

outdoor



Italian products stand out in the world for their style, excellent workmanship and the high quality of the raw materials used, all characteristics that characterize the products in our collection.

Day after day, for more than 40 years, SIDE has been committed to creating lighting fixtures capable of combining new technologies with all the quality of our tradition.

Constant attention to the changing needs of international markets and our customers qualifies us, not only as a reliable supplier, but above all as a partner capable of developing increasingly with low environmental impact solutions.



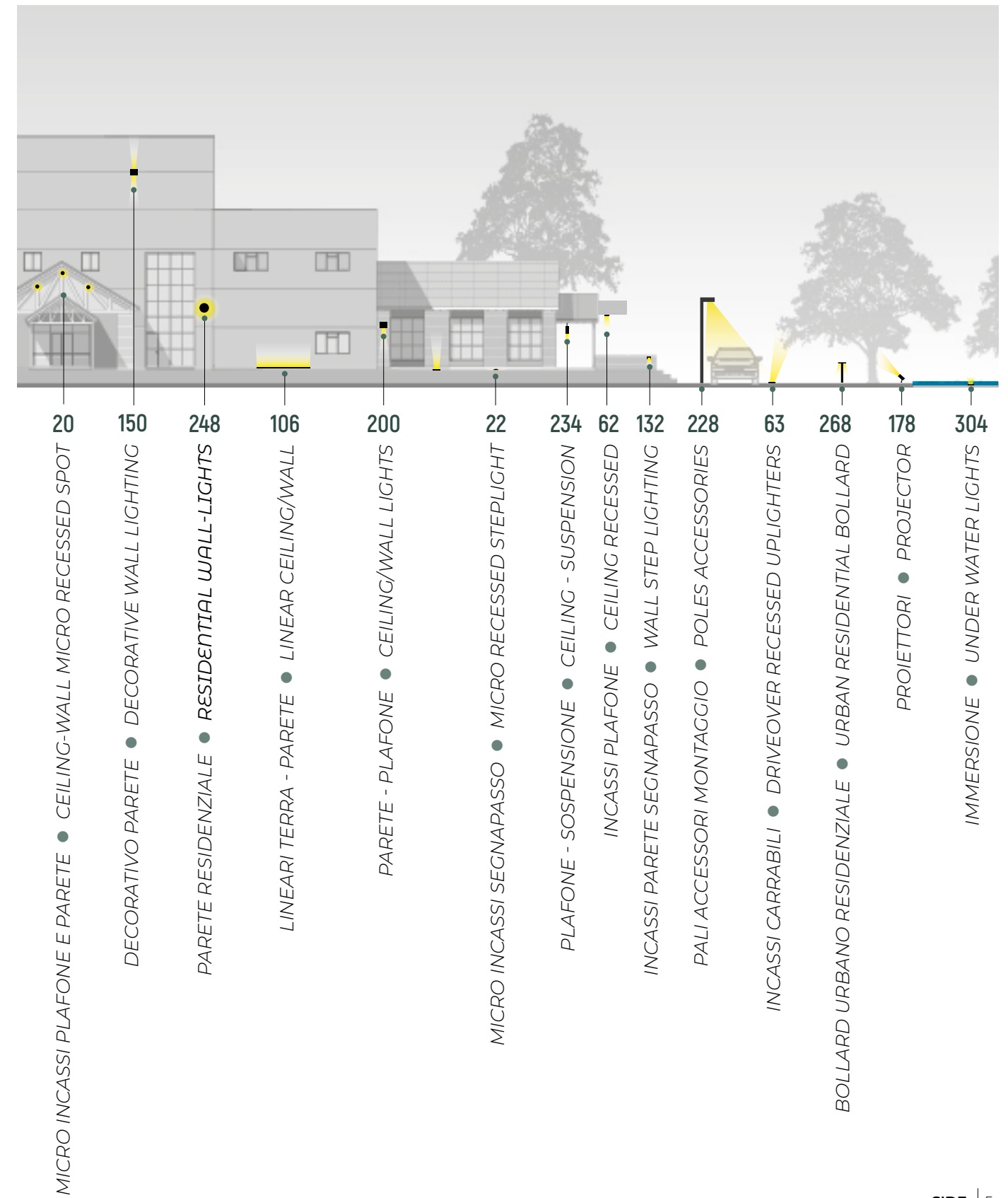
I prodotti italiani si riconoscono nel mondo per lo stile, la precisione delle lavorazioni e l'alta qualità delle materie prime impiegate, tutte caratteristiche che identificano i prodotti della nostra collezione.

Giorno per giorno, da più di 40 anni, SIDE si impegna per creare apparecchi d'illuminazione capaci di coniugare le nuove tecnologie con tutta la qualità della nostra tradizione.

La costante attenzione verso le mutevoli esigenze dei mercati internazionali e dei nostri clienti ci qualifica, non solo come fornitore affidabile, ma soprattutto come partner capace di sviluppare soluzioni sempre a basso impatto ambientale.



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NEW



MICRO INCASSI PLAFONE E PARETE • CEILING-WALL MICRO RECESSED SPOT

Eyes 40 basic B
ASIMMETRICO - ASYMMETRIC



Eyes 40-T new basic
ANTIABBAGLIAMENTO - ANTI-GLARE



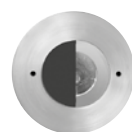
Eyes 40 ground
ASIMMETRICO - ASYMMETRIC



Eyes 40-T ground new basic
ANTIABBAGLIAMENTO - ANTI-GLARE



Eyes 80 ground
ASIMMETRICO - ASYMMETRIC



Eyes 90 ground
ASIMMETRICO - ASYMMETRIC

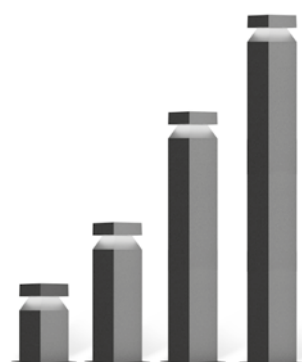


Eyes 90 ground
GU10

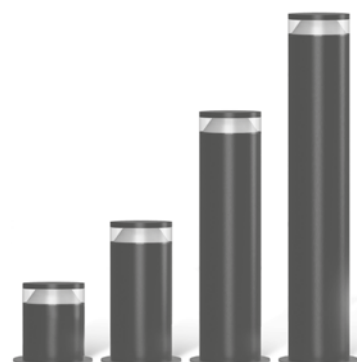


BOLLARD URBANO RESIDENZIALE • URBAN RESIDENTIAL BOLLARD

Verso 120-Q



Verso 175 EVO



Verso 175 Konic



DECORATIVO PARETI ESTERNE • DECORATIVE OUTDOOR WALLS

Cube



Frisbee wall



SD



Solaris residenziale



Spot 50-tris



Verso 175 Konic EVO



Q7



NEW

Ruled linear IP
COLLECTION

INCASSO - RECESSED
IP65



PARETE - WALL
IP65
MONOEMISSIONE - SINGLE SIDE EMISSION
BIEMISSIONE - DOUBLE SIDE EMISSION
ASIMMETRICO - ASYMMETRIC



PLAFONE - CEILING
IP65



PROIETTORE - PROJECTOR
IP65

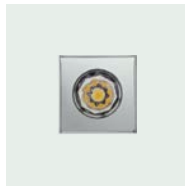
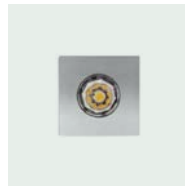


PALETTO - BOLLARD
IP65

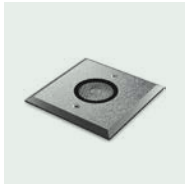
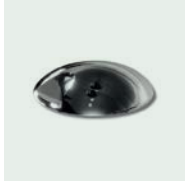


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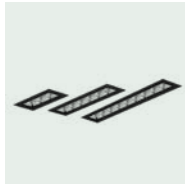
pag **20** MICRO INCASSI PLAFONE - PARETE • CEILING/WALL MICRO RECESSED SPOTS

					
	Eyes 20 basic 25	Eyes 20-T 27	Eyes 20 handrail 29	Eyes 40 basic 31	Eyes 40 basic B 32
					
	Eyes 40-T 33	Eyes 40-T flat 35	EYES 40-Q 36	Eyes 40-Q flat 37	Eyes 40 orientabile 39
					
			Eyes 80-T 41	Eyes 80-Q 43	Eyes 90 45

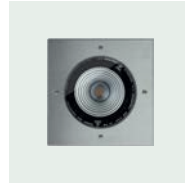
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	Eyes 40 ring 55	Eyes 40 cover 57	Eyes 80 cover AL 59	Eyes 80 pass 61	

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				Olodum 300 89	Olodum 300 flat 90
					
	Olodum 130-Q 79	Olodum 180-Q flat mdf short 81	Olodum 220-Q 86	Olodum 220-Q flat mdf 87	Olodum 300-Q flat 91
					
	Olodum-Ruled 180 mdf 92	Olodum-Ruled 180-Q flat mdf 93	Olodum-Ruled 220 mdf 94	Olodum-Ruled 220-Q flat mdf 95	Olodum-Ruled 300-T MDF 96
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Mini double tondo
205



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206



Mini double
quadro
207



Monolight 105
208



Monolight 140
209



Monolight 175
211



Doublelight 105
212



Doublelight 140
213



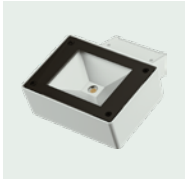
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Attacco palo
singolo
Adaptur single
pole
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Attacco palo
doppio
Adaptur double
pole
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Quarto di sfera
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Cerkio xl
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Solid
259



Mini mistral
261



Mistral
263



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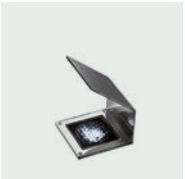
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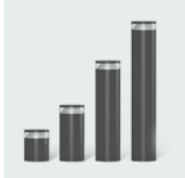
Q7
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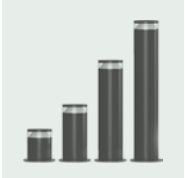
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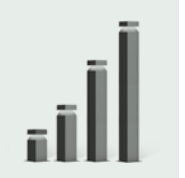
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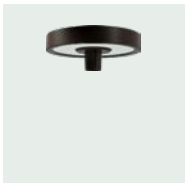
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Ruled linear IP65 bollard



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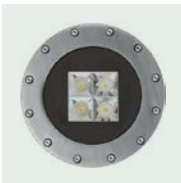
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	EYES 20 BASIC	EYES 20-T	EYES 20 HANDRAIL	EYES 40 BASIC	EYES 40 BASIC B	EYES 40-T	EYES 40-T FLAT
FAMIGLIA	EYES						
FORMA SHAPE							
SENZA CORNICE TRIMLESS							FLAT
FORO INCASSO CUTOFF	mm	Ø 16 mm	Ø 16 mm	Ø 16 mm	Ø 28 mm	Ø 28.5 mm - Ø 285 mm	Ø 28 mm
ASSORBIMENTO LAMP WATT	W	1,2	1,2	2	4,2 - 5,2	1	3,5 - 4,5
FLUSSO LUMINOSO LIGHT FLOW	Lm	61 - 121	78 - 81	106 - 113	392 - 453	8 - 93	350 - 380
TEMPERATURA DI COLORE COLOR TEMPERATURE	K	3000 4000 6000	3000 4000	3000 4000	3000 4000	3000 6000 470nm	3000 4000
RESA CROMATICA COLOR RENDERING	CRI	>90	>90	>80	>90	>80	>90
OTTICA OPTICAL		60°	100°	60°	10 - 30°	30°	45°
RGB							
DRIVER INCLUSO INCLUDED DRIVER					◆		
EMERGENZA EMERGENCY	a richiesta on request ◆	a richiesta on request ◆	a richiesta on request ◆	a richiesta on request ◆	a richiesta on request ◆	a richiesta on request ◆	a richiesta on request ◆
CLASSE DI ISOLAMENTO INSULATION CLASS							
IP RATING	IP 65	IP 68	IP 65	IP 68	IP 65	IP 65	IP 68
DA INTERRARE INGROUND							
PER CONTROSOFFITTI FOR CEILING	◆	◆		◆	◆	◆	◆
CALPESTABILE WALK ON							
PAG.	25	27	29	31	32	33	35



EYES 40-Q	EYES 40-Q FLAT	EYES 40 ORIENTABILE	EYES 80-T	EYES 80-Q	EYES 90
EYES					
FLAT					
Ø 28 mm	Ø 28 mm	Ø 34 mm	Ø 61 mm	Ø 61 mm	Ø 73 mm
1 - 4,5	3,5	2 - 3	1,2 - 2,2	1,2 - 3,5	5 - 6,2
350 - 380	350 - 380	111 - 143	100 - 210	100 - 350	629 - 733
3000 4000	3000 4000	3000 4000	3000 4000	3000 4000	3000 4000
>90	>90	>80	>80	>80	>90
45°	45°	10 - 25°	10°-30°-8x35°-AS°	10°-30°-8x35°-AS°	25 - 40°
a richiesta on request ◆	a richiesta on request ◆				
IP 65	IP 68	IP 65	IP 67	IP 67	IP 65
◆	◆	◆	◆	◆	◆
36	37	39	41	43	45

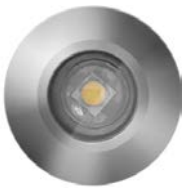


		EYES 40 GROUND	EYES 80-T GROUND	EYES 80-Q GROUND	EYES 80-T GROUND FLAT	EYES 90 GROUND	EYES 40 RING	EYES 40 COVER	EYES 80 COVER AL	EYES 80 PASS
FAMIGLIA		EYES GROUND					EYES SEGNAPASSO			
FORMA SHAPE										
SENZA CORNICE TRIMLESS		FLAT								
FORO INCASSO CUTOFF	mm						Ø 31 mm			
ASSORBIMENTO LAMP WATT	W	1,2 - 4,5	1,2 - 3	1,2 - 3	1,2 - 2	3,6 - 7,1	2 - 3	2	1,2	1,2 - 3
FLUSSO LUMINOSO LIGHT FLOW	Lm	130 - 380	100 - 210	100 - 210	100 - 210	420 - 733	145 - 155	27 - 66	34 - 90	16 - 140
TEMPERATURA DI COLORE COLOR TEMPERATURE	K	3000 4000	3000 4000 	3000 4000 	3000 4000	3000 4000 	3000 4000 470nm	3000 4000 6000	3000 4000	3000 4000 470nm 6000 
RESA CROMATICA COLOR RENDERING	CRI	>90	>80	>80	>80	>90	>80	>80	>90	>80
OTTICA OPTICAL		45°-AS 50°- 10°-30°	10°-30°-8x35°- AS°-100°	10°-30°-8x35°- AS°-100°	10°-30°-8x35°-AS°	25°-40°-ASIM°- 10°-AS°	45 - 125°			
RGB			◆	◆	◆	◆			◆	◆
DRIVER INCLUSO INCLUDED DRIVER		◆								
EMERGENZA EMERGENCY			a richiesta on request ◆	a richiesta on request ◆	a richiesta on request ◆					
CLASSE DI ISOLAMENTO INSULATION CLASS								IP 67		
IP RATING		IP 68	IP 67	IP 67	IP 67	IP 65	IP 68	IP 68	◆	IP 67
DA INTERRARE INGROUND		◆	◆		◆	◆	◆	◆	◆	◆
PER CONTROSOFFITTI FOR CEILING									◆	
PER PARETI SOLIDE FOR PATH										
CALPESTABILE WALK ON		◆	◆	◆	◆	◆	◆	◆	◆	◆
PAG.		47	48	49	51	53	55	57	59	61





Eyes 20 basic



Foro d'incasso
Recessed hole  Ø 16 mm.

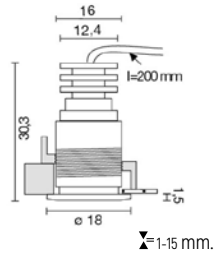
A RICHIESTA - ON REQUEST



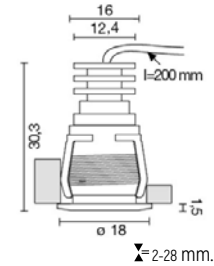
- Anello di finitura in ottone cromato.
- Fissaggio tramite ghiera per controsoffitti accessibili o molla per controsoffitti non accessibili.
- Ring made of chromed brass.
- Fixing by lock nut for accessible false-ceilings or retain spring for inaccessible false-ceilings.



CON GHIERA - WITH LOCK NUT



CON MOLLA - WITH LOCK SPRING



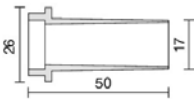
CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
GHIERA DI BLOCCAGGIO PER CONTROSOFFITTI ACCESSIBILI - LOCKING RING FOR ACCESSIBLE CEILINGS								
CR	E900-G-LBC			88	3000			
	E900-G-LBN	60°	1,2W	61	4000	350mA	>90	0,04
	E900-G-LBI			121	6000			

MOLLA DI BLOCCAGGIO PER CONTROSOFFITTI NON ACCESSIBILI - LOCKING SPRING FOR INACCESSIBLE CEILINGS								
CR	E900-M-LBC			88	3000			
	E900-M-LBN	60°	1,2W	61	4000	350mA	>90	0,04
	E900-M-LBI			121	6000			

DRIVER CONSIGLIATI - RECOMMENDED DRIVERS								
644759-1	DRIVER ON-OFF	15W	IP20	350mA				
644758	DRIVER ON-OFF	8W	IP20	350mA				
646258-67	DRIVER ON-OFF	13W	IP67	350mA				
645939	DRIVER DIM DALI	7+26W	IP20	150+700mA				

OPZIONI - OPTIONAL	
E.-LBL	LED blu Blue LED

ACCESSORI - ACCESSORIES	
NE 186-5	Pozzetto per pareti solide Solid wall sump





Eyes 20 T-Q



IP 68 IP 65

A RICHIESTA - ON REQUEST



Foro d'incasso
Recessed hole

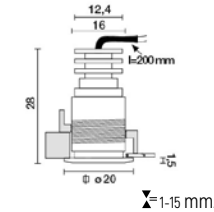


Ø 16 mm

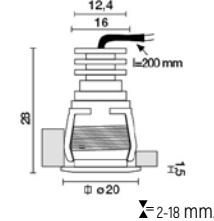


- Anello di finitura in ottone cromato.
- Fissaggio tramite ghiera per controsoffitti accessibili o molla per controsoffitti non accessibili.
- Chrome-plated brass finishing ring.
- Fastening by ferrule for accessible ceilings or spring for non-accessible ceilings.

CON GHIERA - WITH LOCK NUT



CON MOLLA - WITH LOCK SPRING



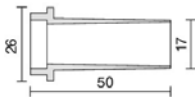
		BEAM	W	LM	K	V	CRI	KG
GHIERA DI BLOCCAGGIO PER CONTROSOFFITTI ACCESSIBILI - LOCKING RING FOR ACCESSIBLE CEILINGS								
CR	E881-G-LBC-68	E881-GQ-LBC68	100°	1,2W	78	3000	350mA	>90
	E881-G-LBN-68	E881-GQ-LBN68			81	4000		

MOLLA DI BLOCCAGGIO PER CONTROSOFFITTI NON ACCESSIBILI - LOCKING SPRING FOR INACCESSIBLE CEILINGS								
CR	E881-M-LBC-68	E881-MQ-LBC68	100°	1,2W	78	3000	350mA	>90
	E881-M-LBN-68	E881-MQ-LBN68			81	4000		

DRIVER CONSIGLIATI - RECOMMENDED DRIVERS					
644759-1	DRIVER ON-OFF	15W	IP20	350mA	
644758	DRIVER ON-OFF	8W	IP20	350mA	
646258-67	DRIVER ON-OFF	13W	IP67	350mA	
645939	DRIVER DIM DALI	7+26W	IP20	150+700mA	

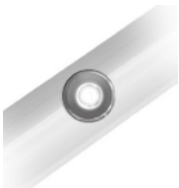
OPZIONI - OPTIONAL	
E.-LBL	LED blu Blue LED

ACCESSORI - ACCESSORIES	
NE 186-5	Pozzetto per pareti solide Concrete walls pit





Eyes 20 handrail



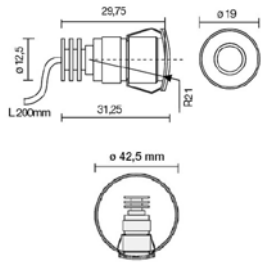
A RICHIESTA - ON REQUEST



Foro d'incasso
Recessed hole  Ø 16 mm



- Incasso per corrimano in acciaio Inox (AISI 316L).
- Aggancio a molla.
- Recessed for handrail fitting Inox steel (AISI 316L).
- Spring locking.



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
CORRIMANO - HANDRAIL								
INOX	E901-M-LBC	60°	2W	106	3000	500mA	>80	0,2
	E901-M-LBN			113	4000			

DRIVER CONSIGLIATI - RECOMMENDED DRIVERS						
644758-5	Driver ON-OFF - 3 apparecchi	DRIVER ON-OFF 6W 500mA IP20 - 3 apparecchi			6	IP20 500mA
645939	DRIVER DIM DALI	DRIVER DALI corrente di uscita programabile, Pmax 26W			7+26W	IP20 150+700mA
645626-1	Driver ON-OFF	DRIVER ON-OFF 20W 500mA IP67			20W	IP67 500mA
645086	Driver ON-OFF	DRIVER ON-OFF 20W 500mA IP20			21W	IP20 500mA

OPZIONI - OPTIONAL	
E.-LBL	LED blu Blue LED



Eyes 40 basic



IP 68

F

III

* Solo apparecchio - * Appliance only

Foro d'incasso
Recessed hole



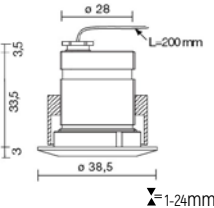
Ø 28 mm

A RICHIESTA - ON REQUEST

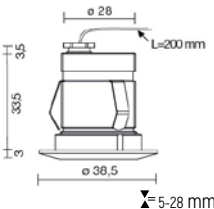


- Incasso con anello di finitura in ottone cromato.
- Fissaggio tramite ghiera per controsoffitti accessibili
- o molla per controsoffitti non accessibili.
- Recessed fitting with ring made of chromed brass.
- Fixing by lock nut for accessible false-ceilings
- or retain spring for inaccessible false-ceilings.

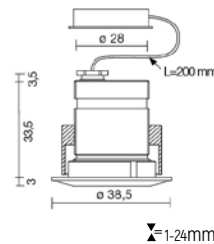
CON GHIERA - WITH LOCK NUT



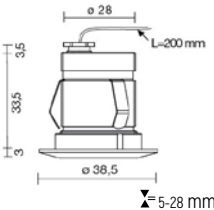
CON MOLLA - WITH LOCK SPRING



CON GHIERA - WITH LOCK NUT



CON MOLLA - WITH LOCK SPRING



	10°	30°	W	LM	K	V	CRI	KG	DRIVER
CR	E894-G-LBC	E897-G-LBC	4,2W	408	3000	350mA	>90	0,1	
	E894-G-LBN	E897-G-LBN		453	4000				

MOLLA DI BLOCCAGGIO PER CONTROSOFFITTI NON ACCESSIBILI - LOCKING SPRING FOR INACCESSIBLE CEILINGS

CR	E894-M-LBC	E897-M-LBC	4,2W	408	3000	350mA	>90	0,1	
	E894-M-LBN	E897-M-LBN		453	4000				

DRIVER CONSIGLIATI - RECOMMENDED DRIVERS

644759-1	DRIVER ON-OFF	15W	IP20	350mA
644758	DRIVER ON-OFF	8W	IP20	350mA
646258-67	DRIVER ON-OFF	13W	IP67	350mA
645939	DRIVER DIM DALI	7+26W	IP20	150+700mA

APPARECCHIO + DRIVER - GHIERA DI BLOCCAGGIO PER CONTROSOFFITTI ACCESSIBILI - FITTING + DRIVER - LOCKING RING FOR ACCESSIBLE CEILINGS

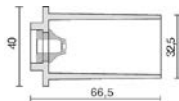
CR	KTE894-G-LBC	KTE897-G-LBC	5,2W	408	3000	220-240V	>90	0,3	
	KTE894-G-LBN	KTE897-G-LBN		453	4000	(350mA)			

APPARECCHIO + DRIVER - MOLLA DI BLOCCAGGIO PER CONTROSOFFITTI NON ACCESSIBILI FITTING + DRIVER - LOCKING SPRING FOR INACCESSIBLE CEILINGS

CR	KTE894-M-LBC	KTE897-M-LBC	5,2W	408	3000	220-240V	>90	0,3	
	KTE894-M-LBN	KTE897-M-LBN		453	4000	(350mA)			

ACCESSORI - ACCESSORIES

NE 186-3 Pozzetto per incasso, foro incasso 32mm
Housing for recessed, recessed hole 32mm



Eyes 40 basic B

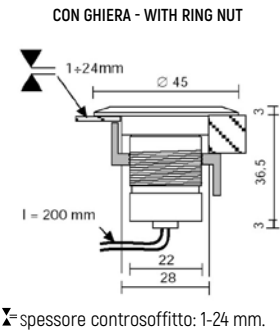


* Solo apparecchio - * Appliance only Foro d'incasso
Recessed hole Ø 28.5 mm

A RICHIESTA - ON REQUEST

- Incasso con anello di finitura in ottone cromato.
- Fissaggio tramite ghiera per controsoffitti accessibili
- o molla per controsoffitti non accessibili.

- Recessed with chrome-plated brass finishing ring.
- Fastening by ferrule for accessible ceilings
- or spring for non-accessible ceilings.



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
CON GHIERA DI BLOCCAGGIO PER CONTROSOFFITTI ACCESSIBILI - WITH LOCK NUT FOR ACCESSIBLE FALSE-CEILINGS								
CR	E895-G-LBC	10°	1W	75	3000	350mA	>80	0,04
	E895-G-LBI			93	6000			
	E895-G-LBL			8	470nm			
	E896-G-LBC	75		3000				
	E896-G-LBI	30°		93	6000			
	E896-G-LBL	8		470nm				
CON MOLLA DI BLOCCAGGIO PER CONTROSOFFITTI NON ACCESSIBILI - WITH LOCK SPRING FOR UNACCESSIBLE FALSE-CEILINGS								
CR	E895-M-LBC	10°	1W	72	3000	350mA	>80	0,04
	E895-M-LBI			64	6000			
	E895-M-LBL			8	470nm			
	E896-M-LBC	75		3000				
	E896-M-LBI	30°		64	6000			
	E896-M-LBL	8		470nm				
ASIMMETRICO - CON MOLLA DI BLOCCAGGIO PER PARETI - ASYMMETRIC WITH LOCK SPRING FOR WALLS								
CR	E895-M-LBC AS	AS°	1W	72	3000	350mA	>80	0,04
	E895-M-LBN AS			89	4000			

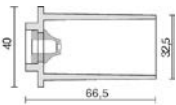
DRIVER CONSIGLIATI - RECOMMENDED DRIVERS				
644759-1	DRIVER ON-OFF	15W	IP20	350mA
644758	DRIVER ON-OFF	8W	IP20	350mA
646258-67	DRIVER ON-OFF	13W	IP67	350mA
645939	DRIVER DIM DALI	7+26W	IP20	150+700mA
646518	DRIVER DALI	5-20W	IP20	100-380mA

OPZIONI - OPTIONAL

Disponibile kit in emergenza da installare in remoto
Safety driver kit available

ACCESSORI - ACCESSORIES

NE 186-3 Pozzetto per incasso, foro incasso 32mm
Housing for recessed, recessed hole 32mm



Eyes 40-T new basic



NEW BASIC

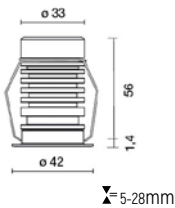
 Foro d'incasso
Recessed hole Ø 35 mm

A RICHIESTA - ON REQUEST

* Solo apparecchio

- Incasso con anello di finitura in ottone cromato.
- Fissaggio tramite molla per controsoffitti non accessibili.

- Recessed with chrome-plated brass finishing ring.
- Fixing by spring for inaccessible ceilings.

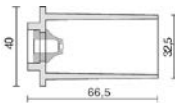


CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
NEW BASIC ANTIABBAGLIANTE - NEW BASIC ANTI-GLARE								
INOX	E862-LBC	10°	2,2W	165	3000	700mA	>80	0,13
	E863-LBC	30°		194				
	E862-LBN	10°		174				
	E863-LBN	30°		205				

DRIVER CONSIGLIATI - RECOMMENDED DRIVERS				
644940-67	DRIVER ON-OFF	14W	IP67	700mA
645732	DRIVER ON-OFF - multi switch	6.3+42W	IP20	150+1050mA
646492	DRIVER DALI	19.3+57.8W	IP67	350+1050mA

ACCESSORI - ACCESSORIES

NE 186-3 Pozzetto per incasso, foro incasso 32mm
Housing for recessed, recessed hole 32mm

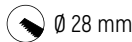


Eyes 40-T



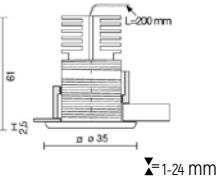
* Solo apparecchio - * Appliance only

Foro d'incasso
Recessed hole

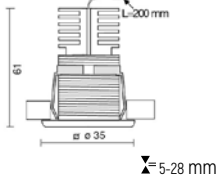


- Incasso con anello di finitura in ottone cromato con LED COB ad alta emissione.
- Parabola metallizzata.
- Fissaggio tramite ghiera per controsoffitti accessibili o molla per controsoffitti non accessibili.
- Recessed fitting with chromed brass ring and high emission COB LED.
- Metallized reflector.
- Fixing by lock nut for accessible false-ceilings or retain spring for inaccessible false-ceilings

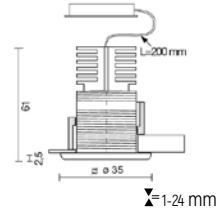
CON GHIERA - WITH LOCK NUT



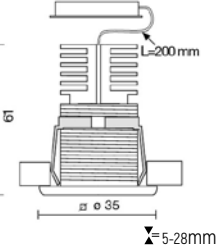
CON MOLLA - WITH LOCK SPRING



CON GHIERA - WITH LOCK NUT



CON MOLLA - WITH LOCK SPING



CODICE - CODE	BEAM	W	LM	K	V	CRI	KG	DRIVER
GHIERA DI BLOCCAGGIO PER CONTROSOFFITTI ACCESSIBILI - LOCKING RING FOR ACCESSIBLE CEILING								
CR E886-G-LBC-C	45°	3,5W	350	3000	350mA	>90	0,05	
E886-G-LBN-C			380	4000				

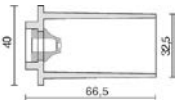
MOLLA DI BLOCCAGGIO PER CONTROSOFFITTI NON ACCESSIBILI - LOCKING SPRING FOR INACCESSIBLE CEILING								
CR E886-M-LBC-C	45°	3,5W	350	3000	350mA	>90	0,05	
E886-M-LBN-C			380	4000				

DRIVER CONSIGLIATI - RECOMMENDED DRIVERS								
644759-1	DRIVER ON-OFF	15W	IP20	350mA				
644758	DRIVER ON-OFF	8W	IP20	350mA				
646258-67	DRIVER ON-OFF	13W	IP67	350mA				
645939	DRIVER DIM DALI	7+26W	IP20	150+700mA				

APPARECCHIO + DRIVER GHIERA DI BLOCCAGGIO PER CONTROSOFFITTI ACCESSIBILI - FITTING + DRIVER LOCKING RING FOR ACCESSIBLE CEILING								
CR KTE886G-LBC-C	45°	4,5W	350	3000	220-240V	>90	0,27	
KTE886G-LBN-C			380	4000	(350mA)			

APPARECCHIO + DRIVER MOLLA DI BLOCCAGGIO PER CONTROSOFFITTI NON ACCESSIBILI - FITTING + DRIVER LOCKING SPRING FOR INACCESSIBLE CEILING								
CR KTE886-MLBC-C	45°	4,5W	350	3000	220-240V	>90	0,27	
KTE886-MLBN-C			380	4000	(350mA)			

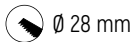
ACCESSORI - ACCESSORIES	
NE 186-3	Pozzetto per incasso, foro incasso 32mm Housing for recessed, recessed hole 32mm



Eyes 40-T flat



Foro d'incasso
Recessed hole

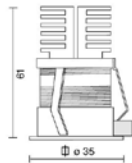


A RICHIESTA - ON REQUEST



- Incasso con anello di finitura in ottone cromato con LED COB ad alta emissione.
- Parabola metallizzata.
- Fissaggio tramite ghiera per controsoffitti accessibili o molla per controsoffitti non accessibili.

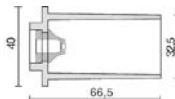
- Recessed fitting with chromed brass ring and high emission COB LED.
- Metallized reflector.
- Fixing by lock nut for accessible false-ceilings or retain spring for inaccessible false-ceilings



CODICE - CODE	BEAM	W	LM	K	V	CRI	KG
MOLLA DI BLOCCAGGIO PER CONTROSOFFITTI NON ACCESSIBILI - LOCKING SPRING FOR INACCESSIBLE CEILING							
CR E871-M-LBC-C	45°	3,5W	350	3000	350mA	>90	0,06
E871-M-LBN-C			380	4000			

DRIVER CONSIGLIATI - RECOMMENDED DRIVERS				
644758	DRIVER ON-OFF	8W	IP20	350mA
644759-1	DRIVER ON-OFF	15W	IP20	350mA
646258-67	DRIVER ON-OFF	13W	IP67	350mA
645939	DRIVER DIM DALI	7+26W	IP20	150+700mA
646518	DRIVER DALI	5-20W	IP20/IP20	100-380mA

ACCESSORI - ACCESSORIES	
NE 186-3	Pozzetto per incasso, foro incasso 32mm Housing for recessed, recessed hole 32mm



EYES 40-Q



IP 65 F III * Solo apparecchio - Only fitting

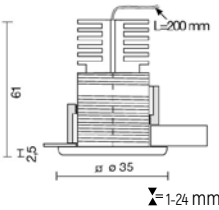
Foro d'incasso
Recessed hole  Ø 28 mm

A RICHIESTA - ON REQUEST

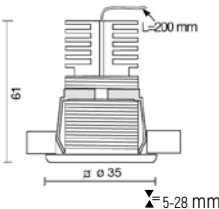


- Incasso con anello di finitura in ottone cromato con LED COB ad alta emissione.
- Parabola metallizzata.
- Fissaggio tramite ghiera per controsoffitti accessibili o molla per controsoffitti non accessibili.
- Recessed fitting with chromed brass ring and high emission COB LED.
- Metallized reflector.
- Fixing by lock nut for accessible false-ceilings or retain spring for inaccessible false-ceilings

CON GHIERA - WITH LOCK NUT



CON MOLLA - WITH LOCK SPRING



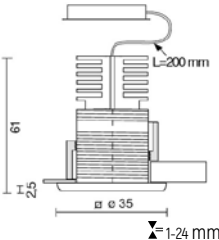
CODICE - CODE	BEAM	W	LM	K	V	CRI	KG	DRIVER
GHIERA DI BLOCCAGGIO PER CONTROSOFFITTI ACCESSIBILI - LOCKING RING FOR ACCESSIBLE CEILINGS								
CR E886-GQ-LBC-C	45°	3,5W	350	3000	350mA	>90	0,05	
E886-GQ-LBN-C			380	4000				

CODICE - CODE	BEAM	W	LM	K	V	CRI	KG	DRIVER
CR E886-MQ-LBC-C	45°	3,5W	350	3000	350mA	>90	0,05	
E886-MQ-LBN-C			380	4000				

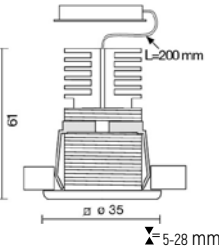
DRIVER CONSIGLIATI - RECOMMENDED DRIVERS

644759-1	DRIVER ON-OFF	15W	IP20	350mA
644758	DRIVER ON-OFF	8W	IP20	350mA
646258-67	DRIVER ON-OFF	13W	IP67	350mA
645939	DRIVER DIM DALI	7+26W	IP20	150+700mA

K I I F CON GHIERA - WITH LOCK NUT



K I I F CON MOLLA - WITH LOCK SPING

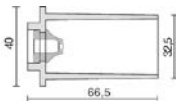


K I I F APPARECCHIO + DRIVER GHIERA DI BLOCCAGGIO PER CONTROSOFFITTI ACCESSIBILI - FITTING + DRIVER LOCKING RING FOR ACCESSIBLE CEILINGS								
CR KTE886GQ-LBC-C	45°	4,5W	350	3000	350mA	>90	0,27	
KTE886GQ-LBN-C			380	4000				

K I I F APPARECCHIO + DRIVER MOLLA DI BLOCCAGGIO PER CONTROSOFFITTI NON ACCESSIBILI - FITTING + DRIVER LOCKING SPRING FOR INACCESSIBLE CEILINGS								
CR KTE886MQLBC-C	45°	1W	350	3000	350mA	>90	0,27	
KTE886MQLBN-C			380	4000				

ACCESSORI - ACCESSORIES

NE 186-3 Pozzetto per incasso, foro incasso 32mm
Housing for recessed, recessed hole 32mm



Eyes 40-Q flat



F IP 68 III

Foro d'incasso
Recessed hole  Ø 28 mm

A RICHIESTA - ON REQUEST



- Incasso con anello di finitura in ottone cromato con LED COB ad alta emissione.
- Parabola metallizzata.
- Fissaggio tramite ghiera per controsoffitti accessibili o molla per controsoffitti non accessibili.
- Recessed fitting with chromed brass ring and high emission COB LED.
- Metallized reflector.
- Fixing by lock nut for accessible false-ceilings or retain spring for inaccessible false-ceilings

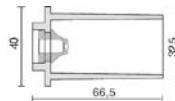
CODICE - CODE	BEAM	W	LM	K	V	CRI	KG
CR E871-MQ-LBC-C	45°	3,5W	350	3000	350mA	>90	0,06
E871-MQ-LBN-C			380	4000			

DRIVER CONSIGLIATI - RECOMMENDED DRIVERS

644759-1	DRIVER ON-OFF	15W	IP20	350mA
644758	DRIVER ON-OFF	8W	IP20	350mA
646258-67	DRIVER ON-OFF	13W	IP67	350mA
645939	DRIVER DIM DALI	7+26W	IP20	150+700mA
646518	DRIVER DALI	5-20W	IP20	100-380mA

ACCESSORI - ACCESSORIES

NE 186-3 Pozzetto per incasso, foro incasso 32mm
Housing for recessed, recessed hole 32mm

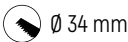




Eyes 40 orientabile

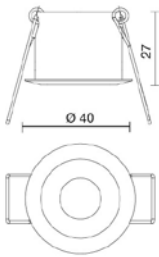


Foro d'incasso
Recessed hole



* Solo apparecchio - * Appliance

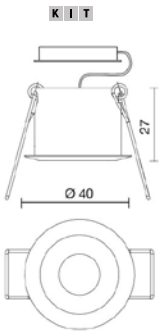
- Corpo in alluminio verniciato o alluminio anodizzato.
- Lente secondaria in PMMA.
- LED durata utile: 50.000 (h) L90 B20.
- Consistenza cromatica: 3 SDCM.
- Body in painted or anodised aluminum.
- Secondary lens in PMMA.
- LED life: 50.000 (h) L90 B20.
- Chromatic consistency: 3 SDCM



	10°	25°	W	LM	K	V	CRI	KG	DRIVER
ALS	E1223-LBC	E1224-LBC							
BI	E1219-LBC	E1221-LBC		134	3000				
NE	E1220-LBC	E1222-LBC							
ALS	E1223-LBN	E1224-LBN	2W			500mA	>80	0,04	
BI	E1219-LBN	E1221-LBN		143	4000				
NE	E1220-LBN	E1222-LBN							

DRIVER CONSIGLIATI - RECOMMENDED DRIVERS

644758	DRIVER ON-OFF	8W	IP20	350mA
645496	Driver ON-OFF - 6 apparecchi	10W	IP40	500mA
645086	Driver ON-OFF	21W	IP20	500mA
645626-1	Driver ON-OFF	20W	IP67	500mA
645939	DRIVER DIM DALI	7+26W	IP20	150+700mA



K I T 2 APPARECCHI + DRIVER - 2 FITTINGS + DRIVER

BI	KT-E1219LBC-2	KT-E1221LBC-2							
ALS	KT-E1223LBC-2	KT-E1224LBC-2		134	3000				
NE	KT-E1220LBC-2	KT-E1222LBC-2							
BI	KT-E1219LBN-2	KT-E1221LBN-2	3W			500mA	>80	0,08	
NE	KT-E1220LBN-2	KT-E1222LBN-2		143	4000				
ALS	KT-E1223LBN-2	KT-E1224LBN-2							

K I T 4 APPARECCHI + DRIVER - 4 FITTINGS + DRIVER

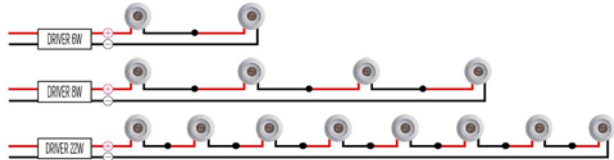
BI	KT-E1219LBC-4	KT-E1221LBC-4							
NE	KT-E1220LBC-4	KT-E1222LBC-4		134	3000				
ALS	KT-E1223LBC-4	KT-E1224LBC-4	3W			500mA	>80	0,2	
BI	KT-E1219LBN-4	KT-E1221LBN-4							
NE	KT-E1220LBN-4	KT-E1222LBN-4		143	4000				
ALS	KT-E1223LBN-4	KT-E1224LBN-4							

K I T 8 APPARECCHI + DRIVER - 8 FITTINGS + DRIVER

BI	KT-E1219LBC-8	KT-E1221LBC-8							
NE	KT-E1220LBC-8	KT-E1222LBC-8		134	3000				
ALS	KT-E1223LBC-8	KT-E1224LBC-8	3W			500mA	>80	0,3	
BI	KT-E1219LBN-8	KT-E1221LBN-8							
NE	KT-E1220LBN-8	KT-E1222LBN-8		143	4000				
ALS	KT-E1223LBN-8	KT-E1224LBN-8							

ESEMPIO - EXAMPLE

K I T APPARECCHI/FITTINGS + DRIVER



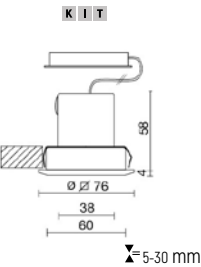
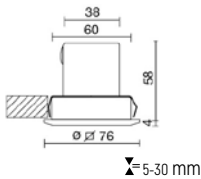
COLLEGAMENTO IN SERIE - SERIES CONNECTION



Eyes 80-T



AS



IP 67 IK 07    * Solo apparecchio - Only fitting Foro d'incasso Recessed hole  Ø 61 mm

- Apparecchi da incasso per controsoffitto.
- Corpo e anello di finitura in acciaio Inox (AISI 316).
- Guarnizione in gomma siliconica.
- Vetro di protezione temperato trasparente.
- Pressacavo in ottone nichelato PG7.

- False-ceilings recessed downlights.
- Stainless steel (AISI 316) body and finishing trim.
- Silicon rubber gaskets.
- Tempered protection glass.
- PG7 nickel brass cable gland.

CODICE - CODE		BEAM	W	LM	K	V	CRI	KG	DRIVER
SIMMETRICO - SYMMETRIC									
INOX	E8496-LBC-10-I	10°	12W	100	3000	220-240V (350mA)	>80	0,3	
	E8496-LBC-30-I	30°							
	E8496-LBN-10-I	10°							
	E8496-LBN-30-I	30°							
ELLITTICO - ELLIPTICAL									
INOX	E8496-LBC-EL-I	8x35°	12W	100	3000	220-240V (350mA)	>80	0,3	
	E8496-LBN-EL-I			120	4000				
ASIMMETRICO - ASYMMETRICAL									
INOX	E8394AS-LBC-I	AS°	2W	180	3000	220-240V (350mA)	>80	0,3	
	E8394AS-LBN-I			210	4000				

DRIVER CONSIGLIATI - RECOMMENDED DRIVERS				
644759-1	DRIVER ON-OFF	15W	IP20	350mA
645939	DRIVER DIM DALI	7÷26W	IP20	150÷700mA

KIT APPARECCHIO + DRIVER - FITTING + DRIVER									
INOX	KTE8496-LBC-10-I	10°	2,2W	100	3000	220-240V (350mA)	>80	0,5	
	KTE8496-LBC-30-I	30°							
	KTE8496-LBN-10-I	10°							
	KTE8496-LBN-30-I	30°							

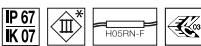
ACCESSORI - ACCESSORIES		
NE	646308	Connettore IP68 ø da 7 a 12mm IP68 connector ø 7 to 12mm



Eyes 80-Q



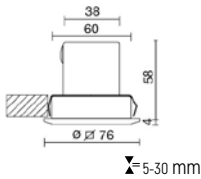
COB AS



Foro d'incasso
Recessed hole  Ø 61 mm

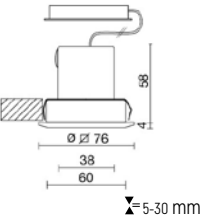
* Solo apparecchio - * Appliance

- Apparecchi da incasso per controsoffitto.
- Corpo e anello di finitura in acciaio Inox (AISI 316).
- Guarnizione in gomma siliconica.
- Vetro di protezione temperato trasparente.
- Pressacavo in ottone nichelato PG7.
- False-ceilings recessed downlights.
- Stainless steel (AISI 316) body and finishing trim.
- Silicon rubber gaskets.
- Tempered protection glass.
- PG7 nickel brass cable gland.



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
SIMMETRICO - SYMMETRICAL								
INOX	E8496-LBC-10-Q-I	10°		100	3000			
	E8496-LBC-30-Q-I	30°	1,2W			350mA	>80	0,3
	E8494-LBN-10-Q-I	10°		120	4000			
	E8494-LBN-30-Q-I	30°						
ELLITTICO - ELLIPTICAL								
INOX	E8496-LBC-EL-Q-I			100	3000			
	E8494-LBN-EL-Q-I	8x35°	1,2W	120	4000	350mA	>80	0,3
ASIMMETRICO - ASYMMETRICAL								
INOX	E8394AS-LBC-Q-I			3000				
	E8394AS-LBN-Q-I	AS°	3,5W	350	4000	350mA	>80	0,3

DRIVER CONSIGLIATI - RECOMMENDED DRIVERS				
644759-1	DRIVER ON-OFF	15W	IP20	350mA
645939	DRIVER DIM DALI	7÷26W	IP20	150÷700mA



APPARECCHIO + DRIVER - FITTING + DRIVER		BEAM	W	LM	K	V	CRI	KG	
INOX	KTE8496LBC-10-QI	10°		100	3000				
	KTE8496LBC-30-QI	30°	2,2W			220-240V (350mA)	>80	0,5	
	KTE8496LBN-10-QI	10°		120	4000				
	KTE8494LBN-30-QI	30°							



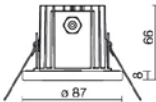
Eyes 90



IP 65 F III • Solo apparecchio - Only fitting Foro d'incasso Recessed hole Ø 73 mm

- Corpo in pressofusione di alluminio verniciato in polveri con pretrattamento per esterni.
- Anello in materiale termoplastico.
- Lente protezione LED in metacrilato.
- Molle in acciaio e schermo di protezione in vetro temperato.

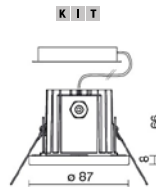
- Powder-coated die-cast aluminium body with special treatment for outdoor use.
- Thermoplastic material ring.
- Methacrylate LED protection lens.
- Steel springs and tempered glass protection glass.



	25°	40°	W	LM	K	V	CRI	KG	DRIVER
BI	E8140-MLBC-25	E8140-MLBC-40							
GR	E8142-MLBC-25	E8142-MLBC-40	5,2W	673	3000				
NE	E8141-MLBC-25	E8141-MLBC-40				150mA	>90	0,35	
BI	E8140-MLBN-25	E8140-MLBN-40							
GR	E8142-MLBN-25	E8142-MLBN-40	5W	731	4000				
NE	E8141-MLBN-25	E8141-MLBN-40							

DRIVER CONSIGLIATI - RECOMMENDED DRIVERS

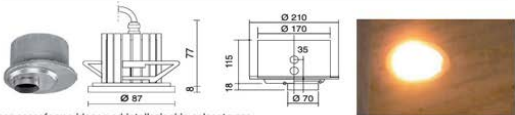
646209	ON-OFF	6W	IP20	140mA
645939	DRIVER DIM DALI	7÷26W	IP20	150÷700mA



	KIT APPARECCHIO + DRIVER - FITTING + DRIVER								
BI	KTE8140MLBC25	KTE8140MLBC40							
NE	KTE8141MLBC25	KTE8141MLBC40	6,2W	673	3000				
GR	KTE8142MLBC25	KTE8142MLBC40				220-240V (150mA)	>90	0,5	
BI	KTE8140MLBN25	KTE8140MLBN40							
NE	KTE8141MLBN25	KTE8141MLBN40	6W	731	4000				
GR	KTE8142MLBN25	KTE8142MLBN40							

ACCESSORI - ACCESSORIES

148 Pozzetto per installazione in calcestruzzo
For concrete installation



Solo per sorgente LED. versione speciale predisposta per cassaforma idonea ad installazioni in calcestruzzo.
Esempio di ordinazione: E8140C-LBC-10 (aggiungere la C dopo il numero articolo e completare il codice) • ordinare cassaforma art. 148.
Only for LED source: special version for housing suitable for concrete ceiling installations.
Ordering example: E8140C-LBC-10 (insert the C letter immediately after the code number and then complete the code) • order housing art. 148.

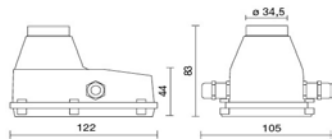


Accessori non compatibili per versione NEW BASIC
Accessories not compatible for NEW BASIC version

ACCESSORI - ACCESSORIES

186-6

Cassaforma da interrare per driver con doppio pressacavo
PG7 per cavi da 3-6mm tipo H05RN-F2G 0,75mm
Inground formwork for driver with double PG7 cable gland for
3-6mm cables type H05RN-F2G 0.75mm



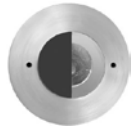
NE

186-7

Cassaforma da interrare (senza driver)
In-ground formwork (without driver)



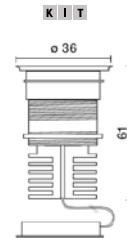
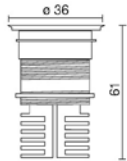
Eyes 40 ground



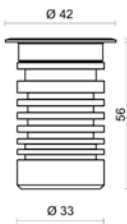
GLARE CONTROL
AS



NEW BASIC



NEW BASIC



* Solo apparecchio - Only fitting

Carico statico 500 kg - Static load 500 kg

- Incasso in alluminio anodizzato con LED ad alta emissione.
- Anello di finitura in acciaio Inox (AISI 316).
- Parabola metallizzata e vetro di protezione.

- Recessed fitting made of anodized aluminum provided with high emission LED.
- Stainless steel (AISI 316).
- Metallized reflector and protection glass.

CODICE - CODE	BEAM	W	LM	K	V	CRI	KG		DRIVER
E883-N-LBC-C	45°	3,5W	350	3000	350mA	>90	0,08	◆	
E883-N-LBN-C			380	4000					
GLARE CONTROL									
E891-N-LBC	AS 50°	1,2W	130	3000	350mA	>90	0,08	◆	
E891-N-LBN			150	4000					

DRIVER CONSIGLIATI - RECOMMENDED DRIVERS

646364	DRIVER ON-OFF	14W	IP67	350mA
646760	ON-OFF	4W	IP67	350mA

KIT APPARECCHIO + DRIVER - FITTING + DRIVER

INOX	KTE883N-LBC-C	45°	4,5W	350	3000	220-240V (350mA)	>90	0,12	◆	Ⓛ
	KTE883N-LBN-C			380	4000					

KIT GLARE CONTROL APPARECCHIO + DRIVER - FITTING + DRIVER

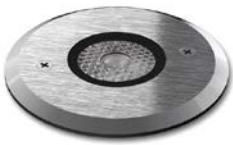
INOX	KTE891-N-LBC	AS 50°	2,2W	130	3000	220-240V (350mA)	>90	0,12	◆	Ⓛ
	KTE891-N-LBN			150	4000					

NEW BASIC ANTIABBLAGIANTE - NEW BASIC ANTI-GLARE

E860-LBC	10°			3000			0,13
E861-LBC	30°	2,2W	165		700mA	>80	0,13
E860-LBN	10°			4000			0,13
E861-LBN	30°						0,13

EYES 40 GROUND NEW BASIC cassaforma inclusa
EYES 40 GROUND NEW BASIC formwork included

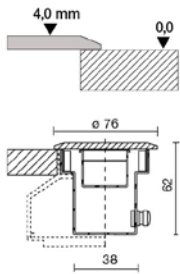
Eyes 80-T ground



AS



RGB



A RICHIESTA - ON REQUEST



Carico statico 500 kg - Static load 500 kg

- Corpo in acciaio Inox (AISI 316L).
- Guarnizione in gomma siliconica.
- Vetro di protezione temperato trasparente.
- Anello di finitura e viti in acciaio Inox (AISI 316L).
- Cassaforma di contenimento in PA (da ordinare a parte).
- Pressacavo in ottone nichelato PG7 (diametro cavi utilizzabili 5÷7mm).
- Versione IN TENSIONE indicata per bordo piscina
- Housing of stainless steel (AISI 316L).
- Silicon rubber gaskets.
- Tempered protection glass.
- Stainless steel (AISI 316L) ring and screws.
- External housing made of PA (to be ordered separately).
- PG7 nickel brass cable gland (use cables with diameter 5÷7mm).
- CONSTANT TENSION version suitable for close to swimming-pool installation

CODICE - CODE	BEAM	W	LM	K	V	CRI	KG	T°	
SIMMETRICO - SYMMETRICAL									
E8496-LBC-10-SM	10°		100	3000					
E8496-LBC-30-SM	30°	1,2W			350mA	>80	0,3	50°	◆
E8496-LBN-10-SM	10°		120	4000					
E8496-LBN-30-SM	30°								
ELLITTICO - ELLIPTICAL									
E8496-LBC-EL-SM	8x35°	1,2W	100	3000	350mA	>80	0,3	50°	◆
E8496-LBN-EL-SM			120	4000					
ASIMMETRICO - ASYMMETRICAL									
E8394AS-LBC-SM	AS°	2W	180	3000	350mA	>80	0,3	50°	◆
E8394AS-LBN-SM			210	4000					
RGB									
E8394-RGB-SM	100°	3W	-	RGB	350mA	>80	0,3	50°	◆

DRIVER CONSIGLIATI - RECOMMENDED DRIVERS				
645732	DRIVER ON-OFF- multi switch	6.3÷42W	IP20	150÷1050mA
645939	DRIVER DIM DALI	7÷26W	IP20	150÷700mA
644759-1	DRIVER ON-OFF	15W	IP20	350mA
646364	DRIVER ON-OFF	14W	IP67	350mA
646372-1	KIT RGB	21W	IP20	350mA

OPZIONI - OPTIONAL

...TSC TORX

Viti di sicurezza
Safety screws



ACCESSORI - ACCESSORIES

646308

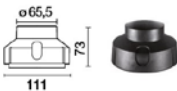
Connettore IP68 ø da 7 a 12mm
IP68 connector ø 7 to 12mm



NE

185

Cassaforma per incasso
Recessed formwork



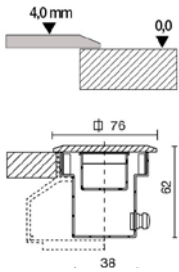
Eyes 80-Q ground



AS



RGB



A RICHIESTA - ON REQUEST



Carico statico 500 kg - Static load 500 kg

- Corpo in acciaio Inox (AISI 316L).
- Guarnizione in gomma siliconica.
- Vetro di protezione temperato trasparente.
- Anello di finitura e viti in acciaio Inox (AISI 316L).
- Cassaforma di contenimento in PA (da ordinare a parte).
- Pressacavo in ottone nichelato PG7 (diametro cavi utilizzabili 5÷7mm).
- Versione IN TENSIONE indicata per bordo piscina
- Housing of stainless steel (AISI 316L).
- Silicon rubber gaskets.
- Tempered protection glass.
- Stainless steel (AISI 316L) ring and screws.
- External housing made of PA (to be ordered separately).
- PG7 nickel brass cable gland (use cables with diameter 5÷7mm).
- CONSTANT TENSION version suitable for close to swimming-pool installation

CODICE - CODE	BEAM	W	LM	K	V	CRI	KG	
SIMMETRICO - SYMMETRICAL								
E8496-LBC-10-SMQ	10°		100	3000				
E8496-LBC-30-SMQ	30°	1,2W			350mA	>80	0,3	◆
E8496-LBN-10-SMQ	10°		120	4000				
E8496-LBN-30-SMQ	30°							
ELLITTICO - ELLIPTICAL								
E8496-LBC-EL-SMQ	8x35°	1,2W	100	3000	350mA	>80	0,3	◆
E8496-LBN-EL-SMQ			120	4000				
ASIMMETRICO - ASYMMETRICAL								
E8394AS-LBC-SMQ	AS°	2W	180	3000	350mA	>80	0,3	◆
E8394AS-LBN-SMQ			210	4000				
RGB								
E8394-RGB-SMQ	100°	3W	-	RGB	350mA	>80	0,3	◆

DRIVER CONSIGLIATI - RECOMMENDED DRIVERS				
645732	DRIVER ON-OFF- multi switch	6.3÷42W	IP20	150÷1050mA
644759-1	DRIVER ON-OFF	15W	IP20	350mA
645939	DRIVER DIM DALI	7÷26W	IP20	150÷700mA
646364	DRIVER ON-OFF	14W	IP67	350mA

OPZIONI - OPTIONAL

...TSC TORX

Viti di sicurezza
Safety screws



ACCESSORI - ACCESSORIES

646308

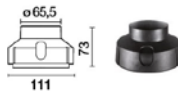
Connettore IP68 ø da 7 a 12mm
IP68 connector ø 7 to 12mm



NE

185

Cassaforma per incasso
Recessed formwork





Eyes 80-T ground flat



AS

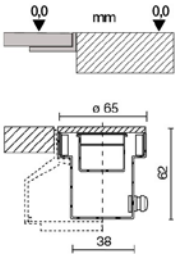


A RICHIESTA - ON REQUEST



Carico statico 500 kg - Static load 500 kg

- Corpo in acciaio Inox (AISI 316L).
- Guarnizione in gomma siliconica.
- Vetro di protezione temperato trasparente.
- Anello di finitura e viti in acciaio Inox (AISI 316L).
- Cassaforma di contenimento in PA (da ordinare a parte).
- Pressacavo in ottone nichelato PG7 (diametro cavi utilizzabili 5÷7mm).
- Versione IN TENSIONE indicata per bordo piscina.
- Housing of stainless steel (AISI 316L).
- Silicon rubber gaskets.
- Tempered protection glass.
- Stainless steel (AISI 316L) ring and screws.
- External housing made of PA (to be ordered separately).
- PG7 nickel brass cable gland (use cables with diameter 5÷7mm).
- CONSTANT TENSION version suitable for close to swimming-pool installation.



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG	
SIMMETRICI - SYMMETRICAL									
INOX	E8496-LBC-10	10°	 12W	100	3000	350mA	>80	0,3	
	E8496-LBC-30	30°							
	E8496-LBN-10	10°		120	4000				
	E8496-LBN-30	30°							
ELLITTICO - ELLIPTICAL									
INOX	E8496-LBC-EL	8x35°	12W	100	3000	350mA	>80	0,3	
	E8496-LBN-EL			120	4000				
ASIMMETRICO - ASYMMETRICAL									
INOX	E8394AS-LBC	AS°	2W	180	3000	350mA	>80	0,3	
	E8394AS-LBN				210				

DRIVER CONSIGLIATI - RECOMMENDED DRIVERS

645732	DRIVER ON-OFF- multi switch	6.3÷42W	IP20	150÷1050mA
645939	DRIVER DIM DALI	7÷26W	IP20	150÷700mA
646364	DRIVER ON-OFF	14W	IP67	350mA

OPZIONI - OPTIONAL

...TSC TORX Viti di sicurezza
Safety screws



ACCESSORI - ACCESSORIES

646308 Connettore IP68 ø da 7 a 12mm
IP68 connector ø 7 to 12mm



NE

185 Cassaforma per incasso
Recessed formwork



Eyes 90 ground GU10



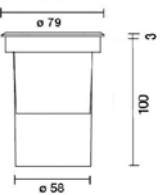
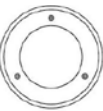
Foro d'incasso
Recessed hole  Ø 73 mm

- Corpo in pressofusione di alluminio.
- Ghiera in inox.
- Portalamпада GU10 ceramica.
- Vetro temprato chiaro.
- Lampada GU10 non fornita.
- Completo di cavo H05RN 3x0.75 - L. 300mm
- Cassaforma da incasso inclusa.

- Body in die-cast aluminium.
- Stainless steel ring.
- GU10 ceramic lamp holder.
- Clear tempered glass.
- GU10 lamp not supplied.
- Complete with H05RN 3x0.75 cable - L. 300mm
- Built-in formwork included.

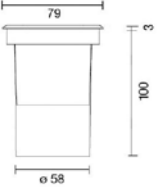
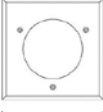


EYES 90-T GU10



±1-20 mm

EYES 90-Q GU10



±1-20 mm

CODICE - CODE		W	LM	K	V	CRI	KG	
SENZA LAMPADA - WITHOUT LAMP								
INOX	E8140F-GUT 	-	-				0,35	◆
	E8140F-GUQ 							



Gli apparecchi non sono muniti di lampada
Fittings are not equipped with bulb

Eyes 90 ground



* Solo apparecchio - Only fitting

Carico statico 500 kg - Static load 500 kg

- Corpo in pressofusione di alluminio verniciato in polveri con pretrattamento per esterni.
- Dissipatore in alluminio.
- Anello in acciaio Inox satinato.
- Cassaforma da murare in materiale termoplastico (da ordinare a parte).
- Vetro di protezione trasparente temperato.
- Pressacavo in ottone nichelato PG7.

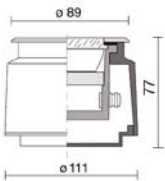
- Die-cast aluminum body powder coated with outdoor pretreatment.
- Aluminum heat sink.
- Satin-finished stainless steel ring.
- Formwork to be walled in thermoplastic material (to be ordered separately).
- Transparent tempered safety glass.
- PG7 nickel-plated brass cable gland.



AS



RGB



CODICE - CODE	BEAM	W	LM	K	V	CRI	KG		DRIVER
E8140F-MLBC25	25°	5,2W	696		150mA	>90	0,35		
E8140F-MLBC40	40°		659	3000			0,37		
E8140F-MLBC-AS	ASIM°	4,2W	475		350mA	>80	0,39		
E8140F-MLBN25	25°	5,2W	731		150mA	>90	0,36		◆
E8140F-MLBN40	40°		733	4000			0,38		
E8140F-MLBN-AS	ASIM°	4,2W	420		350mA	>80	0,4		
RGB									
E8140F-RGB-10	10°								
INOX E8140F-RGB-30	25°	3,6W	-	RGB 	350mA		0,42	◆	
E8140F-RGB-45	40°								

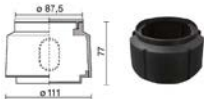
DRIVER CONSIGLIATI - RECOMMENDED DRIVERS

646209	ON-OFF	6W	IP20	140mA
646397	ON-OFF	6W	IP67	150mA
645939	DRIVER DIM DALI	7÷26W	IP20	150÷700mA
646372-1	KIT RGB	21W	IP20	350mA

KIT									
KE8140FMLBC25	25°	6,2W	696		220-240V (150mA)	>90			
KE8140FMLBC40	40°		659	3000					
KE8140FMLBCAS	AS°	5,2W	475		220-240V (350mA)	>80			
KE8140FMLBN25	25°	7,1W	635		220-240V (150mA)	>90			◆
KE8140FMLBN40	40°	6,2W	637	4000					
KE8140FMLBNAS	AS°	5,2W	420		220-240V (350mA)	>80			

ACCESSORI - ACCESSORIES

NE 185-C Cassaforma per incasso in materiale termoplastico
Recessed formwork made of thermoplastic material





Eyes 40 ring



IP 68
K 09

F

RG0

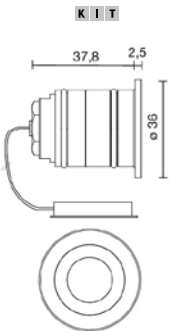
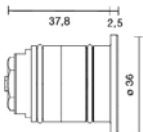
III

* Solo apparecchio - Only fitting

Foro d'incasso
Recessed hole

Ø 31 mm

- Corpo e ghiera in acciaio inox Aisi 316L.
- Guarnizioni gomma siliconica.
- Diffusore in policarbonato.
- Viti premi guarnizione in ottone nichelato.
- Cavo di alimentazione in neoprene 2x0,5 mm2, lunghezza 500 mm.
- LED durata utile: 50.000 (h) L90 B20.
- Molla fissaggio in controsoffitto in dotazione art. 579961.
- Foro da predisporre per incasso Ø 31mm.
- Aisi 316L stainless steel body and ferrule.
- Silicone rubber gaskets.
- Polycarbonate diffuser.
- Nickel-plated octore gasket premium screws.
- Neoprene power cable 2x0.5 mm2, length 500 mm.
- LED service life: 50,000 (h) L90 B20.
- Fixing spring in false ceiling provided art. 579961.
- Hole to be prepared for recessed Ø 31mm.



CODICE - CODE	W	LM	K	V	CRI	KG		DRIVER
E880-LBC	2W	145	3000					
E880-LBN		155	4000	500mA	>80	0,2	◆	
E880-LBL	-	-	470nm					

DRIVER CONSIGLIATI - RECOMMENDED DRIVERS

644758	DRIVER ON-OFF	8W	IP20	350mA
644758-5	Driver ON-OFF - 3 apparecchi	6	IP20	500mA
645496	Driver ON-OFF - 6 apparecchi	10W	IP40	500mA
645086	Driver ON-OFF	21W	IP20	500mA
645939	DRIVER DIM DALI	7+26W	IP20	150+700mA

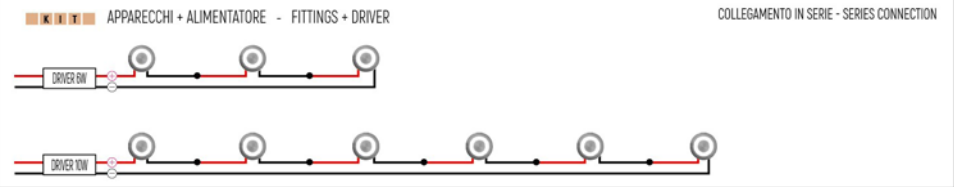
KIT 3 APPARECCHI + DRIVER - 3 FITTING + DRIVER

KT-E880-LBC-3	3W	145	3000					
KT-E880-LBN-3		155	4000	500mA	>80	0,8	◆	☐ D
KT-E880-LBL-3	-	-	470nm					

KIT 6 APPARECCHI + DRIVER - 6 FITTING + DRIVER

KT-E880-LBC-6	3W	145	3000					
KT-E880-LBN-6		155	4000	500mA	>80	0,8	◆	☐ D
KT-E880-LBL-6	-	-	470nm					

ESEMPIO - EXAMPLE



OPZIONI - OPTIONAL

E...LRO = LED rosso = LED red



E...LVE = LED verde = LED green

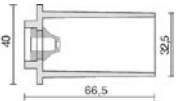


E...LGI = LED ambra = LED amber



ACCESSORI - ACCESSORIES

NE 186-3 Pozzetto per incasso, foro incasso 32mm
Housing for recessed, recessed hole 32mm





Eyes 40 cover



IP 68
K 09

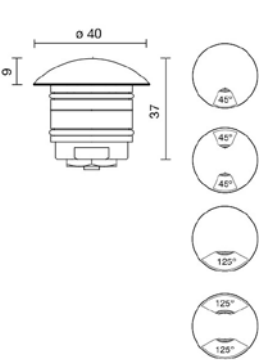
F

RG0

III

* Solo apparecchio - Only fitting

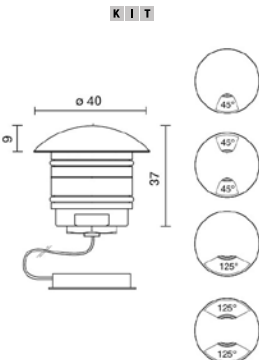
- Corpo e calotta in acciaio Inox (AISI 316L).
- Finitura: Lucidato.
- Guarnizioni in gomma siliconica.
- Vite premi guarnizione in ottone nichelato.
- In dotazione cavo 2x0,5mmq lunghezza 500mm.
- LED durata utile: 50.000 (h) L80 B10.
- Body and cap made of (AISI 316L) stainless steel.
- Finishing: Polished.
- Silicone rubber gaskets.
- Press-gasket screws of nickel-plated brass.
- Supplied cable 2x0,5sqmm length 500mm.
- LED life: 50.000 (h) L80 B10.



45°	125°		W	LM	K	V	CRI	KG		DRIVER
BIEMISSIONE - DOUBLE SIDE EMISSION										
E876-LBC	E878-LBC		2W	55	3000	500mA	>80	0,2		
E876-LBN	E878-LBN			58	4000					
E876-LBI	E878-LBI			62	6000					
MONO EMISSIONE - SINGLE SIDE EMISSION										
E875-LBC	E877-LBC		2W	27	3000	500mA	>80	0,2		
E875-LBN	E877-LBN			29	4000					
E875-LBI	E877-LBI			31	6000					

DRIVER CONSIGLIATI - RECOMMENDED DRIVERS

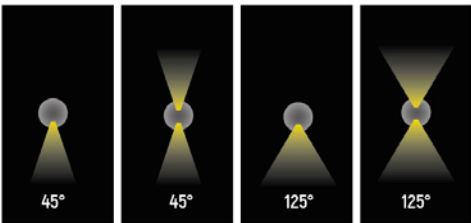
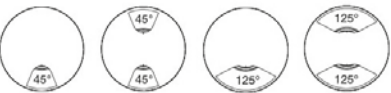
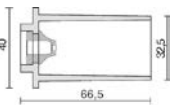
644758	DRIVER ON-OFF	8W	IP20	350mA
645496	Driver ON-OFF - 6 apparecchi	10W	IP40	500mA
645086	Driver ON-OFF	21W	IP20	500mA
645626-1	Driver ON-OFF	20W	IP67	500mA
645939	DRIVER DIM DALI	7+26W	IP20	150+700mA



KIT APPARECCHIO + DRIVER BIEMISSIONE - FITTING + DRIVER DOUBLE SIDE EMISSION										
KTE876-LBC	KTE878-LBC		2W	55	3000	220-240V (500mA)	>80	0,4		
KTE876-LBN	KTE878-LBN			58	4000					
KTE876-LBI	KTE878-LBI			62	6000					
KIT APPARECCHIO + DRIVER MONO EMISSIONE - FITTING + DRIVER SINGLE SIDE EMISSION										
KTE875-LBC	KTE877-LBC		2W	27	3000	220-240V (500mA)	>80	0,4		
KTE875-LBN	KTE877-LBN			29	4000					
KTE875-LBI	KTE877-LBI			31	6000					

ACCESSORI - ACCESSORIES

NE 186-3 Pozzetto per incasso, foro incasso 32mm
Housing for recessed, recessed hole 32mm





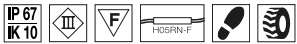
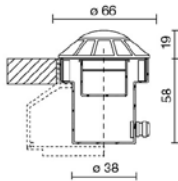
Eyes 80 cover AL



RADIALE



MONO EMISSIONE



Velocità max carrabilità 5 km/h km/h - Drive-over max speed 5 km/h km/h
Carico statico 2000 kg - Static load 2000 kg

- Corpo Inox (AISI 316L).
- Calotta in alluminio pressofuso.
- Doppia verniciatura in polveri poliestere.
- Diffusore in policarbonato anti-UV.
- Cassaforma di contenimento in PA (da ordinare a parte).
- Pressacavo in ottone nichelato PG7 (diametro cavi utilizzabili 5÷7 mm).
- Viti in acciaio Inox.
- Stainless steel body (AISI 316L).
- Die-cast aluminium dome.
- Double polyester powder coating.
- Anti-UV polycarbonate diffuser.
- PA containment box (to be ordered separately).
- Nickel-plated brass PG7 cable gland (usable cable diameter 5÷7 mm).
- Stainless steel screws.

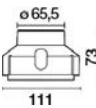
CODICE - CODE			W	LM	K	V	CRI	KG	T°		
RADIALE - RADIAL											
GR	E8399-LBC		1,2W	37	3000	350mA	>80	0,4	36°		
GR	E8399-LBN			46	4000						
MONO EMISSIONE - MONO EMISSION											
GR	E8399-1-LBC		1,2W	10	3000	350mA	>80	0,4	36°		
GR	E8399-1-LBN			12	4000						

DRIVER CONSIGLIATI - RECOMMENDED DRIVERS				
646364	DRIVER ON-OFF	14W	IP67	350mA
646258-67	DRIVER ON-OFF	13W	IP67	350mA

OPZIONI - OPTIONAL	
...-TSC TORX	Viti di sicurezza Safety screws



ACCESSORI - ACCESSORIES	
646308	Connettore IP68 ø da 7 a 12mm IP68 connector ø 7 to 12mm
NE	
185	Cassaforma per incasso Recessed formwork



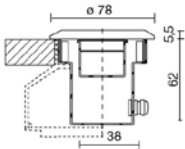


Eyes 80 pass



Carico statico 500 kg - Static load 500 kg

- Corpo in acciaio Inox.
- Viterie in acciaio Inox.
- Guarnizioni in gomma siliconica.
- Schermo diffusore in metacrilato.
- Copertura in acciaio Inox lucidata.
- Cassaforma di contenimento in PA (da ordinare a parte).
- Pressacavo in ottone nichelato PG7 (diametro cavi utilizzabili 5÷7 mm).
- Body of stainless steel.
- Stainless steel screws.
- Silicon rubber gaskets.
- Methacrylate diffuser.
- Polished stainless steel top plate.
- External housing made of PA (to be ordered separately).
- PG7 nickel brass cable gland (use cables diameter 5÷7 mm).



CODICE - CODE	W	LM	K	V	CRI	KG	T°	
E8394-VD-LBC	12W	90	3000	350mA	>80	0,8	36°	◆
E8394-VD-LBN		100	4000					
E8394-VD-LRO	2W	140	6000					
E8394-VD-LBL		16	470nm					
RGB								
E8394-VD-RGB	3W	-	RGB 	350mA	>80	0,8	36°	◆

DRIVER CONSIGLIATI - RECOMMENDED DRIVERS

646258-67	DRIVER ON-OFF	13W	IP67	350mA
644758	DRIVER ON-OFF	8W	IP20	350mA
645732	DRIVER ON-OFF- multi switch	6.3÷42W	IP20	150÷1050mA
J350-68-LED	ON-OFF	15W	IP68	350mA
645939	DRIVER DIM DALI	7÷26W	IP20	150÷700mA

OPZIONI - OPTIONAL

...TSC TORX Viti di sicurezza
Safety screws

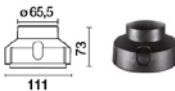


ACCESSORI - ACCESSORIES

NE 646308 Connettore IP68 ø da 7 a 12mm
IP68 connector ø 7 to 12mm



NE 185 Cassaforma per incasso
Recessed formwork





INCASSI PLAFONE • CEILING RECESSED



		OLODUM-RULED 180 MDF LOCKsystem	OLODUM-RULED 220 MDF LOCKsystem	OLODUM 220 MDF LOCKsystem	OLODUM 130 FULL-GLASS	OLODUM 130 COVER	OLODUM 220 COVER
FAMIGLIA		OLODUM LOCK SYSTEM			OLODUM FULL GLASS	OLODUM COVER	
FORMA SHAPE							
ASSORBIMENTO LAMP WATT	W	9,5	20	20	14,9	3	14,2 - 28,4
FLUSSO LUMINOSO LIGHT FLOW	Lm	641 - 1039	1282 - 2015	1865 - 2237	869 - 1207	29 - 55	205 - 432
TEMPERATURA DI COLORE COLOR TEMPERATURE	K	3000 4000	3000 4000	4000 3000	3000 4000	3000 4000 6000 470nm	3000 4000
RESA CROMATICA COLOR RENDERING	CRI	>90	>90	>90	>90	>90	>90
OTTICA OPTICAL		60°	60°	18 - 65°	15 - 40°	90°	
CLASSE DI ISOLAMENTO INSULATION CLASS							
IP RATING		IP 67	IP 67	IP 67	IP 67	IP 67	IP 67
DA INTERRARE INGROUND		◆	◆	◆	◆	◆	◆
CALPESTABILE WALK ON		◆	◆	◆	◆	◆	◆
CARRABILE DRIVE ON		◆	◆	◆	◆	◆	◆
PAG.		99	100	101	103	104	105





Olodum 130 C



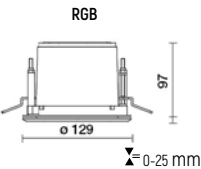
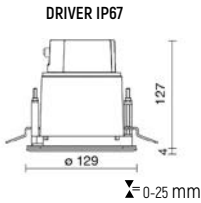
Foro d'incasso
Recessed hole



BUG: B2-U0-G0
CEN: 92-97-100-100-100

- Apparecchi da incasso per controsoffitto.
- Corpo in pressofusione di alluminio, verniciato in polveri con pretrattamento speciale per esterni.
- Anello di finitura in acciaio Inox (AISI 316).
- Vetro di protezione temperato trasparente.
- Pressacavo in ottone nichelato PG11.

- Recessed luminaires for false ceiling.
- Die-cast aluminum body, powder-coated with special pre-treatment for outdoor use.
- Stainless steel (AISI 316) finishing ring.
- Transparent tempered safety glass.
- PG11 nickel-plated brass cable gland.



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG	DRIVER
INOX	E8185CI-LBC15	15°	14,9W	896					
	E8185CI-LBC24	24°		1207	3000				
	E8185CI-LBC40	40°	14,9W	1136		220-240V (350mA)			
	E8185CI-LBN15	15°	14,9W	965			>90	1,45	
	E8185CI-LBN24	24°		1274	4000				
	E8185CI-LBN40	40°	14,9W	1194					
RGB									
INOX	E8185-I-RGB10	10°							
	E8185-I-RGB30	30°	14,4W	-	RGB	350mA	>90	2,2	
	E8185-I-RGB45	45°							

ACCESSORI - ACCESSORIES

NE 646308 Connettore IP68 ø da 7 a 12mm
IP68 connector ø 7 to 12mm



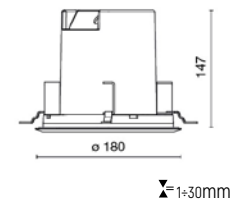
E960 Ventosa per rimozione vetro
Suction cup for glass removal



62 mm



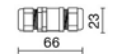
- Body in polymeric material.
- High resistance to marine and heavy salt environments.
- Stainless steel (AISI 316L) frame.
- PG13,5 cable gland of thermoplastic material.
- Tempered glass 10 mm thick



	CODICE - CODE	BEAM	W	LM	K	V	CRI	KG
INOX	E8271I-LBC-S	15°		-				
	E8271I-LBC-FL	30°		1186	3000			
	E8271I-LBC-WF	45°		1209				
	E8271I-LBN-S	15°	9,1W	1239		220-240V (250mA)	>90	1,8
	E8271I-LBN-FL	30°		1186	4000			
	E8271I-LBN-WF	45°		1209				

A richiesta: cavo con sistema acqua-stop
Optional: cable with water-stop system

NE	646308	Connettore IP68 ø da 7 a 12mm IP68 connector ø 7 to 12mm
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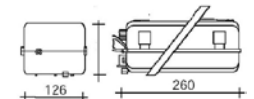


E960 Ventosa per rimozione vetro
Suction cup for glass removal



INV 1052 Versione EMERGENZA aggiungendo il KIT
EMERGENCY version adding KIT
KIT 1h IP20

INV 1052-3 Versione EMERGENZA aggiungendo il KIT
EMERGENCY version adding KIT
KIT 3h IP20





Olodum 220 C



A RICHIESTA - ON REQUEST



aggiungendo il KIT - version adding KIT

Foro d'incasso
Recessed hole

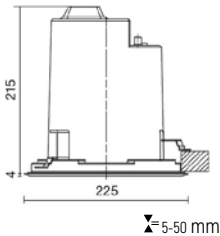


BUG: B0-U0-G0
CEN: 73-91-99-100-100



- Apparecchi da incasso per controsoffitto.
- Corpo in pressofusione di alluminio, verniciato in polveri con pretrattamento speciale per esterni.
- Anello di finitura in acciaio Inox (AISI 316).
- Vetro di protezione temperato trasparente.
- Pressacavo in ottone nichelato PG13,5.

- Recessed luminaires for false ceiling.
- Die-cast aluminum body, powder-coated with special pre-treatment for outdoor use.
- Stainless steel (AISI 316) finishing ring.
- Transparent tempered safety glass.
- PG13.5 nickel-plated brass cable gland.



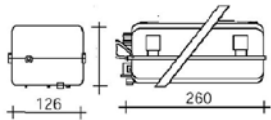
CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
LUCE SIMMETRICA - SIMMETRIC LIGHT								
INOX	E81281-LBC-S	18°						
	E81281-LBC-FL	40°		2074	3000			
	E81281-LBC-WF	60°	20W			220-240V (500mA)	>90	3,6
	E81281-LBN-S	18°						
	E81281-LBN-FL	40°		2237	4000			
	E81281-LBN-WF	60°						
LUCE ASIMMETRICA - ASYMMETRICAL LIGHT								
INOX	E81281-LBC-AS	AS°	20W	1764	3000	220-240V (500mA)	>90	3,6
	E81281-LBN-AS			1903	4000			

OPZIONI - OPTIONAL

A richiesta: cavo con sistema acqua-stop
Optional: cable with water-stop system

ACCESSORI - ACCESSORIES

NE	646308	Connettore IP68 ø da 7 a 12mm IP68 connector ø 7 to 12mm
	E960	Ventosa per rimozione vetro Suction cup for glass removal
	INV 1052	Versione EMERGENZA aggiungendo il KIT EMERGENCY version adding KIT KIT 1h IP20
	INV 1052-3	Versione EMERGENZA aggiungendo il KIT EMERGENCY version adding KIT KIT 3h IP20



MODULO LED BASCULANTE ±15°
LED MODULE ADJUSTABLE ±15°

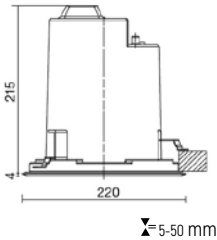


Olodum 220 C mdf

IP 67 IK 10         Foro d'incasso Recessed hole  Ø 201 mm

- Corpo in materiale polimerico.
- Alta resistenza ambiente marino o ad alta salinità.
- Anello di finitura in acciaio Inox (AISI 316L).
- Pressacavo in ottone nichelato PG13,5.
- Vetro temperato di spessore 10 mm.

- Body in polymeric material.
- High resistance to marine and heavy salt environments.
- Stainless steel (AISI 316L).
- PG13,5 cable gland of nickel plated brass.
- Tempered glass 10 mm thick.



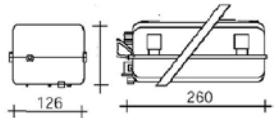
CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
LUCE SIMMETRICA - SYMMETRIC LIGHT								
INOX	E8129I-LBC-S	15°						
	E8129I-LBC-FL	45°		2074	3000			
	E8129I-LBC-WF	65°				220-240V (500mA)	>90	3,6
	E8129I-LBN-S	15°	20W					
	E8129I-LBN-FL	45°		2237	4000			
	E8129I-LBN-WF	65°						
LUCE ASIMMETRICA - ASYMMETRICAL LIGHT								
INOX	E8129I-LBC-AS	AS°	20W	2060	3000	220-240V (500mA)	>90	3,6
	E8129I-LBN-AS			2223	4000			

OPZIONI - OPTIONAL

A richiesta: cavo con sistema acqua-stop
Optional: cable with water-stop system

ACCESSORI - ACCESSORIES

NE	646308	Connettore IP68 Ø da 7 a 12mm IP68 connector Ø 7 to 12mm
	E960	Ventosa per rimozione vetro Suction cup for glass removal
	INV 1052	Versione EMERGENZA aggiungendo il KIT EMERGENCY version adding KIT KIT 1h IP20
	INV 1052-3	Versione EMERGENZA aggiungendo il KIT EMERGENCY version adding KIT KIT 3h IP20



Ruled linear IP 65 incasso

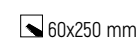
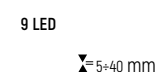
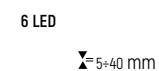
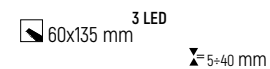


| A RICHIESTA - ON REQUEST



- Corpo in estruso di alluminio verniciato.
- Testate in pressofusione in alluminio verniciato.
- Verniciatura in polveri di poliestere.
- Ottica con riflettori in policarbonato metallizzati a specchio.
- Vetro di protezione trasparente extra chiaro serigrafato.
 - corpo nero con serigrafia in nero,
 - corpo bianco con serigrafia in bianco.
- Pressacavo in ottone nichelato.
- Led durata utile: 50.000 [h] L80 B20

- Painted extruded aluminium body.
- Painted die-cast aluminium end caps.
- Polyester powder coating.
- Optics with mirror metallised polycarbonate reflectors.
- Transparent extra-clear screen-printed safety glass.
- black body with silk-screen printing in black,
- white body with silk-screen printing in white.
- Nickel-plated brass cable gland.
- LED service life: 50,000 (h) L80 B20



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
3 LED - L133mm								
BI	E3911-LBC-75	75°	9,5W	1278	3000	400mA	>80	0,35
NE	E3910-LBC-75							
BI	E3911-LBN-75							
NE	E3910-LBN-75			1383	4000			
6 LED - L.248mm								
BI	E3916-LBC-75	75°	19W	2556	3000	400mA	>80	0,85
NE	E3915-LBC-75							
BI	E3916-LBN-75			2766				
NE	E3915-LBN-75				4000			
9 LED - L.362mm								
BI	E3921-LBC-75	75°	28,5W	3833	3000	400mA	>80	1,5
NE	E3920-LBC-75							
BI	E3921-LBN-75							
NE	E3920-LBN-75			4150	4000			

DRIVER CONSIGLIATI - RECOMMENDED DRIVERS

645732	DRIVER ON-OFF - multi switch	6.3÷42W	IP20	150÷1050mA
646777	DRIVER DALI+PUSH/DIM	42W	IP20	150÷1050mA

OPZIONI - OPTIONAL

A richiesta: Ampiezza fascio - - On request: Beam - 12° - 55° - AS - AE

A richiesta: 12 Led e multipli di 3 - - On request: 12 Led and multiples of 3



Olodum 130



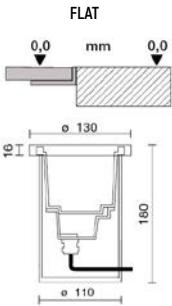
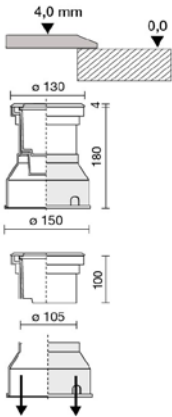
STANDARD



FLAT



GU10



Velocità max carrabilità 20 km/h km/h - Drive-over max speed 20 km/h km/h
Carico statico 2000 kg - Static load 2000 kg

- Corpo in pressofusione di alluminio verniciato in polveri con pretrattamento speciale per esterni.
- Anello di finitura in acciaio Inox (AISI 316).
- Pressacavo in ottone nichelato PG11.
- Vetro temperato di spessore 10 mm.

- Die-cast aluminum body powder coated with special pre-treatment for outdoor use.
- Stainless steel (AISI 316) finishing ring.
- PG11 nickel-plated brass cable gland.
- Tempered glass of 10 mm thickness.

CODICE - CODE	BEAM	W	LM	K	V	CRI	KG	T°		
E8184C-LBC-15	15°	14,9W	896							
E8184C-LBC-24	24°		1207	3000						
E8184C-LBC-40	40°	14,9W	1136							
E8184C-LBN-15	15°	14,9W	965		220-240V (350mA)	>90	190	55°	◆	◆
E8184C-LBN-24	24°		1274	4000						
E8184C-LBN-40	40°	14,9W	1194							

CODICE - CODE	KG
SENZA LAMPADA - WITHOUT LAMP	
INOX E8186-R	22



FLAT										
E8384CT-LBC15	15°	14,9W	896							
E8384CT-LBC24	24°		1207	3000						
E8384CT-LBC40	40°	14,9W	1136							
E8384CT-LBN15	15°	14,9W	965		220-240V (350mA)	>90	210	55°	◆	◆
E8384CT-LBN24	24°		1274	4000						
E8384CT-LBN40	40°	14,9W	1194							

OPZIONI - OPTIONAL

A richiesta: cavo con sistema acqua-stop
Optional: cable with water-stop system

ACCESSORI - ACCESSORIES

NE 646308 Connettore IP68 ø da 7 a 12mm
IP68 connector ø 7 to 12mm



E960 Ventosa per rimozione vetro
Suction cup for glass removal



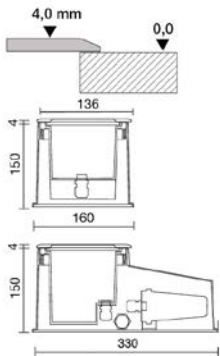


Olodum 130-Q



Velocità max carrabilità 20 km/h km/h - Drive-over max speed 20 km/h km/h
Carico statico 2000 kg - Static load 2000 kg

- Corpo in pressofusione di alluminio, verniciato in polveri con pretrattamento speciale per esterni.
 - Anello di bloccaggio del vetro in acciaio Inox (AISI 316).
 - Vetro in cristallo temperato e trasparente di spessore 10 mm.
 - Completo di pozzetto in materiale termoplastico e di guarnizione in silicone.
 - Pressacavo in ottone nichelato PG11.
-
- Spot made of die-cast aluminium, powder coated with pretreatment for outdoor use.
 - Stainless steel (AISI 316) frame.
 - Finishing tempered glass 10 mm thick.
 - Gasket of glass and cover in silicone rubber with external housing of thermoplastic material.
 - Cable gland of nickel plated brass with predisposition for through wiring PG11.



CODICE - CODE	BEAM	W	LM	K	V	CRI	KG	T°		
E7120C-LBC-15	15°	14,9W	896							
E7120C-LBC-24	24°	14,9W	1207	3000						
E7120C-LBC-40	40°	14,5W	886		220-240V (350mA)	>90	1,8	45°	◆	◆
E7120C-LBN-15	15°	14,9W	965							
E7120C-LBN-24	24°	14,9W	1274	4000						
E7120C-LBN-40	40°	14,5W	886							

OPZIONI - OPTIONAL

A richiesta: cavo con sistema acqua-stop
Optional: cable with water-stop system

...TSC TORX

Viti di sicurezza
Safety screws



ACCESSORI - ACCESSORIES

NE 646308

Connettore IP68 ø da 7 a 12mm - IP68 connector ø 7 to 12mm



E960

Ventosa per rimozione vetro - Suction cup for glass removal

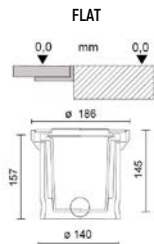
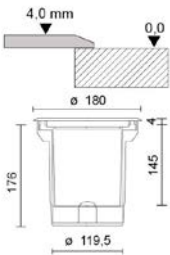


Olodum 180 mdf short



Velocità max carrabilità 5 km/h km/h - Drive-over max speed 5 km/h km/h
Carico statico 1000 kg - Static load 1000 kg

- Corpo in materiale polimerico.
 - Alta resistenza ambiente marino o ad alta salinità.
 - Anello di finitura in acciaio Inox (AISI 316L).
 - Pressacavo in ottone nichelato PG7.
 - Vetro temperato di spessore 10 mm.
- Body in polymeric material.
 - High resistance to marine and heavy salt environments.
 - Stainless steel (AISI 316L) frame.
 - PG7 cable gland of nickel plated brass.
 - Tempered glass 10 mm thick.

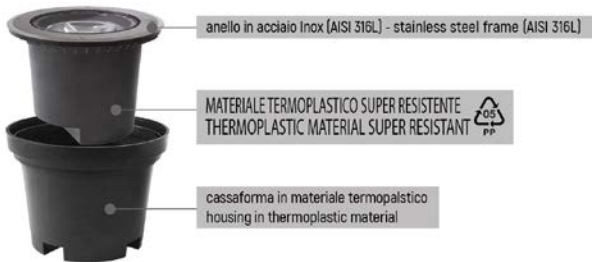


CODICE - CODE		BEAM	W	LM	K	V	CRI	KG	T°		
LUCE SIMMETRICA - SYMMETRIC LIGHT											
E8272-LBC-S		15°									
E8272-LBC-FL		30°		1129	3000						
INOX	E8272-LBC-WF	40°									
	E8272-LBN-S	15°	9,1W			220-240V (250mA)	> 90	3,4	45°	◆	◆
	E8272-LBN-FL	30°		1209	4000						
	E8272-LBN-WF	40°									
LUCE ASIMMETRICA - ASYMMETRICAL LIGHT											
INOX	E8272-LBC-AS	AS°	9W	865	3000	220-240V (250mA)	> 90	3,4	45°	◆	◆
	E8272-LBN-AS	AS°	9W	1045	4000	220-240V (250mA)	> 90	3,4	45°	◆	◆

LUCE SIMMETRICA - SYMMETRIC LIGHT											
E8277T-LBC-S		15°									
E8277T-LBC-FL		30°		1129	3000						
INOX	E8277T-LBC-WF	40°									
	E8277T-LBN-S	15°	9,1W			220-240V (250mA)	> 90	3,4	45°	◆	◆
	E8277T-LBN-FL	30°		1209	4000						
	E8277T-LBN-WF	40°									
LUCE ASIMMETRICA - ASYMMETRIC LIGHT											
INOX	E8277T-LBC-AS	AS°	9W	968	3000	220-240V (250mA)	> 90	3,4	45°	◆	◆
	E8277T-LBN-AS	AS°	9W	1045	4000	220-240V (250mA)	> 90	3,4	45°	◆	◆

OPZIONI - OPTIONAL		
	A richiesta: cavo con sistema acqua-stop Optional: cable with water-stop system	
...-TSC TORX	Viti di sicurezza Safety screws	

ACCESSORI - ACCESSORIES		
NE	646308	Connettore IP68 ø da 7 a 12mm IP68 connector ø 7 to 12mm
	E960	Ventosa per rimozione vetro Suction cup for glass removal

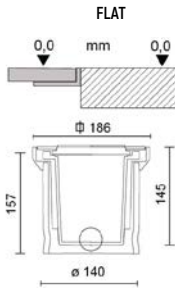


Olodum 180-Q flat mdf short



Velocità max carrabilità 5 km/h km/h - Drive-over max speed 5 km/h km/h
Carico statico 2000 kg - Static load 2000 kg

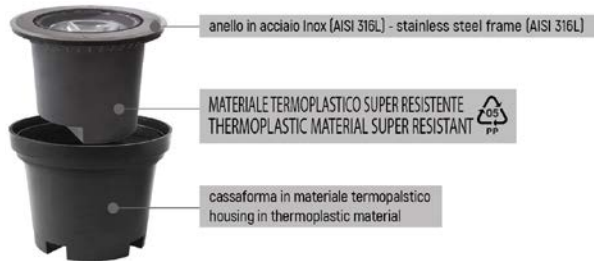
- Corpo in materiale polimerico.
 - Alta resistenza ambiente marino o ad alta salinità.
 - Anello di finitura in acciaio Inox (AISI 316L).
 - Pressacavo in ottone nichelato PG7.
 - Vetro temperato di spessore 10 mm.
- Body in polymeric material.
 - High resistance to marine and heavy salt environments.
 - Stainless steel (AISI 316L) frame.
 - PG7 cable gland of nickel plated brass.
 - Tempered glass 10 mm thick.



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG	T°		
LUCE SIMMETRICA - SYMMETRIC LIGHT											
E8277-LBC-S		15°									
E8277-LBC-FL		30°		1129	3000						
INOX	E8277-LBC-WF	40°									
	E8277-LBN-S	15°	9,1W			220-240V (250mA)	> 90	3,4	45°	◆	◆
	E8277-LBN-FL	30°		1209	4000						
	E8277-LBN-WF	40°									
LUCE ASIMMETRICA - ASYMMETRIC LIGHT											
INOX	E8277-LBC-AS	AS°	9,1W	1129	3000	220-240V (250mA)	> 90	3,4	45°	◆	◆
	E8277-LBN-AS	AS°	9,1W	1209	4000	220-240V (250mA)	> 90	3,4	45°	◆	◆

OPZIONI - OPTIONAL		
	A richiesta: cavo con sistema acqua-stop Optional: cable with water-stop system	
...-TSC TORX	Viti di sicurezza Safety screws	

ACCESSORI - ACCESSORIES		
NE	646308	Connettore IP68 ø da 7 a 12mm IP68 connector ø 7 to 12mm
	E960	Ventosa per rimozione vetro Suction cup for glass removal





Olodum 220

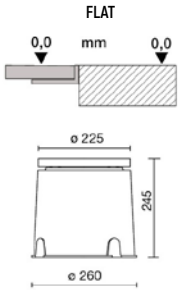
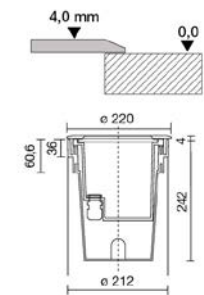


A RICHIESTA - ON REQUEST



Velocità max carrabilità 20 km/h km/h - Drive-over max speed 20 km/h km/h
Carico statico 2000 kg - Static load 2000 kg

- Corpo in pressofusione di alluminio, verniciato in polveri con pretrattamento speciale per esterni.
- Anello di finitura in acciaio Inox (AISI 316).
- Pressacavo in ottone nichelato PG13,5.
- Vetro temperato di spessore 10 mm.
- Die-cast aluminum body, powder coated with special outdoor pretreatment.
- Stainless steel (AISI 316) finishing ring.
- PG13.5 nickel-plated brass cable gland.
- Tempered glass of 10 mm thickness.



CODICE - CODE	BEAM	W	LM	K	V	CRI	KG	T°		
LUCE SIMMETRICA - SYMMETRIC LIGHT										
E8128-LBC-S	15°		2074	3000						
E8128-LBC-FL	45°									
E8128-LBC-WF	65°	20W	1865		220-240V (500mA)	>90	3,8	45°	◆	◆
E8128-LBN-S	15°		2237	4000						
E8128-LBN-FL	45°									
E8128-LBN-WF	65°		2012							
LUCE ASIMMETRICA - ASYMMETRICAL LIGHT										
E8128-LBC-AS	AS°	20W	1764	3000	220-240V (500mA)	>90	3,8	45°	◆	◆
E8128-LBN-AS	AS°	20W	1903	4000	220-240V (500mA)	>90	3,8	45°	◆	◆

LUCE SIMMETRICA - SYMMETRIC LIGHT										
E8131T-LBC-S	15°		2076	3000						
E8131T-LBC-FL	45°									
E8131T-LBC-WF	65°	20W			220-240V (500mA)	>90	3,8	45°	◆	◆
E8131T-LBN-S	15°									
E8131T-LBN-FL	45°		2240	4000						
E8131T-LBN-WF	65°									
LUCE ASIMMETRICA - ASYMMETRICAL LIGHT										
E8131T-LBC-AS	AS°	20W	2060	3000	220-240V (500mA)	>90	3,8	45°	◆	◆
E8131T-LBN-AS	AS°	20W	2223	4000	220-240V (500mA)	>90	3,8	45°	◆	◆

OPZIONI - OPTIONAL

- ...TSC TORX Viti di sicurezza
Safety screws
- A richiesta: cavo con sistema acqua-stop
Optional: cable with water-stop system
- 568252 Griglia antivandalo
Vandal-proof grid



ACCESSORI - ACCESSORIES

- NE 646308 Connettore IP68 ø da 7 a 12mm
IP68 connector ø 7 to 12mm
- E960 Ventosa per rimozione vetro
Suction cup for glass removal





Olodum 220 mdf

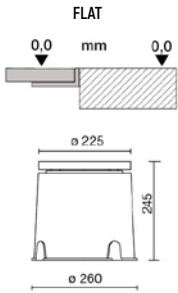
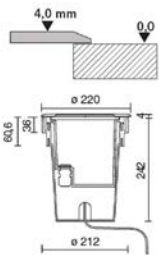


A RICHIESTA - ON REQUEST



Velocità max carrabilità 5 km/h km/h - Drive-over max speed 5 km/h km/h
Carico statico 1000 kg - Static load 1000 kg

- Corpo in materiale polimerico.
- Alta resistenza ambiente marino o ad alta salinità.
- Anello di finitura in acciaio Inox (AISI 316L).
- Pressacavo in ottone nichelato PG13.5.
- Vetro temperato di spessore 10 mm.
- Body in polymeric material.
- High resistance to marine and heavy salt environments.
- Stainless steel (AISI 316L) frame.
- PG13,5 cable gland of nickel plated brass.
- Tempered glass 10 mm thick.



CODICE - CODE	BEAM	W	LM	K	V	CRI	KG	T°		
LUCE SIMMETRICA - SYMMETRIC LIGHT										
E8129-LBC-S	15°		2074							
E8129-LBC-FL	45°		2060	3000						
E8129-LBC-WF	65°	20W	1865		220-240V (500mA)	>90	3,8	45°	◆	◆
E8129-LBN-S	15°		2237						◆	◆
E8129-LBN-FL	45°		2223	4000						
E8129-LBN-WF	65°		2012							
LUCE ASIMMETRICA - ASYMMETRICAL LIGHT										
E8129-LBC-AS	AS°	20W	1764	3000	220-240V (500mA)	>90	3,8	45°	◆	◆
E8129-LBN-AS	AS°	20W	2223	4000					◆	◆

LUCE SIMMETRICA - SYMMETRIC LIGHT										
E8132T-LBC-S	15°		2074							
E8132T-LBC-FL	45°		2060	3000						
E8132T-LBC-WF	65°	20W	1865		220-240V (500mA)	>90	3	45°	◆	◆
E8132T-LBN-S	15°		2237						◆	◆
E8132T-LBN-FL	45°		2223	4000						
E8132T-LBN-WF	65°		2012							
LUCE ASIMMETRICA - ASYMMETRICAL LIGHT										
E8132T-LBC-AS	AS°	20W	1764	3000	220-240V (500mA)	>90	3	45°	◆	◆
E8132T-LBN-AS	AS°	20W	2223	4000					◆	◆

OPZIONI - OPTIONAL

- ...TSC TORX Viti di sicurezza
Safety screws
- A richiesta: cavo con sistema acqua-stop
Optional: cable with water-stop system
- 568252 Griglia antivandalo
Vandal-proof grid



MODULO LED BASCULANTE ±15°
LED MODULE ADJUSTABLE ±15°

- ACCESSORI - ACCESSORIES**
- NE 646308 Connettore IP68 ø da 7 a 12mm
IP68 connector ø 7 to 12mm
- E960 Ventosa per rimozione vetro
Suction cup for glass removal



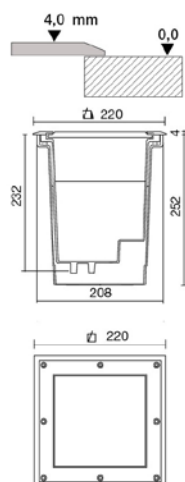
Olodum 220-Q



Velocità max carrabilità 20 km/h km/h - Drive-over max speed 20 km/h km/h
Carico statico 2000 kg - Static load 2000 kg
Apertura fascio 10° - 40° - Light beam 10° - 40°

- Corpo in pressofusione di alluminio, verniciato in polveri con pretrattamento speciale per esterni.
- Anello di finitura in acciaio Inox [AISI 316].
- Pressacavo in ottone nichelato PG13,5.
- Vetro temperato di spessore 10 mm.

- Die-cast aluminum body, powder coated with special outdoor pretreatment.
- Stainless steel (AISI 316) finishing ring.
- PG13.5 nickel-plated brass cable gland.
- Tempered glass of 10 mm thickness.



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG	T°			
INOX	E7070-LBC	20°	29W	3449	3000	220-240V [750mA]	>90	4	50°	◆	◆	
	E7070-LBN			3345	4000							

OPZIONI - OPTIONAL

A richiesta: cavo con sistema acqua-stop
Optional: cable with water-stop system

...-TSC TORX

Viti di sicurezza
Safety screws



ACCESSORI - ACCESSORIES

NE 646308

Connettore IP68 ø da 7 a 12mm
IP68 connector ø 7 to 12mm

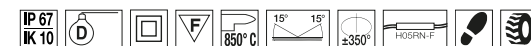


E960

Ventosa per rimozione vetro
Suction cup for glass removal



Olodum 220-Q flat mdf



A RICHIESTA - ON REQUEST



Velocità max carrabile 5 km/h km/h - Drive-over max speed 5 km/h km/h
Carico statico 1000 kg - Static load 1000 kg

- Alta resistenza ambiente marino o ad alta salinità.
- Anello di finitura in acciaio Inox (AISI 316L).
- Pressacavo in ottone nichelato PG13,5.
- Vetro temperato di spessore 10 mm.
- Body in thermoplastic material.
- High resistance to marine and heavy salt environments.
- Stainless steel (AISI 316L) frame.
- PG13,5 cable gland of nickel plated brass.
- Tempered glass, 10 mm thick.



	CODICE - CODE	BEAM	W	LM	K	V	CRI	KG	T°		
INOX	LUCE SIMMETRICA - SYMMETRICAL LIGHT										
	E8132-LBC-S	15°									
	E8132-LBC-FL	45°		2060	3000						
	E8132-LBC-WF	65°	20W			220-240V (500mA)	>90	3	45°	◆	◆
	E8132-LBN-S	15°									
	E8132-LBN-FL	45°		2223	4000						
	E8132-LBN-WF	65°									
INOX	LUCE ASIMMETRICA - ASYMMETRICAL LIGHT										
	E8132-LBC-AS		20W	2060	3000	220-240V (500mA)	>90	3	45°	◆	◆
	E8132-LBN-AS			2223	4000						

OPZIONI - OPTIONAL

A richiesta: cavo con sistema acqua-stop
Optional: cable with water-stop system

ACCESSORI - ACCESSORIES

NE 646308

Connettore IP68 ø da 7 a 12mm
IP68 connector ø 7 to 12mm



E960

Ventosa per rimozione vetro
Suction cup for glass removal



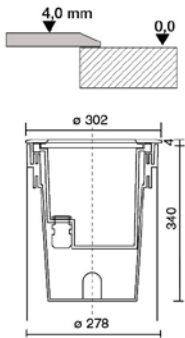


Olodum 300



Velocità max carrabilità 20 km/h km/h - Drive-over max speed 20 km/h km/h
Carico statico 2000 kg - Static load 2000 kg

- Corpo in pressofusione di alluminio, verniciato in polveri con pretrattamento speciale per esterni.
- Anello di finitura in acciaio Inox (AISI 316).
- Pressacavo in ottone nichelato PG13,5.
- Vetro temperato di spessore 10 mm.
- Die-cast aluminum body, powder coated with special outdoor pretreatment.
- Stainless steel (AISI 316) finishing ring.
- PG13.5 nickel-plated brass cable gland.
- Tempered glass of 10 mm thickness.



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG	T°		
INOX	E8340-LBC-S	20°		4241							
	E8340-LBC-FL	40°		4208	3000						
	E8340-LBC-WF	60°		3805		220-240V [900mA]	>90	9	55°	◆	◆
	E8340-LBN-S	20°	35W	4338							
	E8340-LBN-FL	40°		4305	4000						
	E8340-LBN-WF	60°		3893							
DIMMER 1÷10V											
INOX	E8340-LBC-SD	20°		4241							
	E8340-LBC-FLD	40°		4208	3000						
	E8340-LBC-WFD	60°		3805		220-240V [900mA]	>90	9	55°	◆	◆
	E8340-LBN-SD	20°	35W	4338							
	E8340-LBN-FLD	40°		4305	4000						
	E8340-LBN-WFD	60°		3893							
wall											
INOX	E8340LBC-SDA	20°		4241							
	E8340LBC-FLDA	40°		4208	3000						
	E8340LBC-WFDA	60°		3805		220-240V [900mA]	>90	9	55°	◆	◆
	E8340LBN-SDA	20°	35W	4338							
	E8340LBN-FLDA	40°		4305	4000						
	E8340LBN-WFDA	60°		3893							

ACCESSORI - ACCESSORIES

NE 646308 Connettore IP68 ø da 7 a 12mm
IP68 connector ø 7 to 12mm



E960 Ventosa per rimozione vetro
Suction cup for glass removal



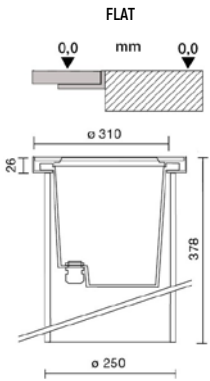
Olodum 300 flat



Velocità max carrabilità 20 km/h km/h - Drive-over max speed 20 km/h km/h
Carico statico 2000 kg - Static load 2000 kg

- Corpo in pressofusione di alluminio, verniciato in polveri con pretrattamento speciale per esterni.
- Anello di finitura in acciaio Inox (AISI 316).
- Pressacavo in ottone nichelato PG13,5.
- Vetro temperato di spessore 10 mm.

- Die-cast aluminum body, powder coated with special outdoor pretreatment.
- Stainless steel (AISI 316) finishing ring.
- PG13.5 nickel-plated brass cable gland.
- Tempered glass of 10 mm thickness.



	CODICE - CODE	BEAM	W	LM	K	V	CRI	KG	T°		
INOX	E8346-LBC-S	20°		4241							
	E8346-LBC-FL	40°		4208	3000						
	E8346-LBC-WF	60°		3805		220-240V [900mA]	>90	9	55°	◆	◆
	E8346-LBN-S	20°	35W	4338							
	E8346-LBN-FL	40°		4305	4000						
	E8346-LBN-WF	60°		3893							
INOX	DIMMER 1+10V										
	E8346-LBC-SD	20°		4241							
	E8346-LBC-FLD	40°		4208	3000						
	E8346-LBC-WFD	60°		3805		220-240V [900mA]	>90	9	55°	◆	◆
	E8346-LBN-SD	20°	35W	4338							
	E8346-LBN-FLD	40°		4305	4000						
INOX	E8346-LBN-WFD	60°		3893							
	WATT										
	E8346LBC-SDA	20°		4241							
	E8346LBC-FLDA	40°		4208	3000						
	E8346LBC-WFDA	60°		3805		220-240V [900mA]	>90	9	55°	◆	◆
	E8346LBN-SDA	20°	35W	4338							
INOX	E8346LBN-FLDA	40°		4305	4000						
	E8346LBN-WFDA	60°		3893							

ACCESSORI - ACCESSORIES

NE **646308** Connettore IP68 ø da 7 a 12mm
IP68 connector ø 7 to 12mm



E960 Ventosa per rimozione vetro
Suction cup for glass removal



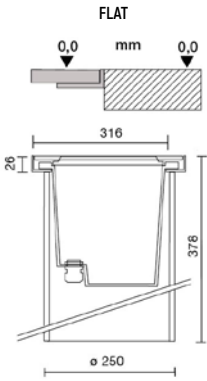
Olodum 300-Q flat



Velocità max carrabilità 20 km/h km/h - Drive-over max speed 20 km/h km/h
Carico statico 2000 kg - Static load 2000 kg

- Corpo in pressofusione di alluminio, verniciato in polveri con pretrattamento speciale per esterni.
- Anello di finitura in acciaio Inox (AISI 316).
- Pressacavo in ottone nichelato PG13,5.
- Vetro temperato di spessore 10 mm.

- Die-cast aluminum body, powder coated with special outdoor pretreatment.
- Stainless steel (AISI 316) finishing ring.
- PG13.5 nickel-plated brass cable gland.
- Tempered glass of 10 mm thickness.



	CODICE - CODE	BEAM	W	LM	K	V	CRI	KG	T°		
INOX	E8345-LBC-S	20°		4241							
	E8345-LBC-FL	40°		4208	3000						
	E8345-LBC-WF	60°		3805		220-240V [900mA]	> 90	9		◆	◆
	E8345-LBN-S	20°	35W	4338							
	E8345-LBN-FL	40°		4305	4000						
	E8345-LBN-WF	60°		3893							
INOX	DIMMER 1+10V										
	E8345-LBC-SD	20°		4241							
	E8345-LBC-FLD	40°		4208	3000						
	E8345-LBC-WFD	60°		3805		220-240V [900mA]	> 90	9		◆	◆
	E8345-LBN-SD	20°	35W	4338							
	E8345-LBN-FLD	40°		4305	4000						
INOX	E8345-LBN-WFD	60°		3893							
	WATT										
	E8345LBC-SDA	20°		4241							
	E8345LBC-FLDA	40°		4208	3000						
	E8345LBC-WFDA	60°		3805		220-240V [900mA]	> 90	9		◆	◆
	E8345LBN-SDA	20°	35W	4338							
INOX	E8345LBN-FLDA	40°		4305	4000						
	E8345LBN-WFDA	60°		3893							

OPZIONI - OPTIONAL

...TSC TORX Viti di sicurezza
Safety screws



ACCESSORI - ACCESSORIES

NE **646308** Connettore IP68 ø da 7 a 12mm
IP68 connector ø 7 to 12mm



E960 Ventosa per rimozione vetro
Suction cup for glass removal

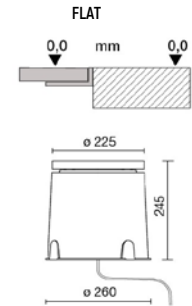
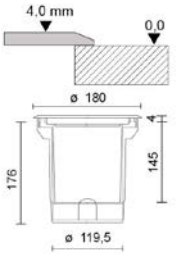


Olodum-Ruled 180 mdf



Velocità max carrabilità 5 km/h km/h - Drive-over max speed 5 km/h km/h
Carico statico 1000 kg - Static load 1000 kg
Cavo di alimentazione con dispositivo anti-traspirazione acqua - Power cable with anti-transpiration device

- Corpo in materiale polimerico.
- Anello di finitura in acciaio Inox (AISI 316L).
- Alta resistenza ambiente marino o ad alta salinità.
- Pressacavo in poliammide PG7.
- Vetro temperato di spessore 10 mm.
- Completo di cassaforma.
- Body in polymeric material.
- Stainless steel (AISI 316L) frame.
- High resistance to marine and heavy salt environments.
- PG7 cable gland of polyamide.
- Tempered glass 10 mm thick.
- Housing included.



CODICE - CODE	BEAM	W	LM	K	V	CRI	KG	T°		
E8272-LBC-12	12°		981							
E8272-LBC-55	45°		855							
E8272-LBC-75	60°		855	3000						
E8272-LBC-ASI	ASI°		641							
E8272-LBC-AE	AE°		952							
E8272-LBN-12	12°	9,5W	1039		220-240V (350mA)	>90	1,8	42°	◆	◆
E8272-LBN-55	45°		905							
E8272-LBN-75	60°		905	4000						
E8272-LBN-ASI	ASI°		678							
E8272-LBN-AE	AE°		1008							

CODICE - CODE	BEAM	W	LM	K	V	CRI	KG	T°		
E8272F-LBC-12	12°		981							
E8272F-LBC-55	45°		855							
E8272F-LBC-75	60°		855	3000						
E8272F-LBC-ASI	ASI°		641							
E8272F-LBC-AE	AE°		952							
E8272F-LBN-12	12°	9,5W	1039		220-240V (350mA)	>90	1,8	42°	◆	◆
E8272F-LBN-55	45°		905							
E8272F-LBN-75	60°		1039	4000						
E8272F-LBN-ASI	ASI°		678							
E8272F-LBN-AE	AE°		1008							

OPZIONI - OPTIONAL

...-TSC TORX Viti di sicurezza
Safety screws



A richiesta: cavo con sistema acqua-stop
Optional: cable with water-stop system

ACCESSORI - ACCESSORIES

- NE 646308 Connettore IP68 ø da 7 a 12mm
IP68 connector ø 7 to 12mm
- NE 646636 Connettore IP68 a "T" ø da 7 a 10mm per file continue
IP68 "T" connector ø 7 to 10mm for continuous rows

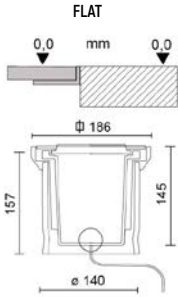


Olodum-Ruled 180-Q flat mdf



Velocità max carrabilità 5 km/h km/h - Drive-over max speed 5 km/h km/h
Carico statico 1000 kg - Static load 1000 kg
Cavo di alimentazione con dispositivo anti-traspirazione acqua - Power cable with anti-transpiration device

- Corpo in materiale polimerico.
- Anello di finitura in acciaio Inox (AISI 316L).
- Alta resistenza ambiente marino o ad alta salinità.
- Pressacavo in poliammide PG7.
- Vetro temperato di spessore 10 mm.
- Completo di cassaforma.
- Body in polymeric material.
- Stainless steel (AISI 316L) frame.
- High resistance to marine and heavy salt environments.
- PG7 cable gland of polyamide.
- Tempered glass 10 mm thick.
- Housing included.



CODICE - CODE	BEAM	W	LM	K	V	CRI	KG	T°		
E8277F-LBC-12	12°		981							
E8277F-LBC-55	45°		855							
E8277F-LBC-75	60°		855	3000						
E8277F-LBC-ASI	ASI°		641							
E8277F-LBC-AE	AE°		952							
E8277F-LBN-12	12°	9,5W	1039		220-240V (350mA)	>90	1,8	42°	◆	◆
E8277F-LBN-55	45°		905							
E8277F-LBN-75	60°		1039	4000						
E8277F-LBN-ASI	ASI°		678							
E8277F-LBN-AE	AE°		1008							

OPZIONI - OPTIONAL

...-TSC TORX Viti di sicurezza
Safety screws



A richiesta: cavo con sistema acqua-stop
Optional: cable with water-stop system

ACCESSORI - ACCESSORIES

- NE 646308 Connettore IP68 ø da 7 a 12mm
IP68 connector ø 7 to 12mm
- NE 646636 Connettore IP68 a "T" ø da 7 a 10mm per file continue
IP68 "T" connector ø 7 to 10mm for continuous rows



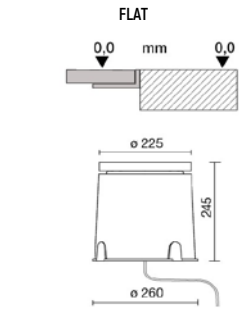
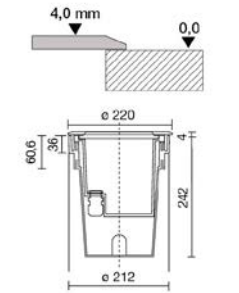
Olodum-Ruled 220 mdf

Olodum-Ruled 220-Q flat mdf



Velocità max carrabilità 5 km/h km/h - Drive-over max speed 5 km/h km/h
Carico statico 1000 kg - Static load 1000 kg
Cavo di alimentazione con dispositivo anti-traspirazione acqua - Power cable with anti-transpiration device

- Corpo in materiale polimerico.
- Anello di finitura in acciaio Inox (AISI 316L).
- Alta resistenza ambiente marino o ad alta salinità.
- Pressacavo in ottone nichelato PG13,5.
- Vetro temperato di spessore 10 mm.
- Completo di cassaforma.
- Body in polymeric material.
- Stainless steel (AISI 316L) frame.
- High resistance to marine and heavy salt environments.
- PG13,5 cable gland of nickel plated brass.
- Tempered glass 10 mm thick.
- Housing included.



CODICE - CODE	BEAM	W	LM	K	V	CRI	KG	T°		
E8129-LBC-12	12°		1963							
E8129-LBC-55	45°		1710							
E8129-LBC-75	60°		1932	3000						
E8129-LBC-ASI	ASI°		1282							
E8129-LBC-AE	AE°		1904							
E8129-LBN-12	12°	20W	2077		220-240V (700mA)	>90	3	46°	◆	◆
E8129-LBN-55	45°		1810							
E8129-LBN-75	60°		2044	4000						
E8129-LBN-ASI	ASI°		1357							
E8129-LBN-AE	AE°		2015							

CODICE - CODE	BEAM	W	LM	K	V	CRI	KG	T°		
E8129F-LBC-12	12°		1963							
E8129F-LBC-55	45°		1710							
E8129F-LBC-75	60°		1932	3000						
E8129F-LBC-ASI	ASI°		1282							
E8129F-LBC-AE	AE°		1904							
E8129F-LBN-12	12°	20W	2077		220-240V (700mA)	>90	3	46°	◆	◆
E8129F-LBN-55	45°		1810							
E8129F-LBN-75	60°		2044	4000						
E8129F-LBN-ASI	ASI°		1357							
E8129F-LBN-AE	AE°		2015							

OPZIONI - OPTIONAL

...-TSC TORX Viti di sicurezza
Safety screws

A richiesta: cavo con sistema acqua-stop
Optional: cable with water-stop system

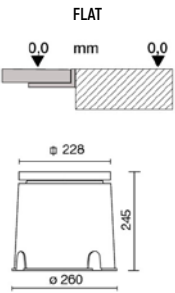
ACCESSORI - ACCESSORIES

NE	646308	Connettore IP68 ø da 7 a 12mm IP68 connector ø 7 to 12mm	
NE	646636	Connettore IP68 a "T" ø da 7 a 10mm per file continue IP68 "T" connector ø 7 to 10mm for continuous rows	



Velocità max carrabilità 5 km/h km/h - Drive-over max speed 5 km/h km/h
Carico statico 1000 kg - Static load 1000 kg
Cavo di alimentazione con dispositivo anti-traspirazione acqua - Power cable with anti-transpiration device

- Corpo in materiale polimerico.
- Anello di finitura in acciaio Inox (AISI 316L).
- Alta resistenza ambiente marino o ad alta salinità.
- Pressacavo in ottone nichelato PG13,5.
- Vetro temperato di spessore 10 mm.
- Completo di cassaforma.
- Body in polymeric material.
- Stainless steel (AISI 316L) frame.
- High resistance to marine and heavy salt environments.
- PG13,5 cable gland of nickel plated brass.
- Tempered glass 10 mm thick.
- Housing included.



CODICE - CODE	BEAM	W	LM	K	V	CRI	KG	T°		
E8132F-LBC-12	12°		1963							
E8132F-LBC-55	45°		1710							
E8132F-LBC-75	60°		1932	3000						
E8132F-LBC-ASI	ASI°		1282							
E8132F-LBC-AE	AE°		1904							
E8132F-LBN-12	12°	20W	2077		220-240V (700mA)	>90	3	46°	◆	◆
E8132F-LBN-55	45°		1810							
E8132F-LBN-75	60°		2044	4000						
E8132F-LBN-ASI	ASI°		1357							
E8132F-LBN-AE	AE°		2015							

OPZIONI - OPTIONAL

...-TSC TORX Viti di sicurezza
Safety screws

A richiesta: cavo con sistema acqua-stop
Optional: cable with water-stop system

ACCESSORI - ACCESSORIES

NE	646308	Connettore IP68 ø da 7 a 12mm IP68 connector ø 7 to 12mm	
NE	646636	Connettore IP68 a "T" ø da 7 a 10mm per file continue IP68 "T" connector ø 7 to 10mm for continuous rows	

Olodum-Ruled 300-T MDF



Velocità max carrabilità 5 km/h km/h - Drive-over max speed 5 km/h km/h
Carico statico 1000 kg - Static load 1000 kg
Cavo di alimentazione con dispositivo anti-traspirazione acqua - Power cable with anti-transpiration device

- Corpo in pressofusione di alluminio verniciato.

• Verniciatura di polveri di poliestere con trattamento speciale per esterni.

• Anello di finitura in acciaio Inox (AISI 316L).

• Pressacavo in ottone nichelato PG13,5.

• Vetro temperato di spessore 10 mm.

• Completo di cassaforma.
- Body made in die-cast aluminium.

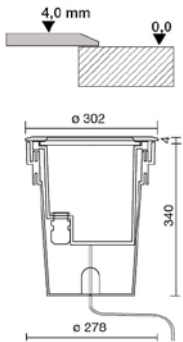
• Polyester powder painting with special treatment for outdoors.

• Stainless steel (AISI 316L) frame.

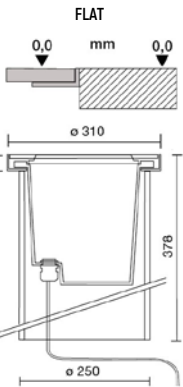
• PG13,5 cable gland of nickel plated brass.

• Tempered glass 10 mm thick.

• Housing included.



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG	T°		
INOX	E8340-LBC-12	12°	34W	3403	3000	220-240V (1200mA)	>90	9	42°		
	E8340-LBC-55	45°		2965							
	E8340-LBC-75	60°		3349							
	E8340-LBC-ASI	ASI°		2223							
	E8340-LBC-AE	AE°		3301							
	E8340-LBN-12	12°		3527							
	E8340-LBN-55	45°		3072							
	E8340-LBN-75	60°		3471							
	E8340-LBN-ASI	ASI°		2303							
	E8340-LBN-AE	AE°		3421							



INOX	E8340F-LBC-55	45°	3403	3000	220-240V (1200mA)	>90	9	42°	◆	◆
	E8340F-LBC-12	12°	2965							
	E8340F-LBC-75	60°	3349							
	E8340F-LBC-ASI	ASI°	2223							
	E8340F-LBC-AE	AE°	3301							
	E8340F-LBN-55	45°	3527	4000						
	E8340F-LBN-12	12°	3072							
	E8340F-LBN-75	60°	3471							
	E8340F-LBN-ASI	ASI°	2303							
	E8340F-LBN-AE	AE°	3421							

OPZIONI - OPTIONAL

...-TSC TORX Viti di sicurezza
Safety screws



ACCESSORI - ACCESSORIES

- NE

646308

Connettore IP68 ø da 7 a 12mm
IP68 connector ø 7 to 12mm
- NE

646636

Connettore IP68 a "T" ø da 7 a 10mm per file continue
IP68 "T" connector ø 7 to 10mm for continuous rows



Olodum-Ruled 300-Q mdf flat



Velocità max carrabilità 5 km/h km/h - Drive-over max speed 5 km/h km/h
Carico statico 1000 kg - Static load 1000 kg
Cavo di alimentazione con dispositivo anti-traspirazione acqua - Power cable with anti-transpiration device

- Corpo in pressofusione di alluminio verniciato.

• Verniciatura di polveri di poliestere con trattamento speciale per esterni.

• Anello di finitura in acciaio Inox (AISI 316L).

• Pressacavo in ottone nichelato PG13,5.

• Vetro temperato di spessore 10 mm.

• Completo di cassaforma.
- Body made in die-cast aluminium.

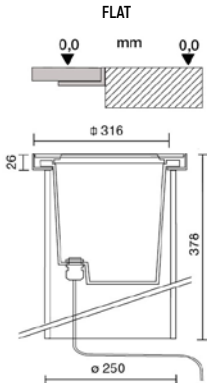
• Polyester powder painting with special treatment for outdoors.

• Stainless steel (AISI 316L) frame.

• PG13,5 cable gland of nickel plated brass.

• Tempered glass 10 mm thick.

• Housing included.



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG	T°		
INOX	FLAT										
	E8345F-LBC-12	12°		3403							
	E8345F-LBC-55	45°		2965							
	E8345F-LBC-75	60°		3349	3000						
	E8345F-LBC-ASI	ASI°		2223							
	E8345F-LBC-AE	AE°		3301		220-240V (1200mA)	>90	9	42°	◆	◆
	E8345F-LBN-12	12°	34W	3527							
	E8345F-LBN-55	45°		3072							
	E8345F-LBN-75	60°		3471	4000						
	E8345F-LBN-ASI	ASI°		2303							
E8345F-LBN-AE	AE°		3421								

OPZIONI - OPTIONAL

...-TSC TORX Viti di sicurezza
Safety screws



ACCESSORI - ACCESSORIES

- NE

646308

Connettore IP68 ø da 7 a 12mm
IP68 connector ø 7 to 12mm
- NE

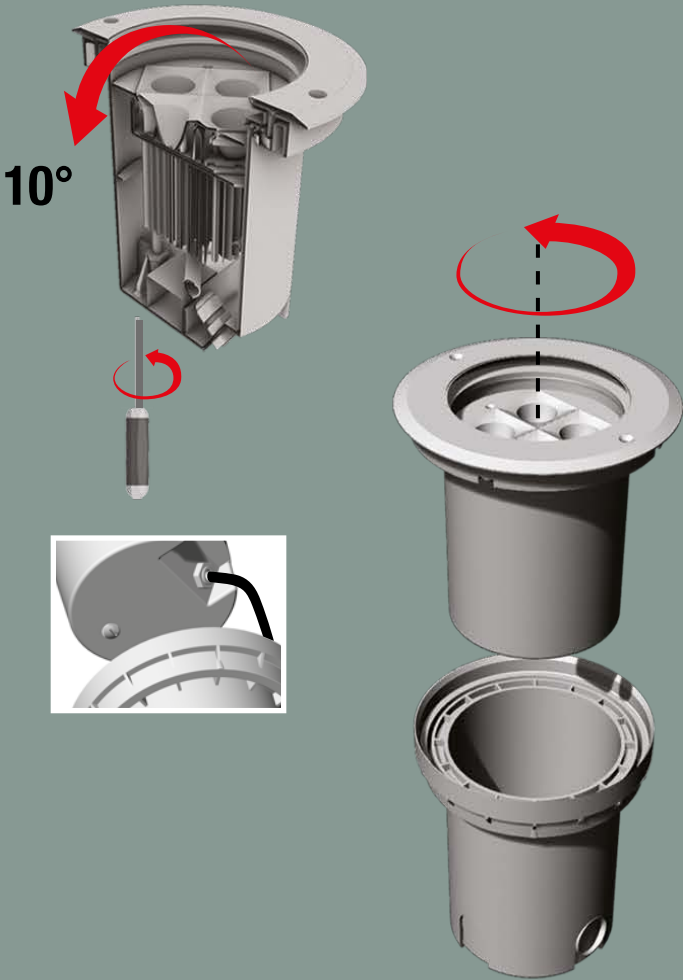
646636

Connettore IP68 a "T" ø da 7 a 10mm per file continue
IP68 "T" connector ø 7 to 10mm for continuous rows



LOCKsystem

MAI PIÙ PROBLEMI DI CONDENSA
NO MORE CONDENSATION PROBLEMS



Il sistema LOCK applicato alla famiglia OLODUM permette di migliorare ulteriormente la tenuta stagna degli apparecchi.

Il corpo lampada, il gruppo sorgente-riflettore, il vetro di protezione e l'anello di chiusura esterno sono forniti in un'unica soluzione, chiusa a tenuta, non apribile.

In questo modo l'installazione dell'apparecchio avviene in due semplici passaggi. La posa del pozzetto a perdere e l'inserimento del corpo lampada nel pozzetto tramite due viti di fissaggio.

L'orientamento e la rotazione del vano ottico avvengono grazie ad un sistema di puntamento e rotazione, che non prevedono l'apertura dell'apparecchio.

Sarà pertanto possibile calibrare il fascio luminoso, anche ripetutamente, garantendo la tenuta stagna dell'intero corpo illuminante, fino a fine vita.

LOCK SYSTEM è disponibile sia nella versione RULED che in quella COB.

Non adatto per installazioni ad immersione.

The LOCK system applied to OLODUM family allows to further improve the watertightness of luminaires.

The lamp body, the source-reflector group, the protective glass and the external closing ring are supplied in a single, sealed, non-opening solution.

In this way, the installation of the device takes place in two simple steps. The installation of the disposable installation pit and the insertion of the lamp body into the pit using two fixing screws.

The orientation and rotation of the optical compartment take place thanks to a pointing and rotation system, which does not foresee any opening of the device.

It will therefore be possible to calibrate the light beam, even repeatedly, ensuring the watertight integrity of the entire lighting body, until the end of its life.

LOCK SYSTEM is available in both the RULED and COB versions.

Not for underground intallation.

IK 10
IP 67

INCASSI TERRA CALPESTABILI CARRABILI • DRIVEOVER RECESSED UPLIGHTERS

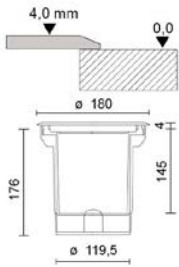
Olodum-Ruled 180 mdf LOCKsystem



Velocità max carrabilità 5 km/h km/h - Drive-over max speed 5 km/h km/h
Carico statico 1000 kg - Static load 1000 kg
Cavo di alimentazione con dispositivo anti-traspirazione acqua - Power cable with anti-transpiration device

- Corpo in materiale polimerico.
- Anello di finitura in acciaio Inox (AISI 316L).
- Alta resistenza ambiente marino o ad alta salinità.
- Pressacavo in poliammide PG7.
- Vetro temperato di spessore 10 mm.
- Completo di cassaforma.

- Polymeric material body.
- Stainless steel (AISI 316L) frame.
- High resistance to marine and heavy salt environments.
- PG7 cable gland of polyamide.
- Tempered glass 10 mm thick.
- Housing included.



CODICE - CODE	BEAM	W	LM	K	V	CRI	KG	T°		
E8272-LBC-12-ST	12°		981							
E8272-LBC-55-ST	45°		855							
E8272-LBC-75-ST	60°		966	3000						
E8272-LBC-ASI-ST	ASI°		641							
E8272-LBC-AE-ST	AE°		952							
E8272-LBN-12-ST	12°	9,5W	1039		220-240V [350mA]	>90	1,8	42°	◆	◆
E8272-LBN-55-ST	45°		905							
E8272-LBN-75-ST	60°		1022	4000						
E8272-LBN-ASI-ST	ASI°		678							
E8272-LBN-AE-ST	AE°		1008							

OPZIONI - OPTIONAL

A richiesta: cavo con sistema acqua-stop
Optional: cable with water-stop system

ACCESSORI - ACCESSORIES

- NE 646308 Connettore IP68 ø da 7 a 12mm
IP68 connector ø 7 to 12mm
- NE 646636 Connettore IP68 a "T" ø da 7 a 10mm per file continue
IP68 "T" connector ø 7 to 10mm for continuous rows



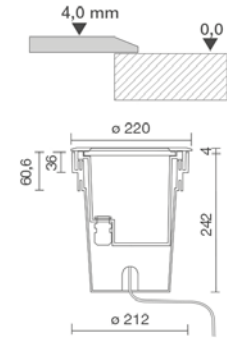
Olodum-Ruled 220 mdf

LOCKsystem



Velocità max carrabilità 5 km/h km/h/h - Drive-over max speed 5 km/h km/h/h
Carico statico 1000 kg - Static load 1000 kg
Cavo di alimentazione con dispositivo anti-traspirazione acqua - Power cable with anti-transpiration device

- Corpo in materiale polimerico.
 - Anello di finitura in acciaio Inox (AISI 316L).
 - Alta resistenza ambiente marino o ad alta salinità.
 - Pressacavo in ottone nichelato PG13,5.
 - Vetro temperato di spessore 10 mm.
 - Completo di cassaforma.
-
- Body in polymeric material.
 - Stainless steel (AISI 316L) frame.
 - High resistance to marine and heavy salt environments.
 - PG13,5 cable gland of nickel plated brass.
 - Tempered glass 10 mm thick.
 - Housing included.



CODICE - CODE	BEAM	W	LM	K	V	CRI	KG	T°		
E8129-LBC-12-ST	12°									
E8129-LBC-55-ST	45°		1710							
E8129-LBC-75-ST	60°			3000						
E8129-LBC-ASI-ST	ASI°		1282							
E8129-LBC-AE-ST	AE°		1710							
E8129-LBN-12-ST	12°	20W			220-240V (700mA)	>90	3	46°	◆	◆
E8129-LBN-55-ST	45°		1810							
E8129-LBN-75-ST	60°			4000						
E8129-LBN-ASI-ST	ASI°		1357							
E8129-LBN-AE-ST	AE°		2015							

OPZIONI - OPTIONAL

A richiesta: cavo con sistema acqua-stop
Optional: cable with water-stop system

ACCESSORI - ACCESSORIES

- NE 646308 Connettore IP68 ø da 7 a 12mm
IP68 connector ø 7 to 12mm
- NE 646636 Connettore IP68 a "T" ø da 7 a 10mm per file continue
IP68 "T" connector ø 7 to 10mm for continuous rows



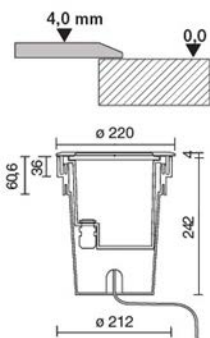
Olodum 220 mdf

LOCKsystem



Velocità max carrabilità 5 km/h km/h/h - Drive-over max speed 5 km/h km/h/h
Carico statico 1000 kg - Static load 1000 kg
Cavo di alimentazione con dispositivo anti-traspirazione acqua - Power cable with anti-transpiration device

- Corpo in materiale polimerico.
 - Anello di finitura in acciaio Inox (AISI 316L).
 - Alta resistenza ambiente marino o ad alta salinità.
 - Pressacavo in ottone nichelato PG13,5.
 - Vetro temperato di spessore 10 mm.
 - Completo di cassaforma.
-
- Body in polymeric material.
 - Stainless steel (AISI 316L) frame.
 - High resistance to marine and heavy salt environments.
 - PG13,5 cable gland of nickel plated brass.
 - Tempered glass 10 mm thick.
 - Housing included.



CODICE - CODE	BEAM	W	LM	K	V	CRI	KG		
E8129-LBC-FL-ST	45°		2060						
E8129-LBC-S-ST	18°		2074	3000					
E8129-LBC-WF-ST	65°		1865						
E8129-LBN-S-ST	18°	20W	2237		220-240V (500mA)	>90	3,8	◆	◆
E8129-LBN-FL-ST	45°		2223	4000					
E8129-LBN-WF-ST	65°		2012						

OPZIONI - OPTIONAL

A richiesta: cavo con sistema acqua-stop
Optional: cable with water-stop system

ACCESSORI - ACCESSORIES

- NE 646308 Connettore IP68 ø da 7 a 12mm
IP68 connector ø 7 to 12mm
- NE 646636 Connettore IP68 a "T" ø da 7 a 10mm per file continue
IP68 "T" connector ø 7 to 10mm for continuous rows



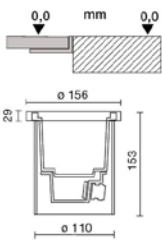


Olodum 130 full-glass



Carico statico 1000 kg - Static load 1000 kg

- Corpo in pressofusione di alluminio, verniciato in polveri con pretrattamento speciale per esterni.
- Vetro in cristallo extrachiaro temperato di spessore 10 mm
- completo di guarnizione in silicone.
- Completo di pozzetto in materiale termoplastico con cornice in acciaio Inox (AISI 316).
- Pressacavi per il collegamento in cascata in ottone nichelato PG11.
- Die-cast aluminum body, powder coated with special outdoor pretreatment.
- Tempered extra-clear crystal glass with a thickness of 10 mm
- complete with silicone gasket.
- Complete with thermoplastic thermowell with stainless steel frame (AISI 316).
- Cable glands for cascade connection in PG11 nickel-plated brass.



CODICE - CODE	BEAM	W	LM	K	V	CRI	KG	T°		
E8384CTV-BC15	15°		896							
E8384CTV-BC24	24°		1207	3000						
E8384CTV-BC40	40°		869		220-240V (350mA)	>90	1,15	55°	◆	◆
E8384CTV-BN15	15°	14,9W	965							
E8384CTV-BN24	24°		928	4000						
E8384CTV-BN40	40°		919							

OPZIONI - OPTIONAL

A richiesta: cavo con sistema acqua-stop
Optional: cable with water-stop system

ACCESSORI - ACCESSORIES

NE 646308 Connettore IP68 ø da 7 a 12mm
IP68 connector ø 7 to 12mm



E960 Ventosa per rimozione vetro
Suction cup for glass removal



Olodum 130 cover



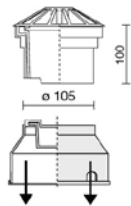
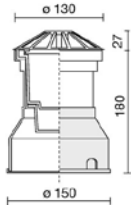
MONOEMISSIONE
SINGLE SIDE EMISSION



BIEMISSIONE
DOUBLE SIDE EMISSION



RADIALE
RADIAL



Velocità max carrabilità 5 km/h km/h - Drive-over max speed 5 km/h km/h
Carico statico 2000 kg - Static load 2000 kg

- Corpo e calotta in pressofusione di alluminio.
- Doppia verniciatura in polveri poliestere con pretrattamento speciale per esterni.
- Uscita luce mono-bi-radiale.
- Diffusore in vetro stampato.
- Cassaforma di contenimento in PA.
- Pressacavo in ottone nichelato PG11.

- Body and cover made of die-cast aluminium.
- Double powder coated painting with outdoor special treatment.
- Mono-bi-radial diffusion.
- Printed glass diffuser.
- Housing made of PA.
- PG11 cable gland of nickel plated brass.

CODICE - CODE		W	LM	K	V	CRI	KG			
MONO EMISSIONE - MONO SIDE EMISSION										
GR	E8396-LBC	3W	90° 	29	3000	220-240V (500mA)	>90	0,8	◆	◆
	E8396-LBN			32	4000					
	E8396-LBI			34	6000					
	E8396-LBL			-	470nm					
	BIEMISSIONE - DOUBLE SIDE EMISSION									
GR	E8397-LBC	3W	90° 	47	3000	220-240V (500mA)	>90	0,8	◆	◆
	E8397-LBN			51	4000					
	E8397-LBI			55	6000					
	E8397-LBL			-	470nm					
	RADIALE - RADIAL									
GR	E8398-LBC	3W	90° 	45	3000	220-240V (500mA)	>90	0,8	◆	◆
	E8398-LBN			49	4000					
	E8398-LBI			52	6000					
	E8398-LBL			-	470nm					

OPZIONI - OPTIONAL

...TSC TORX Viti di sicurezza
Safety screws

A richiesta: cavo con sistema acqua-stop
Optional: cable with water-stop system

ACCESSORI - ACCESSORIES

NE 646308 Connettore IP68 ø da 7 a 12mm
IP68 connector ø 7 to 12mm



Olodum 220 cover



MONOEMISSIONE
MONO SIDE EMISSION



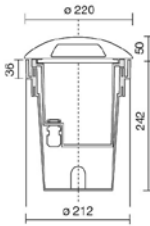
BIEMISSIONE
DOUBLE SIDE EMISSION



Velocità max carrabilità 5 km/h km/h - Drive-over max speed 5 km/h km/h
Carico statico 2000 kg - Static load 2000 kg

- Apparecchi con calotta e corpo in alluminio, verniciato in polveri epossidiche con pretrattamento speciale per interni.
- Pressacavo in ottone nichelato PG 13,5 .
- Viterie in acciaio Inox.
- Guarnizioni in gomma siliconica.

- Luminaires with aluminium cap and body, epoxy powder-coated with special pre-treatment for indoor use.
- Nickel-plated brass cable gland PG 13.5 .
- Stainless steel screws.
- Silicone rubber gaskets.



CODICE - CODE		W	LM	K	V	CRI	KG			
MONO EMISSIONE - SINGLE SIDE EMISSION										
NE	E8202-LBC		14,2W	216	3000	220-240V (700mA)	>90	3	◆	◆
	E8202-LBN				4000					
BIEMISSIONE - DOUBLE SIDE EMISSION										
NE	E8203-LBC		28,4W	432	3000	220-240V (700mA)	>90	3	◆	◆
	E8203-LBN				4000					

OPZIONI - OPTIONAL

...TSC TORX Viti di sicurezza
Safety screws

A richiesta: cavo con sistema acqua-stop
Optional: cable with water-stop system

ACCESSORI - ACCESSORIES

NE 646308 Connettore IP68 ø da 7 a 12mm
IP68 connector ø 7 to 12mm





		LONGLIGHT GROUND MINI	LONGLIGHT GROUND	LONGLIGHT GROUND ASIMMETRICO	LONGLIGHT GROUND POWER	LONGLIGHT GROUND PASS	LONGLIGHT MINI	LONGLIGHT - LONGLIGHT WALL
FAMIGLIA		LONGLIGHT GROUND MINI	LONGLIGHT GROUND		LONGLIGHT GROUND POWER	LONGLIGHT GROUND PASS	LONGLIGHT MINI	LONGLIGHT
ASSORBIMENTO LAMP WATT	W	2,5 - 25,4	8 - 40	7,255 - 39	16 - 74	2,5 - 9	2,5 - 25,4	8 - 39
FLUSSO LUMINOSO LIGHT FLOW	Lm	52 - 2155	438 - 2362	627 - 3136	873 - 4725	46 - 330	42 - 2156	438 - 2362
TEMPERATURA DI COLORE COLOR TEMPERATURE	K	3000 4000	3000 4000	3000 4000	3000 4000	3000 4000	3000 4000	3000 4000
RESA CROMATICA COLOR RENDERING	CRI	>70	>90	>90	>90	>70	>80	>90
OTTICA OPTICAL		20°	10°	AS°	10°		30°	10°
RGB		◆	◆	◆			◆	
DALI			◆	◆	◆			◆
CLASSE DI ISOLAMENTO INSULATION CLASS								
IP RATING		IP 67	IP 67	IP 67	IP 67	IP 67	IP 65	IP 65
DA INTERRARE INGROUND		◆	◆	◆	◆	◆		
CALPESTABILE WALK ON		◆	◆	◆	◆	◆		
PAG.		109	111	113	115	117	118	119



LONGLIGHT POWER	LONGLIGHT POWER WALL	LONGLIGHT ECO	LONGLIGHT ECO CON PALPEBRA	LONGLIGHT POSTER	LEDLINE MICRO	LEDLINE
LONGLIGHT POWER		LONGLIGHT		LONGLIGHT POSTER	LEDLINE	
2,5 - 74	2,5 - 74	9,5 - 29,5	9,5 - 29,5	32 - 74	14,4 - 43,2	14,4 - 230,4
46 - 4725	46 - 4725	707 - 2522	552 - 1989	1700 - 4725	1080 - 4381	1059 - 16928
3000 4000	3000 4000	3000 4000	3000 4000	6000	3000 4000 5000	3000 4000 5000
>90	>90	>90	>90	>90	>90	>90
10°	10°	35°-25x35°	35°-25x35°	10°	120°	120°
						◆
IP 65	IP 65	IP 65	IP 65	IP 65	IP 68	IP 68
120	121	123	124	125	127	129

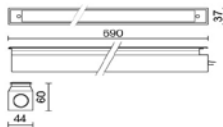
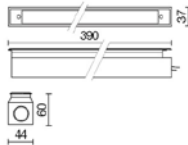
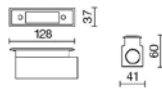


Longlight ground mini



Carico statico 500 kg - Static load 500 kg

- Corpo in estruso di alluminio anodizzato, cornice in acciaio Inox (AISI 316) satinato.
- Cassaforma in acciaio Inox.
- Vano ottico: recuperatore di flusso in alluminio.
- Equipaggiamento: vetro di protezione temperato, spessore 6 mm cavo di alimentazione lunghezza 1 m., pressacavo in ottone nichelato PG7.
- Anodized extruded aluminum body, brushed stainless steel (AISI 316) frame.
- Stainless steel formwork.
- Optical compartment: aluminum flow recuperator.
- Equipment: tempered safety glass, thickness 6 mm power cable length 1 m, PG7 nickel-plated brass cable gland.



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG	T°		DRIVER
VT - L.128mm VETRO EXTRA CHIARO - EXTRA-CLEAR GLASS											
INOX	E9054-LBC	20°	4,5W	210	3000	220-240V (350mA)	>90	1,1	45°	◆	 
INOX	E9054-LBN			230	4000						
VS - L.390mm VETRO SABBIAITO - FROSTED GLASS											
INOX	E9051-LBC	20°	2,5W	52	3000	220-240V 12Vdc	>70	1,1	30°	◆	 
	E9051-LBN				4000						
VT - L.390mm VETRO EXTRA CHIARO - EXTRA-CLEAR GLASS											
	E9050-LBC	20°	8W	333		220-240V (350mA)	>90	1,1	45°	◆	 
	E9052-LBC		13,2W	1006	3000	220-240V 24Vdc					
INOX	E9050-LBN		8W	363		220-240V (350mA)					
	E9052-LBN		13,2W	1073	4000	220-240V 24Vdc					
VT - L.390mm - RGB VETRO EXTRA CHIARO - EXTRA-CLEAR GLASS											
INOX	E9051-RGB	20°	3,5W	-		24Vdc		1,1	35°	◆	
VS - L.690mm VETRO SABBIAITO - FROSTED GLASS											
INOX	E9061-LBC	20°	4W	-	3000	220-240V 12Vdc	>70	1,9	35°	◆	 
	E9061-LBN			104	4000						
VT - L.690mm VETRO EXTRA CHIARO - EXTRA-CLEAR GLASS											
	E9060-LBC	20°	16W	666		220-240V (350mA)	>90	1,9	45°	◆	 
	E9062-LBC		25,4W	2022	3000	220-240V 24Vdc					
INOX	E9060-LBN		16W	726		220-240V (350mA)					
	E9062-LBN		13,2W	2155	4000	220-240V 24Vdc					
VT - L.690mm - RGB VETRO EXTRA CHIARO - EXTRA-CLEAR GLASS											
INOX	E9061-RGB	20°	7W	-		24Vdc		1,9		◆	

OPZIONI - OPTIONAL

Lunghezza da 1 m.
Lenght 1 m.



VERSIONE DA INCASSO PER CONTROSOFFITTI (spessore 10mm).
Lunghezza 390mm con cava 30 x 370mm.
VERSION FOR RECESSED FOR FALSE CEILINGS (thickness 10mm).
Length 390mm with slot 30 x 370mm.

A richiesta: cavo con sistema acqua-stop (non per la versione RGB)
On request: cable with water-stop system (not for RGB version)



Longlight ground

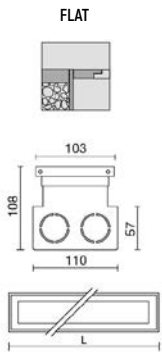
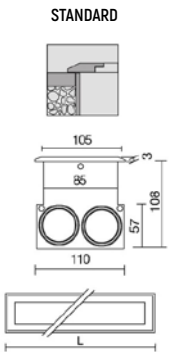


A RICHIESTA - ON REQUEST



Carico statico 500 kg - Static load 500 kg
| Apertura fascio 40° - Beam angle 40°

- Corpo in estruso di alluminio anodizzato.
- Cornice in acciaio Inox (AISI 316) satinato, cassaforma in acciaio Inox (AISI 316).
- Guarnizioni in gomma siliconica.
- Testate in alluminio pressofuso fosfocromatate e verniciate.
- Vetro temperato di spessore 10 mm trasparente.
- Cavo alimentazione lunghezza 1m.
- Body made of anodized extruded aluminum.
- Satinized stainless steel (AISI 316) frame, stainless steel (AISI 316) formwork.
- Silicone rubber gaskets.
- Die-cast aluminum heads phosphochromated and painted.
- Transparent 10mm thick tempered glass.
- Power cable length 1m.



	CODICE - CODE	BEAM	W	LM	K	V	CRI	KG		DRIVER
INOX	STANDARD L.375mm									
	E8941-LBC-6	10°	8W	438	3000	220-240V (350mA)	>90	3,4	◆	
	E8941-LBN-6			472	4000					
INOX	STANDARD L.935mm									
	E8951-LBC-18	10°	24W	1315	3000	220-240V (350mA)	>90	8,2	◆	
	E8951-LBN-18			1420	4000					
INOX	STANDARD L.1236mm									
	E8957-LBC-24	10°	32W	1750	3000	220-240V (350mA)	>90	9,2	◆	
	E8957-LBN-24			1890	4000					
INOX	STANDARD L.1536mm									
	E8958-LBC-30	10°	40W	2186	3000	220-240V (350mA)	>90	9,5	◆	
	E8958-LBN-30			2362	4000					
INOX	STANDARD L.1536mm - RGB									
	E8958-RGB-30	10°	36W	-	RGB	220-240V (350mA)		9,5	◆	

INOX	FLAT L.380mm									
	E8946-LBC-6	10°	8W	438	3000	220-240V (350mA)	>90	3,4	◆	
	E8946-LBN-6			472	4000					
INOX	FLAT L.940mm									
	E8956-LBC-18	10°	24W	1315	3000	220-240V (350mA)	>90	8,2	◆	
	E8956-LBN-18			1420	4000					
INOX	FLAT L.1240mm									
	E8942-LBC-24	10°	32W	1750	3000	220-240V (350mA)	>90	9,2	◆	
	E8942-LBN-24			1890	4000					
INOX	FLAT L.1540mm									
	E8943-LBC-30	10°	40W	2186	3000	220-240V (350mA)	>90	9,5	◆	
	E8943-LBN-30			2362	4000					
INOX	FLAT L.1540mm - RGB									
	E8943-RGB-30	10°	36W	-	RGB	220-240V (350mA)		9,5	◆	

OPZIONI - OPTIONAL

A richiesta: cavo con sistema acqua-stop (non per la versione RGB)
On request: cable with water-stop system (not for RGB version)

ACCESSORI - ACCESSORIES

NE 646308 Connettore IP68 ø da 7 a 12mm
IP68 connector ø 7 to 12mm





Longlight ground asimmetrico

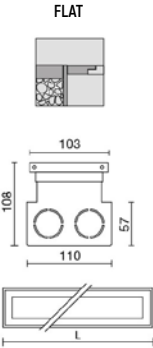
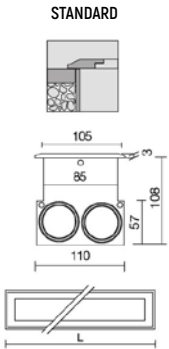


A RICHIESTA - ON REQUEST



Carico statico 500 kg - Static load 500 kg

- Corpo in estruso di alluminio anodizzato.
- Cornice in acciaio Inox (AISI 316) satinato, cassaforma in acciaio Inox (AISI 316).
- Guarnizioni in gomma siliconica.
- Testate in alluminio pressofuso fosfocromatate e verniciate.
- Vetro temperato di spessore 10 mm trasparente.
- Cavo alimentazione lunghezza 1m.
- Body made of anodized extruded aluminum.
- Satinized stainless steel (AISI 316) frame, stainless steel (AISI 316) formwork.
- Silicone rubber gaskets.
- Die-cast aluminum heads phosphochromated and painted.
- Transparent 10mm thick tempered glass.
- Power cable length 1m.



CODICE - CODE			BEAM	W	LM	K	V	CRI	KG		DRIVER
INOX	STANDARD L. 375mm										
	E8941AS-LBC		AS°	8W	600	3000	24Vdc	>90	2,2		
	E8941AS-LBN				627	4000					
INOX	STANDARD L. 935mm										
	E8951AS-LBC		AS°	24W	1800	3000	24Vdc	>90	5,5		
	E8951AS-LBN				1880	4000					
INOX	STANDARD L. 1236mm										
	E8957AS-LBC		AS°	32W	2400	3000	24Vdc	>90	7,3		
	E8957AS-LBN				2509	4000					
INOX	STANDARD L. 1536mm										
	E8958AS-LBC		AS°	39W	3000	3000	24Vdc	>90	9,2		
	E8958AS-LBN				3136	4000					
INOX	STANDARD L. 1536mm - RGB										
	E8958AS-RGB30		AS°	36W	-	RGB 	24Vdc		9,2		

FLAT L. 375mm											
INOX	E8946AS-LBC-6		AS°	8W	600	3000	24Vdc	>90	2,3	◆	
	E8946AS-LBN-6				627	4000					
FLAT L. 935mm											
INOX	E8956AS-LBC18		AS°	24W	1800	3000	24Vdc	>90	5,6	◆	
	E8956AS-LBN18				1880	4000					
FLAT L. 1236mm											
INOX	E8942AS-LBC24		AS°	32W	2400	3000	24Vdc	>90	7,4	◆	
	E8942AS-LBN24				2509	4000					
FLAT L. 1536mm											
INOX	E8943AS-LBC30		AS°	39W	3000	3000	24Vdc	>90	9,3	◆	
	E8943AS-LBN30				3136	4000					
FLAT L. 1536mm - RGB											
INOX	E8943AS-RGB30		AS°	36W	-	RGB	220-240V		9,3	◆	

OPZIONI - OPTIONAL

A richiesta: cavo con sistema acqua-stop (non per la versione RGB)
On request: cable with water-stop system (not for RGB version)

ACCESSORI - ACCESSORIES

NE 646308

Connettore IP68 ø da 7 a 12mm
IP68 connector ø 7 to 12mm





Longlight ground power

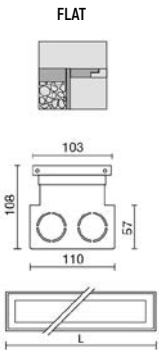
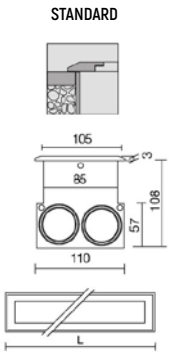


A RICHIESTA - ON REQUEST



Carico statico 500 kg - Static load 500 kg
| Apertura fascio 40° - Beam angle 40°

- Corpo in estruso di alluminio anodizzato.
- Cornice in acciaio Inox (AISI 316) satinato, cassaforma in acciaio Inox (AISI 316).
- Guarnizioni in gomma siliconica.
- Testate in alluminio pressofuso fosfocromatate e verniciate.
- Vetro temperato di spessore 10 mm trasparente.
- Cavo di alimentazione lunghezza 1 m. collegato all'apparecchio.
- Extruded aluminium body anodized.
- Frame in Inox (AISI 316) brushed, ground-wall housing in Inox (AISI 316).
- Silicon rubber gasket.
- End caps of die-cast aluminium, painted with phosphochrome treatment.
- Tempered glass 10 mm thick, transparent.
- Power cable 1 m. length connected to the fitting.



	CODICE - CODE	BEAM	W	LM	K	V	CRI	KG	T°	
STANDARD L.375 mm	E8941-LBC	10°	16W	873	3000	220-240V 24Vdc	>90	3,4	38°	◆
	INOX E8941-LBN				4000					
STANDARD L.935 mm	E8951-LBC	10°	46W	2360	3000	220-240V 24Vdc	>90	8,2	42°	◆
	INOX E8951-LBN				4000					
STANDARD L.1236 mm	E8957-LBC	10°	63W	3492	3000	220-240V 24Vdc	>90	9,2	42°	◆
	INOX E8957-LBN				4000					
STANDARD L.1536 mm	E8958-LBC	10°	74W	4725	3000	220-240V 24Vdc	>90	9,5	42°	◆
	INOX E8958-LBN				4000					
FLAT L.380 mm	E8946-LBC	10°	16W	873	3000	220-240V 24Vdc	>90	3,4	38°	◆
	INOX E8946-LBN			945	4000					
FLAT L.940 mm	E8956-LBC	10°	46W	2360	3000	220-240V 24Vdc	>90	8,4	42°	◆
	INOX E8956-LBN			2550	4000					
FLAT L.1240 mm	E8942-LBC	10°	60W	3490	3000	220-240V 24Vdc	>90	9,2	42°	◆
	INOX E8942-LBN			3780	4000					
FLAT L.1540 mm	E8943-LBC	10°	74W	4725	3000	220-240V 24Vdc	>90	9,5	42°	◆
	INOX E8943-LBN			4365	4000					

OPZIONI - OPTIONAL

A richiesta: cavo con sistema acqua-stop
Optional: cable with water-stop system

ACCESSORI - ACCESSORIES

NE 646308 Connettore IP68 ø da 7 a 12mm
IP68 connector ø 7 to 12mm

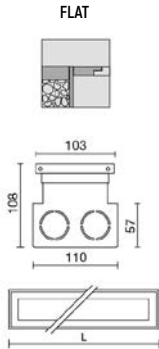
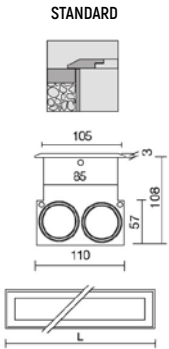


Longlight ground pass



Carico statico 500 kg - Static load 500 kg

- Corpo in estruso di alluminio anodizzato.
 - Cornice in acciaio Inox (AISI 316) satinato, cassaforma in acciaio Inox (AISI 316).
 - Guarnizioni in gomma siliconica.
 - Testate in alluminio pressofuso fosfocromatate e verniciate.
 - Vetro temperato di spessore 10 mm sabbato.
 - Cavo di alimentazione lunghezza 1 m. collegato all'apparecchio.
- Extruded aluminium body anodized.
 - Frame in Inox (AISI 316) brushed, housing in Inox (AISI 316).
 - Silicon rubber gasket.
 - End caps of die-cast aluminium, painted with phosphochrome treatment.
 - Tempered glass 10 mm thick, frosted.
 - Power cable 1 m. length connected to the fitting.



CODICE - CODE		W	LM	K	V	CRI	KG	T°	
INOX	STANDARD L.375 mm								
	E8900-LBC	2,5W	46	3000	220-240V 12Vdc	>70	3,4	38°	◆
	E8910-LBC	4W	92						
	E8900-LBN	2,5W	47	4000					
	E8910-LBN	4W	93						
INOX	STANDARD L.935 mm								
	E8920-LBC	5W	125	3000	220-240V 12Vdc	>70	8,2	38°	◆
	E8930-LBC	9W	323						
	E8920-LBN	5W	129	4000					
	E8930-LBN	9W	330						

FLAT L.380 mm									
INOX	E8905-LBC	2,5W	46	3000	220-240V 12Vdc	>70	3,4	32°	◆
	E8915-LBC	4W	92					35°	
	E8905-LBN	2,5W	47	4000				32°	
	E8915-LBN	4W	93					35°	
FLAT L.940 mm									
INOX	E8935-LBC	8W	323	3000	220-240V 12Vdc	>70	8,2	38°	◆
	E8925-LBC	9W	246					42°	
	E8935-LBN	5W	127	4000				38°	
	E8925-LBN	9W	330					42°	

OPZIONI - OPTIONAL

A richiesta: cavo con sistema acqua-stop
Optional: cable with water-stop system

ACCESSORI - ACCESSORIES		
NE	646308	Connettore IP68 ø da 7 a 12mm IP68 connector ø 7 to 12mm

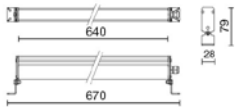
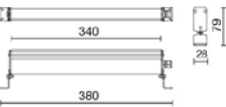
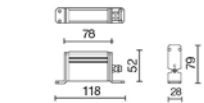


Longlight mini



Apertura fascio 40° - Beam angle 40°

- Corpo in estruso di alluminio anodizzato.
 - Vano ottico: recuperatore di flusso in alluminio satinato.
 - Vetro di protezione trasparente spessore 6 mm
 - Pressacavo in ottone nichelato PG7.
 - Cavo di alimentazione lunghezza 1 m.
- Body made of anodyzed aluminium extrusion.
 - Optic: satin aluminium reflector.
 - Transparent tempered glass protection thickness 6 mm.
 - Cable gland of nickel plated brass PG7.
 - Power cable length 1 m.



CODICE - CODE	BEAM	W	LM	K	V	CRI	KG	DRIVER
E9054-P-LBC	30°	4,5W	210	3000	220-240V (350mA)	>90	0,23	
E9054-P-LBN			230	4000				

VERSIONE CORTA - SHORT VERSION								
E9050-P-LBC	8W	333	3000	220-240V (350mA)	>80	1		
E9050-P-LBN								
E9052-P-LBC	13,2W	1001	3000	220-240V (350mA)	>80	1		
E9052-P-LBN								
E9051-P-LBC	2,5W	42	3000	220-240V 12Vdc	>80	1,8		
E9051-P-LBN								
E9051-P-RGB	3,5W	-	RGB					

VERSIONE LUNGA - LONG VERSION								
E9060-P-LBC	16W	726	4000	220-240V (350mA)	>80	1,8		
E9060-P-LBN								
E9062-P-LBC	25,4W	2022	3000	220-240V (350mA)	>80	1,8		
E9062-P-LBN								
E9061-P-LBC	4W	94	3000	220-240V 12Vdc	>80	1,8		
E9061-P-LBN								
E9061-P-RGB	7W	-	RGB					

OPZIONI - OPTIONAL

A richiesta: cavo con sistema acqua-stop (non per la versione RGB)
On request: cable with water-stop system (not for RGB version)



Longlight - Longlight wall

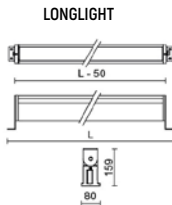


A RICHIESTA - ON REQUEST

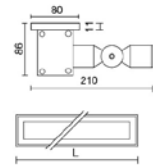


Apertura fascio 40° - Beam angle 40°

- Corpo in alluminio estruso con verniciatura previo trattamento speciale per esterni.
 - Guarnizioni in gomma siliconica.
 - Testate in alluminio pressofuso fosfocromate e verniciate.
 - Vetro temperato trasparente di spessore 8 mm.
 - Pressacavo PG9.
 - Installazione e cablaggio senza apertura del vano ottico.
 - Cavo di alimentazione lunghezza 1 m.
- Housing of aluminium extrusion painted after pre-treatment for outdoor use.
 - Silicon rubber gasket.
 - Die-cast aluminium end caps, painted with phosphochrome treatment.
 - Transparent tempered glass thickness 8 mm.
 - PG9 cable gland.
 - Installation and connection without opening the sealed optic.
 - Power cable length 1 m.



LONGLIGHT WALL



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG	
GR	L. 399mm								
	E8941-PS-LBC6		10°	8W	438	3000	220-240V (350mA)	>90	1,8
	E8941-PS-LBN6				472	4000			
GR	L. 960mm								
	E8951PS-LBC18		10°	24W	1315	3000	220-240V (350mA)	>90	4,3
	E8951PS-LBN18				1420	4000			
GR	L. 1260mm								
	E8957PS-LBC24		10°	32W	1750	3000	220-240V (350mA)	>90	5,6
	E8957PS-LBN24				1890	4000			
GR	L. 1560mm								
	E8958PS-LBC30		10°	39W	2186	3000	220-240V (350mA)	>90	7
	E8958PS-LBN30				2362	4000			

L. 380mm								
GR	E8941-P-LBC-6	10°	8W	438	3000	220-240V (350mA)	>90	1,8
	E8941-P-LBN-6			472	4000			
L. 940mm								
GR	E8951-P-LBC18	10°	24W	1315	3000	220-240V (350mA)	>90	4,3
	E8951-P-LBN18			1420	4000			
L. 1240mm								
GR	E8957-P-LBC24	10°	32W	1750	3000	220-240V (350mA)	>90	5,6
	E8957-P-LBN24			1890	4000			
L. 1540mm								
GR	E8958-P-LBC30	10°	39W	2186	3000	220-240V (350mA)	>90	7
	E8958-P-LBN30			2362	4000			

OPZIONI - OPTIONAL

A richiesta: cavo con sistema acqua-stop
Optional: cable with water-stop system

ACCESSORI - ACCESSORIES

NE **646308** Connettore IP68 Ø da 7 a 12mm
IP68 connector Ø 7 to 12mm



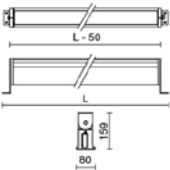
Longlight power



Apertura fascio 40° - Beam angle 40°

- Corpo in alluminio estruso con verniciatura previo trattamento speciale per esterni.
 - Guarnizioni in gomma siliconica.
 - Testate in alluminio pressofuso fosfocromatate e verniciate.
 - Vetro temperato trasparente di spessore 8 mm.
 - Pressacavo PG9.
 - Installazione e cablaggio senza apertura del vano ottico.
 - Cavo di alimentazione lunghezza 1 m.
- Housing of aluminium extrusion painted after previus special pre-treatment for outdoor use.
 - Silicon rubber gasket.
 - End caps of die-cast aluminium, painted with phosphochrome treatment
 - Transparent tempered glass thickness 8 mm.
 - PG9 cable gland.
 - Installation and connection without openin.
 - Power cable length 1 m.

LONGLIGHT POWER



	CODICE - CODE	BEAM	W	LM	K	V	CRI	KG	DRIVER
GR	L 399mm								
	E8900-PS-LBC		2,5W	46	3000				
	E8910-PS-LBC		4W			220-240V 12Vdc	>70	1,5	
	E8900-PS-LBN		2,5W	47	4000				
GR	E8910-PS-LBN		4W	93					
	L 960mm								
	E8920-PS-LBC		5W	125	3000				
	E8930-PS-LBC		9W			220-240V 12Vdc	>70	3,6	
GR	E8920-PS-LBN		5W	129	4000				
	E8930-PS-LBN		9W	250					

GR	L 399mm								
	E8941-PS-LBC			873	3000	220-240V 24Vdc	>90	1,8	
	E8941-PS-LBN	10°	16W	945	4000				
GR	L 960mm								
	E8951-PS-LBC			2360	3000	220-240V 24Vdc	>90	4,3	
	E8951-PS-LBN	10°	46W	3550	4000				
GR	L 1260mm								
	E8957-PS-LBC			3490	3000	220-240V 24Vdc	>90	5,6	
	E8957-PS-LBN	10°	60W	3780	4000				
GR	L 1560mm								
	E8958-PS-LBC			4365	3000	220-240V 24Vdc	>90	7	
	E8958-PS-LBN	10°	74W	4725	4000				

OPZIONI - OPTIONAL

A richiesta: cavo con sistema acqua-stop
Optional: cable with water-stop system

ACCESSORI - ACCESSORIES

NE 646308 Connettore IP68 ø da 7 a 12mm
IP68 connector ø 7 to 12mm



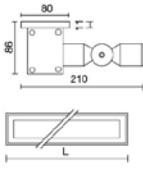
Longlight power wall



Apertura fascio 40° - Beam angle 40°

- Corpo in alluminio estruso con verniciatura per esterni previo
 - trattamento di fosfocromatazione.
 - Guarnizioni in gomma siliconica.
 - Testate in alluminio pressofuso fosfocromatate e verniciate.
 - Vetro temperato trasparente di spessore 8 mm.
 - Installazione senza apertura del vano ottico.
 - Possibilità di installazione a soffitto o parete.
 - Cavo di alimentazione lunghezza 1 m.
- Extruded aluminium body with painting for outdoor, phosphochromated.
 - Silicone gum gasket.
 - Die-castend pieces aluminium painted and phosphochromated
 - Transparent tempered glass thickness 8 mm.
 - Installation and wiring without opening the seales optic.
 - Possibility to be installed in the wall or in the ceiling.
 - Power cable length 1 m.

LONGLIGHT POWER WALL



	CODICE - CODE	BEAM	W	LM	K	V	CRI	KG	DRIVER
GR	L 380mm								
	E8900-P-LBC		2,5W	46	3000				
	E8910-P-LBC		4W			220-240V 12Vdc	>70	3,8	
	E8900-P-LBN		2,5W	47	4000				
GR	E8910-P-LBN		4W	93					
	L 940mm								
	E8920-P-LBC		5W	125	3000				
	E8930-P-LBC		9W			220-240V 12Vdc	>70	9,4	
GR	E8920-P-LBN		5W	127	4000				
	E8930-P-LBN		9W	253					

GR	L 380mm								
	E8941-P-LBC			873	3000	220-240V 24Vdc	>90	3,8	
	E8941-P-LBN	10°	16W	945	4000				
GR	L 940mm								
	E8951-P-LBC			2360	3000	220-240V 24Vdc	>90	9,4	
	E8951-P-LBN	10°	46W	2550	4000				
GR	L 1240mm								
	E8957-P-LBC			3490	3000	220-240V 24Vdc	>90	12,3	
	E8957-P-LBN	10°	60W	3780	4000				
GR	L 1540mm								
	E8958-P-LBC			4365	3000	220-240V 24Vdc	>90	15,3	
	E8958-P-LBN	10°	74W	4725	4000				

OPZIONI - OPTIONAL

A richiesta: cavo con sistema acqua-stop
Optional: cable with water-stop system

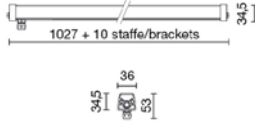
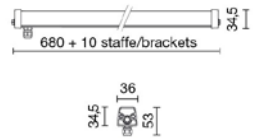
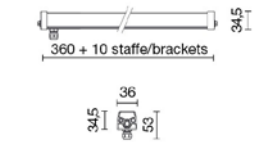


Longlight eco



BUG: B1-U0-G0
CEN: 89-97-100-100-100

- Corpo in estruso di alluminio anodizzato.
- Lenti in metacrilato.
- Pressacavo ottone nichelato PG7.
- Cavo di alimentazione lunghezza 1 m.
- Driver in dotazione.
- Body made of extruded anodized aluminum
- Methacrylate lenses.
- Cable gland of nickel plated brass PG7.
- Power cable length 1 m.
- Driver supplied



CODICE - CODE	BEAM	W	LM	K	V	CRI	KG
L 370mm							
E9030-LBC-35	35°		707	3000			
E9030-LBC-EL	25x35°	9,5W			220-240V (500mA)	>90	0,25
E9030-LBN-35	35°		839	4000			
E9030-LBN-EL	25x35°						

L 690mm							
E9032-LBC-35	35°		1403	3000			
E9032-LBC-EL	25x35°	20W	1416		220-240V (500mA)	>90	0,5
E9032-LBN-35	35°		1666	4000			
E9032-LBN-EL	25x35°		1682				

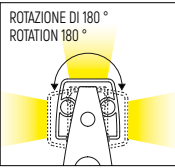
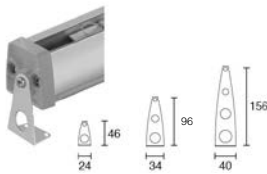
L 1037mm							
E9034-LBC-35	35°		2104	3000			
E9034-LBC-EL	25x35°	29,5W	2124		220-240V (500mA)	>90	0,75
E9034-LBN-35	35°		2499	4000			
E9034-LBN-EL	25x35°		2522				

OPZIONI - OPTIONAL

Maggiori lunghezze a richiesta
Longer lengths on request

ACCESSORI - ACCESSORIES

- | | |
|----------|---|
| 161 | Kit fissaggio n. 2 pezzi - H. 46mm
Fixing kit no. 2 pieces - H. 46mm |
| INOX 162 | Kit fissaggio n. 2 pezzi - H. 96mm
Fixing kit no. 2 pieces - H. 96mm |
| 163 | Kit fissaggio n. 2 pezzi - H. 156mm
Fixing kit no. 2 pieces - H. 156mm |



A richiesta connettori stagni IP68 per file continue max 30 apparecchi. codice .../FC (AD ESCLUSIONE DELLA VERSIONE 33.5 cm)
On request in and out IP68 connection for continuous line max 30 fittings. code .../FC (EXCLUDING THE 33.5 cm VERSION)

Esempio di ordinazione
Ordering example

E9032-LBC-25/FC



Longlight eco con palpebra



- Corpo in estruso di alluminio anodizzato.
 - Lenti in metacrilato.
 - Pressacavo ottone nichelato PG7.
 - Cavo di alimentazione lunghezza 1 m.
 - Driver in dotazione.
- Body made of extruded anodized aluminum
 - Methacrylate lenses.
 - Cable gland of nickel plated brass PG7.
 - Power cable length 1 m.
 - Driver supplied

BUG: B1-U0-G0
CEN: 89-97-100-100-100



CODICE - CODE	BEAM	W	LM	K	V	CRI	KG
L. 370mm							
E9031-LBC-35	35°		552				
E9031-LBC-EL	25x35°	9,5W	600	3000	220-240V (500mA)	>90	0,25
E9031-LBN-35	35°		656	4000			
E9031-LBN-EL	25x35°		600				
L. 690mm							
E9033-LBC-35	35°		1117	3000			
E9033-LBC-EL	25x35°	20W			220-240V (500mA)	>90	0,5
E9033-LBN-35	35°		1326	4000			
E9033-LBN-EL	25x35°						
L. 1037mm							
E9035-LBC-35	35°		1675	3000			
E9035-LBC-EL	25x35°	29,5W			220-240V (500mA)	>90	0,75
E9035-LBN-35	35°		1989	4000			
E9035-LBN-EL	25x35°						

OPZIONI - OPTIONAL

Maggiori lunghezze a richiesta
Longer lengths on request

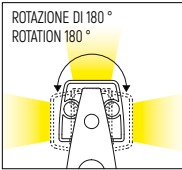
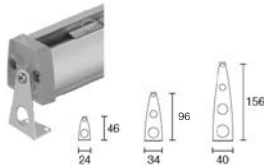
ACCESSORI - ACCESSORIES

- 161

Kit fissaggio n. 2 pezzi - H. 46mm
Fixing kit no. 2 pieces - H. 46mm
- 162

Kit fissaggio n. 2 pezzi - H. 96mm
Fixing kit no. 2 pieces - H. 96mm
- 163

Kit fissaggio n. 2 pezzi - H. 156mm
Fixing kit no. 2 pieces - H. 156mm



A richiesta connettori stagni IP68 per file continue max 30 apparecchi. codice .../FC
On request in and out IP68 connection for continuous line max 30 fittings. code .../FC

Esempio di ordinazione
Ordering example

E9032-LBC-25/FC

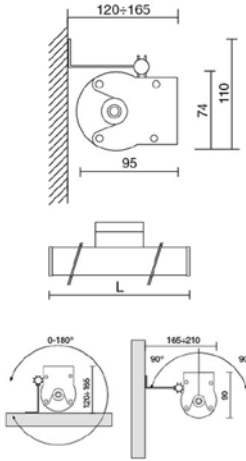


Longlight poster



- Corpo in alluminio estruso.
- Staffe di fissaggio a muro regolabile.
- Cavo di alimentazione incluso da 1 m.
- Schermo in protezione in vetro extrachiaro temperato.
- Viti in acciaio inox.

- Extruded aluminium body.
- Adjustable fixing brackets.
- Supplied with 1 m. cable.
- Extra transparent tempered glass.
- Inox screws.



CODICE - CODE	BEAM	W	LM	K	V	CRI	KG
L. 606mm							
ALS E9020-LBI	10°	32W	1700	6000	220-240V 24Vcc	>90	3,5
L. 906mm							
ALS E9021-LBI	10°	46W	2550	6000	220-240V 24Vcc	>90	5,2
L. 1206mm							
ALS E9022-LBI	10°	60W	3780	6000	220-240V 24Vcc	>90	6,9
L. 1506mm							
ALS E9023-LBI	10°	74W	4725	6000	220-240V 24Vcc	>90	8,7

OPZIONI - OPTIONAL

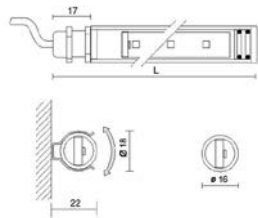
E...-LBC Bianco caldo (3000K)
Warm white (3000K)



Ledline micro



- Tubo in policarbonato trasparente.
 - Dissipatore interno al tubo in alluminio anodizzato.
 - Ottica orientabile.
 - Staffe di fissaggio a muro in acciaio inox.
 - Pressacavo in ottone nichelato.
 - Lunghezza cavo 2 m.
- Transparent polycarbonate tube.
 - Heatsink inside the tube made of anodized aluminium.
 - Adjustable optic.
 - Wall fixing brackets made of inox steel.
 - Nickel brass cable gland.
 - Cable lenght 2 m.



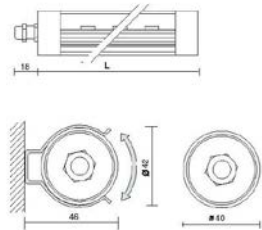
CODICE - CODE	BEAM	W	LM	K	V	CRI	KG
L.1050mm VERSIONE ALTA EFFICIENZA - HIGHT EFFICIENCY VERSION							
E961-LBC			1403	3000			
E961-LBN	120°	14,4W	1460	4000	24Vdc	>90	0,7
E961-LBI			1080	5000			
L. 2050mm VERSIONE ALTA EFFICIENZA - HIGHT EFFICIENCY VERSION							
E962-LBC			2805	3000			
E962-LBN	120°	28,8W	2921	4000	24Vdc	>90	1,4
E962-LBI			3399	5000			
L. 3050mm VERSIONE ALTA EFFICIENZA - HIGHT EFFICIENCY VERSION							
E963-LBC			4208	3000			
E963-LBN	120°	43,2W	4381	4000	24Vdc	>90	2,1
E963-LBI			3239	5000			

Ledline



- Tubo in policarbonato.
- Dissipatore interno al tubo, corpo interno e testate in alluminio anodizzato.
- Ottica orientabile.
- Staffe di fissaggio a muro in acciaio inox.
- Pressacavo in ottone nichelato.
- Led durata utile: 25.000 (h) L80 B20.
- Cavo H05RN-F lunghezza. 2 mt.

- Polycarbonate tube.
- Internal body heatsink and heads made of anodized aluminium.
- Adjustable optic.
- Wall fixing brackets made of inox steel.
- Nickel brass cable gland.
- Cable H05RN-F length. 2 mt.
- Led life: 25.000 (h) L80 B20.



CODICE - CODE	BEAM	W	LM	K	V	CRI	KG
L 572mm VERSIONE SMD CON SCHERMO TRASPARENTE - SDM VERSION WITH TRANSPARENT SCREEN							
E953-LBC			2518	3000			
E953-LBN	120°	22W	2518	4000	24Vdc	>90	1,2
E953-LBI			1059	5000			
L 1072mm VERSIONE SMD CON SCHERMO TRASPARENTE - SDM VERSION WITH TRANSPARENT SCREEN							
E954-LBC			4717	3000			
E954-LBN	120°	44W	5066	4000	24Vdc	>90	2,3
E954-LBI			2131	5000			
L 1512mm VERSIONE SMD CON SCHERMO TRASPARENTE - SDM VERSION WITH TRANSPARENT SCREEN							
E955-LBC			7011	3000			
E955-LBN	120°	66W	7531	4000	24Vdc	>90	3,3
E955-LBI			9504	5000			
L 2072mm VERSIONE SMD CON SCHERMO TRASPARENTE - SDM VERSION WITH TRANSPARENT SCREEN							
E956-LBC			9366	3000			
E956-LBN	120°	88W	10060	4000	24Vdc	>90	4,3
E956-LBI			16928	5000			
L 372mm VERSIONE SMD CON SCHERMO TRASPARENTE - SDM VERSION WITH TRANSPARENT SCREEN							
E922-RGB	120°	72W	-	RGB	24Vdc	>90	0,75
L 572mm VERSIONE SMD CON SCHERMO TRASPARENTE - SDM VERSION WITH TRANSPARENT SCREEN							
E924-RGB	120°	72W	-	RGB	24Vdc	>90	1,4
L 1072mm VERSIONE SMD CON SCHERMO TRASPARENTE - SDM VERSION WITH TRANSPARENT SCREEN							
E926-RGB	120°	72W	-	RGB	24Vdc	>90	2
L 1572mm VERSIONE SMD CON SCHERMO TRASPARENTE - SDM VERSION WITH TRANSPARENT SCREEN							
E928-RGB	120°	72W	-	RGB	24Vdc	>90	2,6
L 2072mm VERSIONE SMD CON SCHERMO TRASPARENTE - SDM VERSION WITH TRANSPARENT SCREEN							
E930-RGB	120°	72W	-	RGB	24Vdc	>90	3

OPZIONI - OPTIONAL

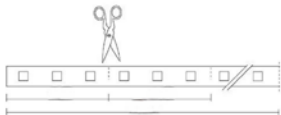
A richiesta: Versione 12Vdc
On request. 12Vdc Version

Led strip SMD 1 - IP65



- Modulo Led su circuito flessibile con lato posteriore autoadesivo adatto a qualsiasi superficie fornito completo di cavallotto di fissaggio.
- Fornito in bobine (roll) da 5 metri con possibilità di taglio secondo la tabella sottostante.
- Valori espressi in metro lineare (ML).

- LED module on flexible circuit with self-adhesive back side suitable for any surface supplied complete with fixing jumper.
- Supplied in 5-metre reels (rolls) with the possibility of cutting according to the table below.
- Values expressed in linear metre (ML).



12VDC - 4,8W/ML



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
LED STRIP 1 - L.5m - N. LED 300 - 12V - IP65								
645256-LBC-IP	Taglio - Cut 50mm	120°	4,8W	204	3000	12Vdc	>90	0,3
645256-LBN-IP	Taglio - Cut 50mm			207	4000			
645256-LBI-IP	Taglio - Cut 50mm			210	6000			
645256-LBL-IP	Taglio - Cut 50mm			-	460nm			

DRIVER CONSIGLIATI - RECOMMENDED DRIVERS					
645475	DRIVER ON-OFF	100W	IP67	12Vdc	

24VDC - 4,8W/MT



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
LED STRIP 1 - L.5m - N. LED 300 - 24V - IP65								
646164-LBC-IP	Taglio - Cut 100mm	120°	4,8W	480	3000	24Vdc	>90	0,17
646164-LBN-IP	Taglio - Cut 100mm			373	4000		>80	

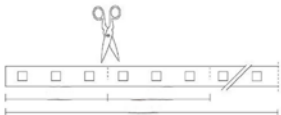
DRIVER CONSIGLIATI - RECOMMENDED DRIVERS					
645216	DRIVER ON-OFF	100W	IP67	24Vdc	
646371	DRIVER ON-OFF	240W	IP67	24Vdc	

Led strip SMD 2 - IP65



- Modulo Led su circuito flessibile con lato posteriore autoadesivo adatto a qualsiasi superficie fornito completo di cavallotto di fissaggio.
- Fornito in bobine (roll) da 5 metri con possibilità di taglio secondo la tabella sottostante.
- Valori espressi in metro lineare (ML).

- LED module on flexible circuit with self-adhesive back side suitable for any surface supplied complete with fixing jumper.
- Supplied in 5-metre reels (rolls) with the possibility of cutting according to the table below.
- Values expressed in linear metre (ML).



12VDC - 14,4W/MT



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
LED STRIP 2 - L.5m - N. LED 300 - 12V - IP65								
645452-LBC-IP	Taglio - Cut 50mm	120°	14,4W	1080	3000	12Vdc	>80	0,17
645452-LBN-IP	Taglio - Cut 50mm			1125	4000			
645452-LBI-IP	Taglio - Cut 50mm			1170	5000			

DRIVER CONSIGLIATI - RECOMMENDED DRIVERS					
645475	DRIVER ON-OFF	100W	IP67	12Vdc	

24VDC - 14,4W/MT



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
LED STRIP 2 - L.5m - N. LED 300 - 24V - IP65								
646165-LBC-IP	Taglio - Cut 100mm	120°	14,4W	1450	3000	24Vdc	>90	0,17
646165-LBN-IP	Taglio - Cut 100mm			1650	4000		>80	
646165-LBI-IP	Taglio - Cut 100mm			1220	5000		>90	

DRIVER CONSIGLIATI - RECOMMENDED DRIVERS					
645216	DRIVER ON-OFF	100W	IP67	24Vdc	
646371	DRIVER ON-OFF	240W	IP67	24Vdc	



					
		SMALL-BLADE ROUND	SMALL-BLADE SQUARE	SMALL-BLADE LONG	JOGGER
FAMIGLIA		SMALL-BLADE			JOGGER
FORO INCASSO CUTOFF	mm	Cassaforma per incasso tipo 503 - Recessed formwork type 503	Cassaforma per incasso tipo 503 - Recessed formwork type 503	Cassaforma per incasso tipo 503 - Recessed formwork type 503	
ASSORBIMENTO LAMP WATT	W	2	2	3	2
FLUSSO LUMINOSO LIGHT FLOW	Lm	62 - 66	62 - 66	62 - 66	170 - 177
TEMPERATURA DI COLORE COLOR TEMPERATURE	K	3000 4000	3000 4000	3000 4000 6000 470nm	3000 4000
RESA CROMATICA COLOR RENDERING	CRI	>80	>80	>80	>80
OTTICA OPTICAL					
DALI					
CLASSE DI ISOLAMENTO INSULATION CLASS					
IP RATING		IP 68	IP 68	IP 67/68	IP 65
PER PARETI SOLIDE FOR PATH		◆	◆	◆	◆
PAG.		134	135	137	139

				
NEW GREEN XS	NEW GREEN XS - 24V	NEW GREEN M	NEW GREEN XL	RIQUADRO
NEW GREEN				RIQUADRO
Cassetta d'incasso tipo 503E - Recessed formwork type 503E	Cassetta d'incasso tipo 503E - Recessed formwork type 503E	185 x 60mm	325 x 60mm	
6	5	6	9,5	8,2 - 23,5
194 - 256	194 - 222	196 - 220	444 - 463	208 - 971
3000 4000	3000 4000	3000 4000	3000 4000	3000 4000
>80	>80	>80	>80	>80
AS°-SIM°	AS°	AS°-SIM°	AS°-SIM°	AS°
				◆
				
IP 65	IP 65	IP 65	IP 65	IP 65
◆	◆	◆	◆	◆
141	143	145	147	149

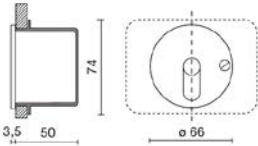
Small-Blade round

IP 68 IP 67 Foro d'incasso Recessed hole Cassaforma per incasso tipo 503

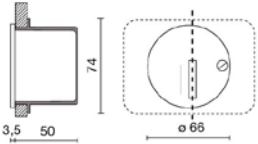
- Modulo da incasso a muro per scatola elettrica tipo 503E in dotazione.
 - Corpo in alluminio pressofuso.
 - Verniciatura in polveri poliestere previo trattamento speciale per esterni.
 - Viti in acciaio Inox.
 - Corpo e dissipatore interno in ottone nichelato.
 - Lente in metacrilato e guarnizioni in gomma siliconica.
 - Cavo di alimentazione 0,2 m. e connettori per cablaggi a tenuta stagna in dotazione.
- Wall recessed fitting for supplied electrical boxes type 503E.
 - Die-cast aluminium body.
 - Powder coated with pretreatment for outdoor use.
 - Inox steel screws.
 - Body and internal heatsink made of nichel plated brass.
 - Methacrylate lens and gasket glands of silicone rubber.
 - Power cable 0,2 m. long and connectors for watertight wiring supplied.



FASCIO STRETTO - STRETCH BUNDLE

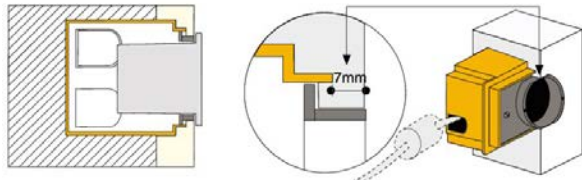


LAMA DI LUCE - BLADE OF LIGHT



				BEAM	W	LM	K	V	CRI	KG
ALLOGGIAMENTO A PRESSIONE - PRESSURE FIXING										
BI	E909BR-LBC	E951BR-LBC		2W		62	3000	500mA	>80	0,8
NE	E909NE-LBC	E951NE-LBC								
GR	E909-LBC	E951-LBC								
BI	E909BR-LBN	E951BR-LBN		2W		66	4000	500mA	>80	0,8
NE	E909NE-LBN	E951NE-LBN								
GR	E909-LBN	E951-LBN								
ALLOGGIAMENTO CON VITI - SCREWS FIXING										
BI	E909BR-LBC-V	E951BR-LBC-V		2W		62	3000	500mA	>80	0,8
NE	E909NE-LBC-V	E951NE-LBC-V								
GR	E909-LBC-V	E951-LBC-V								
BI	E909BR-LBN-V	E951BR-LBN-V		2W		66	4000	500mA	>80	0,8
NE	E909NE-LBN-V	E951NE-LBN-V								
GR	E909-LBN-V	E951-LBN-V								

DRIVER CONSIGLIATI - RECOMMENDED DRIVERS				
644758-5	Driver ON-OFF - 3 apparecchi	6	IP20	500mA
645626-1	Driver ON-OFF	20W	IP67	500mA
645939	DRIVER DIM DALI	7÷26W	IP20	150÷700mA
644759-1	DRIVER ON-OFF	15W	IP20	350mA



Scatola da immurare tipo 503E • adattatore in dotazione
Wall box type 503E • adaptor included

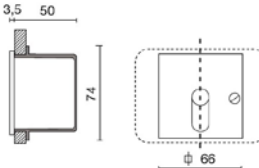
Small-Blade square

IP 68 Foro d'incasso Recessed hole Cassaforma per incasso tipo 503

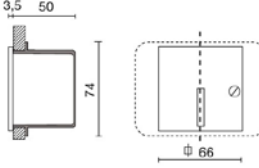
- Modulo da incasso a muro per scatola elettrica tipo 503E in dotazione.
 - Corpo in alluminio pressofuso.
 - Verniciatura in polveri poliestere previo trattamento speciale per esterni.
 - Viti in acciaio Inox.
 - Corpo e dissipatore interno in ottone nichelato.
 - Lente in metacrilato e guarnizioni in gomma siliconica.
 - Cavo di alimentazione 0,2 m.e connettori per cablaggi a tenuta stagna in dotazione.
- Wall recessed fitting for supplied electrical boxes type 503E.
 - Die-cast aluminium body.
 - Powder coated with pretreatment for outdoor use.
 - Inox steel screws.
 - Body and internal heatsink made of nichel plated brass.
 - Methacrylate lens and gasket glands of silicone rubber.
 - Power cable 0,2 m. long and connectors for watertight wiring supplied.



FASCIO STRETTO - STRETCH BUNDLE



LAMA DI LUCE - BLADE OF LIGHT



			BEAM	W	LM	K	V	CRI	KG
ALLOGGIAMENTO A PRESSIONE - PRESSURE FIXING									
BI	E909BR-Q-LBC	E951BR-Q-LBC		2W	62	3000	500mA	>80	0,9
NE	E909NE-Q-LBC	E951NE-Q-LBC							
GR	E909-Q-LBC	E951-Q-LBC							
BI	E909BR-Q-LBN	E951BR-Q-LBN		2W	66	4000	500mA	>80	0,9
NE	E909NE-Q-LBN	E951NE-Q-LBN							
GR	E909-Q-LBN	E951-Q-LBN							
ALLOGGIAMENTO CON VITI - SCREWS FIXING									
BI	E909BR-Q-LBC-V	E951BRQ-LBC-V		2W	62	3000	500mA	>80	0,9
NE	E909NE-Q-LBC-V	E951NEQ-LBC-V							
GR	E909-Q-LBC-V	E951-Q-LBC-V							
BI	E909BR-Q-LBN-V	E951BRQ-LBN-V		2W	66	4000	500mA	>80	0,9
NE	E909NE-Q-LBN-V	E951NEQ-LBN-V							
GR	E909-Q-LBN-V	E951-Q-LBN-V							

DRIVER CONSIGLIATI - RECOMMENDED DRIVERS				
644759-1	DRIVER ON-OFF	15W	IP20	350mA
644758-5	Driver ON-OFF - 3 apparecchi	6	IP20	500mA
645626-1	Driver ON-OFF	20W	IP67	500mA
645939	DRIVER DIM DALI	7÷26W	IP20	150÷700mA



Small-Blade long

IP 67 IP 68

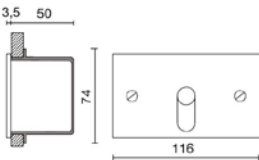


Cassaforma per incasso tipo 503

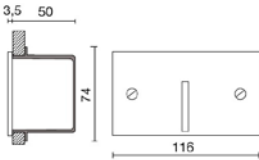
- Modulo da incasso a muro per scatola elettrica tipo 503E in dotazione.
- Corpo in alluminio pressofuso.
- Verniciatura in polveri poliestere previo trattamento speciale per esterni.
- Viti in acciaio Inox.
- Corpo e dissipatore interno in ottone nichelato.
- Lente in metacrilato e guarnizioni in gomma siliconica.
- Cavo di alimentazione 0,2 m. e connettori per cablaggi a tenuta stagna in dotazione.
- Wall recessed fitting for supplied electrical boxes type 503E.
- Die-cast aluminium body.
- Powder coated with pretreatment for outdoor use.
- Inox steel screws.
- Body and internal heatsink made of nichel plated brass.
- Methacrylate lens and gasket gland made of silicone rubber.
- Power cable 0,2 m. long and connectors for watertight wiring supplied.



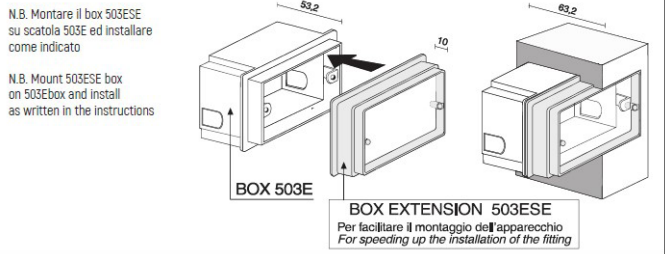
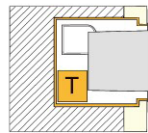
FASCIO STRETTO - STRETCH BUNDLE



LAMA DI LUCE - BLADE OF LIGHT



			BEAM	W	LM	K	V	CRI	KG
BI	E909BR-L-LBC	E951BR-L-LBC							
NE	E909NE-L-LBC	E951NE-L-LBC			62	3000			
GR	E909-L-LBC	E951-L-LBC							
BI	E909BR-L-LBN	E951BR-L-LBN		3W			220-240V	>80	1
NE	E909NE-L-LBN	E951NE-L-LBN			66	4000			
GR	E909-L-LBN	E951-L-LBN							

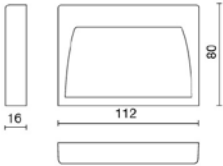




Jogger

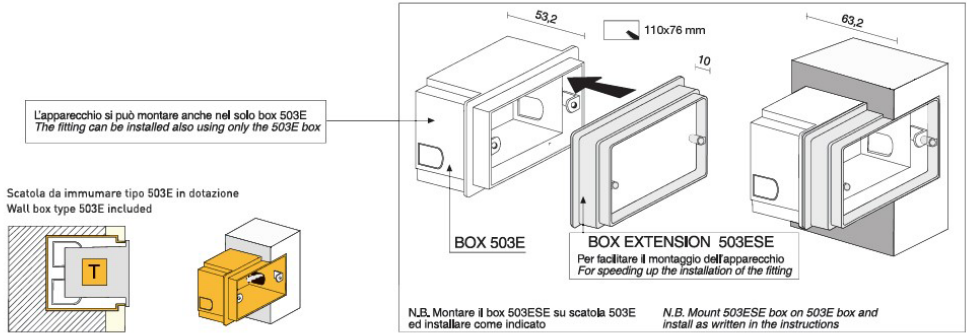


- Modulo da incasso a muro.
- Corpo in materiale termoplastico.
- Viti in acciaio Inox.
- Riflettore in alluminio ossidato.
- Wall recessed fitting.
- Body made of thermoplastic material.
- Inox steel screws.
- Oxidized aluminium reflector.



CODICE - CODE		W	LM	K	V	CRI	KG
BI	E912-LBC	2W	170	3000	230-240V	>80	0,16
	E912-LBN		177	4000			

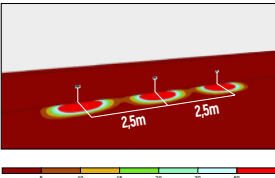
OPZIONI - OPTIONAL
A richiesta: colorazioni corpo nero Ne - grigio Gr - RAL
On request body colour black Ne - grey Gr - RAL





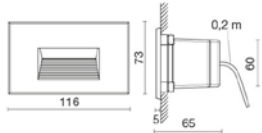
New green XS

IP 65 IK 07     Foro d'incasso Recessed hole  Casseta d'incasso tipo 503E

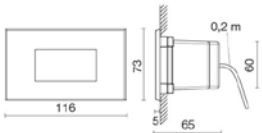


- Corpo e telaio in pressofusione di alluminio verniciato
- con polveri poliestere con pretrattamento speciale per esterni.
- Modulo da incasso a muro per scatole elettriche tipo 503E + 503ESE entrambe in dotazione.
- Fissaggio telaio tramite molle o con viti antivandalo.
- Guarnizioni e pressacavo in gomma siliconica.
- Vetro di protezione extrachiari per versione asimmetrica.
- Vetro di protezione opale bianco per versione simmetrica.
- Cavo di alimentazione 0,2 m. e connettori per cablaggi a tenuta stagna in dotazione.
- Alimentatore integrato.
- Body and frame made of die-cast aluminum painted
- with polyester powders with special pre-treatment for outdoor use.
- Wall recessed module for electrical boxes type 503E + 503ESE both supplied.
- Frame fastening by springs or with vandal-proof screws.
- Silicone rubber gaskets and cable gland.
- Extra-clear protective glass for asymmetric version.
- White opal protective glass for symmetrical version.
- Power cable 0.2 m. and connectors for watertight wiring included.
- Integrated power supply unit.

LUCE ASIMMETRICA - ASYMMETRIC LIGHT

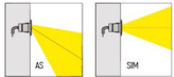


LUCE SIMMETRICA - SYMMETRIC LIGHT



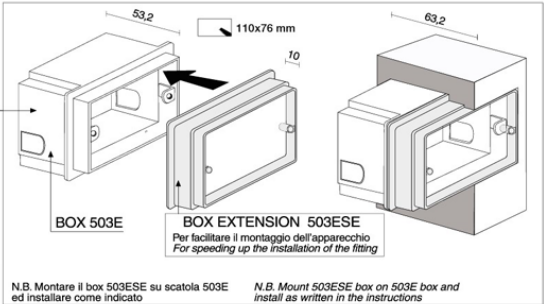
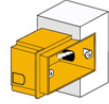
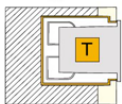
CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
LUCE ASIMMETRICA - ASYMMETRIC LIGHT								
BI	E5887-LBC	 AS°	6W	194	3000	220-240V (350mA)	>80	0,4
NE	E5888-LBC							
GR	E5889-LBC							
BI	E5887-LBN	 AS°	6W	222	4000	220-240V (350mA)	>80	0,4
NE	E5888-LBN							
GR	E5889-LBN							
LUCE SIMMETRICA - SYMMETRIC LIGHT								
BI	E5890-LBC	 SIM°	6W	219	3000	220-240V (350mA)	>80	0,4
NE	E5891-LBC							
GR	E5892-LBC							
BI	E5890-LBN	 SIM°	6W	222	4000	220-240V (350mA)	>80	0,4
NE	E5891-LBN							
GR	E5892-LBN							
LUCE ASIMMETRICA CON VITI ANTIVANDALO - ASYMMETRIC BEAM VANDAL-PROOF SCREWS								
BI	E5887-LBC-V	 AS°	6W	194	3000	220-240V (350mA)	>80	0,4
NE	E5888-LBC-V							
GR	E5889-LBC-V							
BI	E5887-LBN-V	 AS°	6W	222	4000	220-240V (350mA)	>80	0,4
NE	E5888-LBN-V							
GR	E5889-LBN-V							

Cod.354700 Scatola 503E + Cod.358000 503ESE



L'apparecchio si può montare anche nel solo box 503E
The fitting can be installed also using only the 503E box

Scatola da immersione tipo 503E in dotazione
Wall box type 503E included



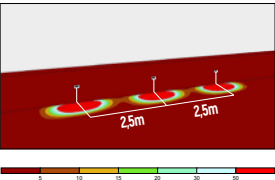
New green XS - 24V



Foro d'incasso
Recessed hole

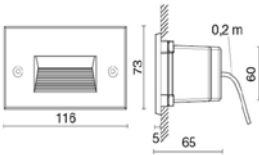


Cassetta d'incasso tipo 503E



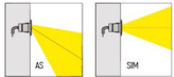
- Corpo e telaio in pressofusione di alluminio verniciato con polveri poliestere
- con pretrattamento speciale per esterni.
- Modulo da incasso a muro per scatole elettriche tipo 503E + 503ESE entrambe in dotazione.
- Fissaggio telaio tramite molle o con viti antivandalo.
- Guarnizioni e pressacavo in gomma siliconica.
- Vetro di protezione extrachiaro per versione asimmetrica.
- Vetro di protezione opale bianco per versione simmetrica.
- Cavo di alimentazione 0,2 m. e connettori per cablaggi a tenuta stagna in dotazione.
- Body and frame made of die-cast aluminum painted with polyester powders with special pre-treatment for outdoor use.
- Wall recessed module for electrical boxes type 503E + 503ESE both supplied.
- Frame fastening by springs or with vandal-proof screws.
- Silicone rubber gaskets and cable gland.
- Extra-clear protective glass for asymmetric version.
- White opal protective glass for symmetrical version.
- Power cable 0.2 m. and connectors for watertight wiring included.

LUCE ASIMMETRICA -
ASYMMETRICAL LIGHT 24V



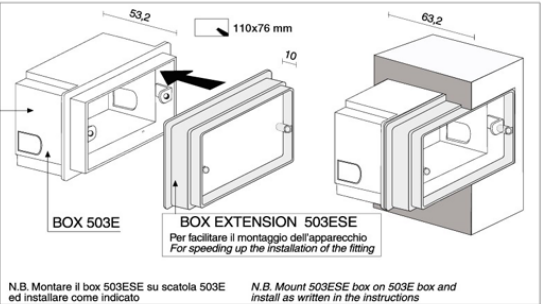
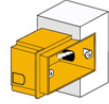
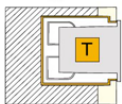
CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
LUCE ASIMMETRICA 24V - ASYMMETRIC LIGHT								
BI	E5887-LBC-24							
NE	E5888-LBC-24			194	3000			
GR	E5889-LBC-24							
BI	E5887-LBN-24	AS°	5W			24Vdc	>80	0,4
NE	E5888-LBN-24			222	4000			
GR	E5889-LBN-24							
LUCE ASIMMETRICA CON VITI ANTIVANDALO 24V - ASYMMETRIC BEAM VANDAL-PROOF SCREWS 24V								
BI	E5887-LBC-V-24							
NE	E5888-LBC-V-24			194	3000			
GR	E5889-LBC-V-24							
BI	E5887-LBN-V-24	AS°	5W			24Vdc	>80	0,4
NE	E5888-LBN-V-24			222	4000			
GR	E5889-LBN-V-24							

Cod.354700 Scatola 503E + Cod.358000 503ESE



L'apparecchio si può montare anche nel solo box 503E
The fitting can be installed also using only the 503E box

Scatola da immergere tipo 503E in dotazione
Wall box type 503E included



N.B. Montare il box 503ESE su scatola 503E
ed installare come indicato

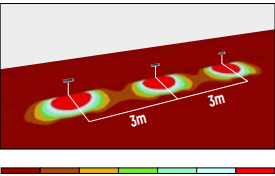
N.B. Mount 503ESE box on 503E box and
install as written in the instructions



New green M

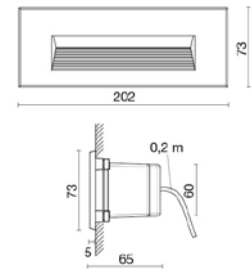


Foro d'incasso
Recessed hole  185 x 60mm

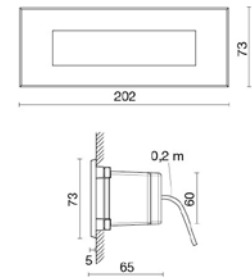


- Corpo e telaio in pressofusione di alluminio verniciato con polveri poliestere con pretrattamento speciale per esterni.
- Fissaggio telaio tramite molle (a richiesta viti antivandalo).
- Vetro di protezione extrachiaro per telaio asimmetrico.
- Vetro di protezione bianco opalino per telaio simmetrico.
- Cavo di alimentazione 0,2 m. e connettori per cablaggi a tenuta stagna in dotazione.
- Body and frame made of die-cast aluminum painted with polyester powder with special outdoor pretreatment.
- Frame fastening by springs (vandal-proof screws on request).
- Extra-clear protective glass for asymmetrical frame.
- Opal white protective glass for symmetrical frame.
- Power cable 0.2 m. and connectors for watertight wiring included.

LUCE ASIMMETRICA - ASYMMETRIC LIGHT



LUCE SIMMETRICA - SYMMETRIC LIGHT

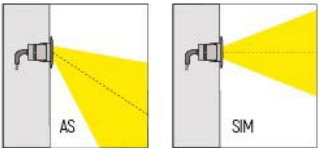
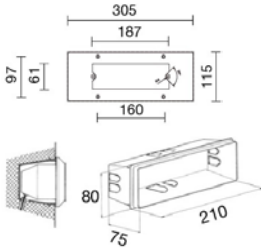


	CODICE - CODE	BEAM	W	LM	K	V	CRI	KG
LUCE ASIMMETRICA - ASYMMETRIC LIGHT								
BI	E5881-LBC							
NE	E5882-LBC			196	3000			
GR	E5883-LBC							
BI	E5881-LBN	AS°	6W			220-240V (350mA)	>80	0,8
NE	E5882-LBN			204	4000			
GR	E5883-LBN							

LUCE SIMMETRICA - SYMMETRIC LIGHT								
BI	E5884-LBC							
NE	E5885-LBC			210	3000			
GR	E5886-LBC							
BI	E5884-LBN	SIM°	6W			220-240V (350mA)	>80	0,8
NE	E5885-LBN			220	4000			
GR	E5886-LBN							

OPZIONI - OPTIONAL	
...V	Versione con viti antivandalo Vandal-proof screws version

ACCESSORI - ACCESSORIES	
BI	119-06
NE	119-07
GR	119-19
NE	320001
	Kit piastra compensazione telaio con fori per cassaforma Compensation plate kit frame with holes for formwork
	Scatola da immergere 215x85mm Container for recessed wall light 215x85mm

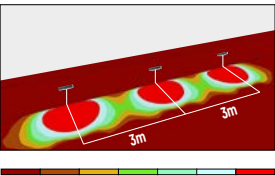




New Green XL

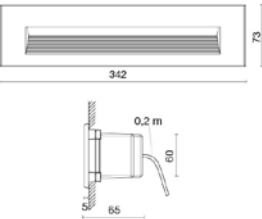


Foro d'incasso
Recessed hole  325 x 60mm



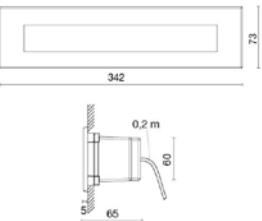
- Corpo e telaio in pressofusione di alluminio verniciato.
- con polveri poliestere con pretrattamento speciale per esterni.
- Fissaggio telaio tramite molle (a richiesta viti antivandalo).
- Vetro di protezione extrachiaro per telaio asimmetrico.
- Vetro di protezione bianco opalino per telaio simmetrico.
- Cavo di alimentazione 0,2 m. e connettori per cablaggi a tenuta stagna in dotazione.
- Aluminum die-cast body and frame painted with polyester powder
- with pretreatment for outdoor use.
- Screwless frame (on request vandal-proof screws).
- Trasparent extra light protection glass for asymmetrical frame.
- White opal protection glass for symmetrical frame.
- Power cable 0,2 m. long and connectors for harenesses tight wiring supplied.

LUCE ASIMMETRICA - ASYMMETRIC LIGHT



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG	
LUCE ASIMMETRICA - ASYMMETRIC LIGHT									
BI	E5875-LBC		AS°	9,5W	444	3000	220-240V (350mA)	>80	1,25
NE	E5876-LBC								
GR	E5877-LBC								
BI	E5875-LBN								
NE	E5876-LBN								
GR	E5877-LBN								

LUCE SIMMETRICA - SYMMETRIC LIGHT



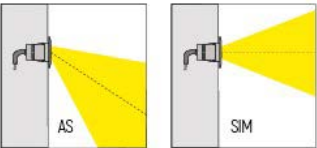
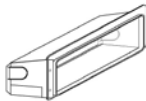
LUCE SIMMETRICA - SYMMETRIC LIGHT									
BI	E5878-LBC		SIM°	9,5W	444	3000	220-240V (350mA)	>80	1,25
NE	E5879-LBC								
GR	E5880-LBC								
BI	E5878-LBN		SIM°	9,5W	463	4000	220-240V (350mA)	>80	1,25
NE	E5879-LBN								
GR	E5880-LBN								

OPZIONI - OPTIONAL

...V Versione con viti antivandalo
Vandal-proof screws version

ACCESSORI - ACCESSORIES

NE 320000 Scatola da immerare 350x80mm
Container for recessed wall light 350x80mm





Riquadro



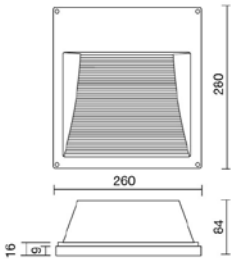
A RICHIESTA - ON REQUEST



BUG: B1-U1-G1
CEN: 36-69-93-100-100



- Corpo in pressofuso di alluminio.
 - Verniciatura in polveri con pretrattamento speciale per esterni.
 - Vetro di protezione temperato.
 - Viti in acciaio Inox.
 - Guarnizioni in gomma siliconica.
 - Cassaforma di alloggiamento inclusa.
 - Led durata utile: 50.000 (h) L90 B20.
 - Consistenza cromatica: 3 MCE.
- Die-cast aluminum body.
 - Powder coating with special outdoor pretreatment.
 - Tempered safety glass.
 - Stainless steel screws.
 - Silicone rubber gaskets.
 - Housing formwork included.
 - Led service life: 50,000 (h) L90 B20.
 - Color consistency: 3 MCE.



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
IP65								
BI	E5345-LBC							
NE	E5346-LBC			208	3000			
GR	E5347-LBC							
BI	E5345-LBN	AS°	8,2W			220-240V (350mA)	>80	3,5
NE	E5346-LBN			215	4000			
GR	E5347-LBN							
IP67 - IK04								
BI	E5313-LBC							
NE	E5314-LBC			798	3000			
GR	E5315-LBC							
BI	E5313-LBN	AS°	23,5W			220-240V (350mA)	>80	3,5
NE	E5314-LBN			971	4000			
GR	E5315-LBN							

ACCESSORI - ACCESSORIES

- BI

884-BR
- NE

884-NE

Box per montaggio a parete
Box for wall mounting
- GR

884-GR





		NEOS-T	NEOS-Q	CUBE 80	CUBE 120	VARIANT 150	VARIANT 200	VARIANT 300	FRISBEE WALL
FAMIGLIA		NEOS		CUBE		VARIANT			FRISBEE WALL
ASSORBIMENTO LAMP WATT	W	1 - 9	5 - 9	12	12	5,8	23	8	16
FLUSSO LUMINOSO LIGHT FLOW	Lm	217 - 558	217 - 556	447 - 512	452 - 564	347 - 381	910 - 1003	374 - 395	850
TEMPERATURA DI COLORE COLOR TEMPERATURE	K	3000 4000 470nm	3000 6000 470nm	3000 4000	3000 4000	3000 4000 6000	3000 4000	3000 4000	3000 4000
RESA CROMATICA COLOR RENDERING	CRI	>90	>90	>90	>90	>80	>90	>90	>90
OTTICA OPTICAL		10 - 40°	10 - 40°	da 10 - a 80°	da 10 - a 80°	30°		30°	
CLASSE DI ISOLAMENTO INSULATION CLASS									
IP RATING		IP 65	IP 65	IP 65	IP 65	IP 65	IP 65	IP 65	IP 65
PER PARETI SOLIDE FOR PATH		◆	◆	◆	◆	◆	◆	◆	◆
PAG.		153	155	157	159	160	161	163	165



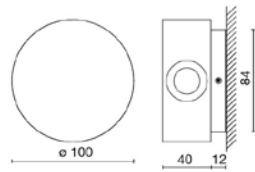
APPLY MINI	APPLY 1 - 2	LI-LED	RULED LINEAR IP65 PARETE	SD1	SD2	SD3
APPLY		LI-LED	RULED LINEAR IP 65	SD		
8,2	9	4	10,5 - 32,5	13,5 - 26	13,5 - 27	6,2 - 11,6
576 - 578	518 - 620	67 - 109	594 - 1931	1650 - 3300	1650 - 3300	320 - 640
3000 4000	3000 4000 6000	3000 6000 470nm	3000 4000	3000	3000	3000
>80	>80	>80	>80	> 80	>90	>90
		25°	AS°	40°	40°	30°
IP 65	IP 65	IP 65	IP 65	IP 65	IP IP 65	IP IP 65
◆	◆	◆	◆			
167	169	170	171	171	175	177



Neos-T



- Corpo e basetta in alluminio.
 - Verniciatura in polveri poliestere previo trattamento speciale per esterni.
 - Viteria in acciaio Inox.
 - Vetri di sicurezza.
 - Anelli di chiusura in acciaio Inox (AISI 316L).
 - Guarnizioni e pressacavo di tenuta in gomma siliconica.
 - Driver integrato.
- Body and base made of aluminium.
 - Polyester powder coating with special treatment for outdoor use.
 - Stainless steel screws.
 - Safety glass.
 - Stainless steel Inox AISI 316L caps.
 - Seals and silicone rubber sealing gland.
 - Build-in driver.



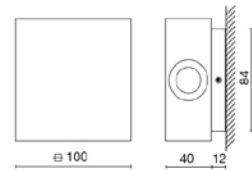
	10°	25°	40°		W	LM	K	V	CRI	KG
VERSIONE 2 LED - 2 LED VERSION										
BI	E5860T-LBC-10	E5860T-LBC-30	E5860T-LBC-45		5W	217	3000	220-240V (500mA)	>90	1
NE	E5861T-LBC-10	E5861T-LBC-30	E5861T-LBC-45							
GR	E5862T-LBC-10	E5862T-LBC-30	E5862T-LBC-45							
BW	E5863T-LBC-10	E5863T-LBC-30	E5863T-LBC-45							
BI	E5860T-LBN-10	E5860T-LBN-30	E5860T-LBN-45		5W	276	4000	220-240V (500mA)	>90	1
NE	E5861T-LBN-10	E5861T-LBN-30	E5861T-LBN-45							
GR	E5862T-LBN-10	E5862T-LBN-30	E5862T-LBN-45							
BW	E5863T-LBN-10	E5863T-LBN-30	E5863T-LBN-45							
BI	E5860T-LBL-10	E5860T-LBL-30	E5860T-LBL-45			-	470nm			
NE	E5861T-LBL-10	E5861T-LBL-30	E5861T-LBL-45							
GR	E5862T-LBL-10	E5862T-LBL-30	E5862T-LBL-45							
BW	E5863T-LBL-10	E5863T-LBL-30	E5863T-LBL-45							
VERSIONE 3 LED - 3 LED VERSION										
BI	E5864T-LBC-10	E5864T-LBC-30	E5864T-LBC-45		7W	326	3000	220-240V (500mA)	>90	1
NE	E5865T-LBC-10	E5865T-LBC-30	E5865T-LBC-45							
GR	E5866T-LBC-10	E5866T-LBC-30	E5866T-LBC-45							
BW	E5867T-LBC-10	E5867T-LBC-30	E5867T-LBC-45							
BI	E5864T-LBN-10	E5864T-LBN-30	E5864T-LBN-45		7W	414	4000	220-240V (500mA)	>90	1
NE	E5865T-LBN-10	E5865T-LBN-30	E5865T-LBN-45							
GR	E5866T-LBN-10	E5866T-LBN-30	E5866T-LBN-45							
BW	E5867T-LBN-10	E5867T-LBN-30	E5867T-LBN-45							
BI	E5864T-LBL-10	E5864T-LBL-30	E5864T-LBL-45			-	470nm			
NE	E5865T-LBL-10	E5865T-LBL-30	E5865T-LBL-45							
GR	E5866T-LBL-10	E5866T-LBL-30	E5866T-LBL-45							
BW	E5867T-LBL-10	E5867T-LBL-30	E5867T-LBL-45							
VERSIONE 4 LED - 4 LED VERSION										
BI	E5868T-LBC-10	E5868T-LBC-30	E5868T-LBC-45		8W	434	3000	220-240V (500mA)	>90	1
NE	E5869T-LBC-10	E5869T-LBC-30	E5869T-LBC-45							
GR	E5870T-LBC-10	E5870T-LBC-30	E5870T-LBC-45							
BW	E5871T-LBC-10	E5871T-LBC-30	E5871T-LBC-45							
BI	E5868T-LBN-10	E5868T-LBN-30	E5868T-LBN-45		8W	552	4000	220-240V (500mA)	>90	1
NE	E5869T-LBN-10	E5869T-LBN-30	E5869T-LBN-45							
GR	E5870T-LBN-10	E5870T-LBN-30	E5870T-LBN-45							
BW	E5871T-LBN-10	E5871T-LBN-30	E5871T-LBN-45							
BI	E5868T-LBL-10	E5868T-LBL-30	E5868T-LBL-45			-	470nm			
NE	E5869T-LBL-10	E5869T-LBL-30	E5869T-LBL-45							
GR	E5870T-LBL-10	E5870T-LBL-30	E5870T-LBL-45							
BW	E5871T-LBL-10	E5871T-LBL-30	E5871T-LBL-45							



Neos-Q



- Corpo e basetta in alluminio.
 - Verniciatura in polveri poliestere previo trattamento speciale per esterni.
 - Viteria in acciaio Inox.
 - Vetri di sicurezza.
 - Anelli di chiusura in acciaio Inox (AISI 316L).
 - Guarnizioni e pressacavo di tenuta in gomma siliconica.
 - Driver integrato.
- Body and base made of aluminium.
 - Polyester powder coating with special treatment for outdoor use.
 - Stainless steel screws.
 - Safety glass.
 - Stainless steel Inox AISI 316L caps.
 - Seals and silicone rubber sealing gland.
 - Build-in driver.



	10°	25°	40°		W	LM	K	V	CRI	KG
VERSIONE 2 LED - 2 LED VERSION										
BI	E5860Q-LBC-10	E5860Q-LBC-30	E5860Q-LBC-45		5W	217	3000	220-240V (500mA)	>90	12
BW	E5863Q-LBC-10	E5863Q-LBC-30	E5863Q-LBC-45							
GR	E5862Q-LBC-10	E5862Q-LBC-30	E5862Q-LBC-45							
NE	E5861Q-LBC-10	E5861Q-LBC-30	E5861Q-LBC-45							
BI	E5860Q-LBN-10	E5860Q-LBN-30	E5860Q-LBN-45		5W	276	6000	220-240V (500mA)	>90	12
BW	E5863Q-LBN-10	E5863Q-LBN-30	E5863Q-LBN-45							
GR	E5862Q-LBN-10	E5862Q-LBN-30	E5862Q-LBN-45							
NE	E5861Q-LBN-10	E5861Q-LBN-30	E5861Q-LBN-45							
BI	E5860Q-LBL-10	E5860Q-LBL-30	E5860Q-LBL-45			-	470nm			
BW	E5863Q-LBL-10	E5863Q-LBL-30	E5863Q-LBL-45							
GR	E5862Q-LBL-10	E5862Q-LBL-30	E5862Q-LBL-45							
NE	E5861Q-LBL-10	E5861Q-LBL-30	E5861Q-LBL-45							
VERSIONE 3 LED - 3 LED VERSION										
BI	E5864Q-LBC-10	E5864Q-LBC-30	E5864Q-LBC-45			326	3000			
BW	E5867Q-LBC-10	E5867Q-LBC-30	E5867Q-LBC-45							
GR	E5866Q-LBC-10	E5866Q-LBC-30	E5866Q-LBC-45							
NE	E5865Q-LBC-10	E5865Q-LBC-30	E5865Q-LBC-45							
BI	E5864Q-LBN-10	E5864Q-LBN-30	E5864Q-LBN-45		7W	414	6000	220-240V (500mA)	>90	12
BW	E5867Q-LBN-10	E5867Q-LBN-30	E5867Q-LBN-45							
GR	E5866Q-LBN-10	E5866Q-LBN-30	E5866Q-LBN-45							
NE	E5865Q-LBN-10	E5865Q-LBN-30	E5865Q-LBN-45							
BI	E5864Q-LBL-10	E5864Q-LBL-30	E5864Q-LBL-45			-	470nm			
BW	E5867Q-LBL-10	E5867Q-LBL-30	E5867Q-LBL-45							
GR	E5866Q-LBL-10	E5866Q-LBL-30	E5866Q-LBL-45							
NE	E5865Q-LBL-10	E5865Q-LBL-30	E5865Q-LBL-45							
VERSIONE 4 LED - 4 LED VERSION										
BI	E5868Q-LBC-10	E5868Q-LBC-30	E5868Q-LBC-45			434	3000			
BW	E5871Q-LBC-10	E5871Q-LBC-30	E5871Q-LBC-45							
GR	E5870Q-LBC-10	E5870Q-LBC-30	E5870Q-LBC-45							
NE	E5869Q-LBC-10	E5869Q-LBC-30	E5869Q-LBC-45							
BI	E5868Q-LBN-10	E5868Q-LBN-30	E5868Q-LBN-45		8W	556	6000	220-240V (500mA)	>90	12
BW	E5871Q-LBN-10	E5871Q-LBN-30	E5871Q-LBN-45							
GR	E5870Q-LBN-10	E5870Q-LBN-30	E5870Q-LBN-45							
NE	E5869Q-LBN-10	E5869Q-LBN-30	E5869Q-LBN-45							
BI	E5868Q-LBL-10	E5868Q-LBL-30	E5868Q-LBL-45			-	470nm			
BW	E5871Q-LBL-10	E5871Q-LBL-30	E5871Q-LBL-45							
GR	E5870Q-LBL-10	E5870Q-LBL-30	E5870Q-LBL-45							
NE	E5869Q-LBL-10	E5869Q-LBL-30	E5869Q-LBL-45							

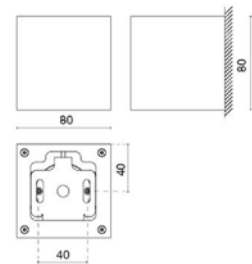


Cube 80



BUG: 80-UI-G1
CEN: 41-71-91-96-100

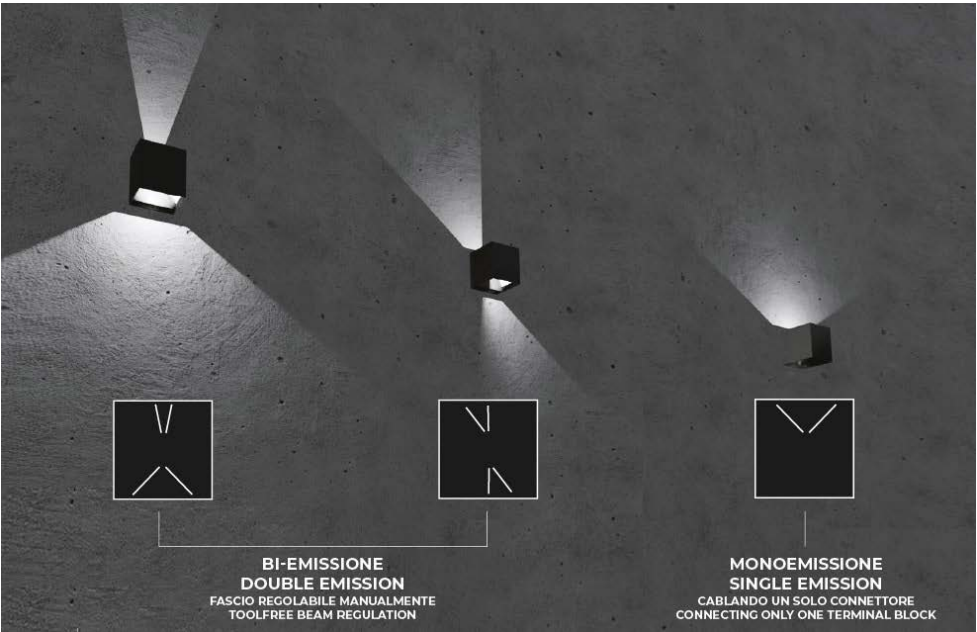
- Corpo vano ottico in estruso di alluminio.
- Verniciatura in polveri di poliestere con trattamento speciale per esterni.
- Schermo tubo policarbonato trasparente serigrafato.
- Riflettore ottico con alette regolabili.
- Fascio regolabile da 15° a 85°
- Configurabile mono e doppia emissione.
- Driver incorporato stabilizzato 230Vac/24Vdc.
- Led durata utile: 50.000 (h) L80 B20.
- Consistenza cromatica: 3 SDCM.
- Body and frame in extruded aluminium.
- Painted in polyester powders with special anti corrosion treatment for outdoor.
- Silkscreened transparent polycarbonate tube.
- Reflector with adjustable flaps.
- Beam regulation from 15° to 85°
- Configurable for single or double emission.
- Built-in stabilized driver 230vac/24Vdc.
- LED service life: 50,000 (h) L80 B20.
- Color consistency: 3 SDCM.



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG	
BI	E5460-LBC		da 10° - a 80°	12W	447	3000	220-240V 24Vdc	>90	0,7
NE	E5461-LBC								
BI	E5460-LBN								
NE	E5461-LBN				512	4000			

OPZIONI - OPTIONAL

Colore esterno PERSONALIZZATO, colori RAL | Colore interno NERO
CUSTOMIZED outer finish - RAL colours | Internal finish BLACK

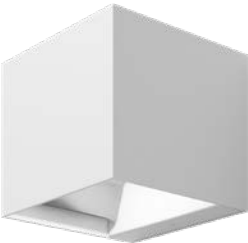




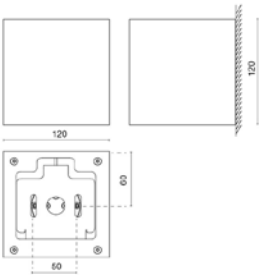
Cube 120



BUG: 80-U1-G1
CEN: 41-71-91-96-100



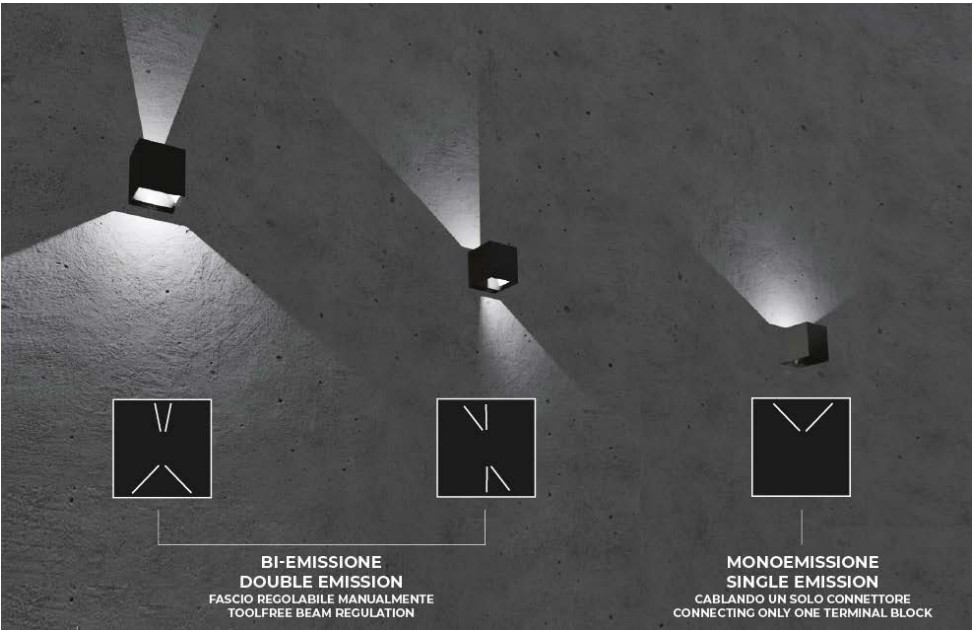
- Corpo vano ottico in estruso di alluminio.
- Verniciatura in polveri di poliestere con trattamento speciale per esterni.
- Schermo tubo policarbonato trasparente serigrafato.
- Riflettore ottico con alette regolabili.
- Fascio regolabile da 15° a 85°
- Configurabile mono e doppia emissione.
- Driver incorporato stabilizzato 230Vac/24Vdc.
- Led durata utile: 50.000 (h) L80 B20.
- Consistenza cromatica: 3 SDCM.
- Body and frame in extruded aluminium.
- Painted in polyester powders with special anti corrosion treatment for outdoor.
- Silkscreened transparent polycarbonate tube.
- Reflector with adjustable flaps.
- Beam regulation from 15° to 85°
- Configurable for single or double emission.
- Built-in stabilized driver 230vac/24Vdc.
- LED service life: 50,000 (h) L80 B20.
- Color consistency: 3 SDCM.



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG		
BI	E5450-LBC		da 10 - a 80°	12W	452	3000	220-240V 24Vdc	>90	0,85	
NE	E5451-LBC				564	4000				
BI	E5450-LBN									
NE	E5451-LBN									

OPZIONI - OPTIONAL

Colore esterno PERSONALIZZATO, colori RAL | Colore interno NERO
CUSTOMIZED outer finish - RAL colours | Internal finish BLACK

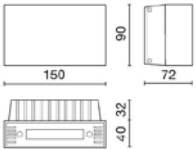


Variant 150



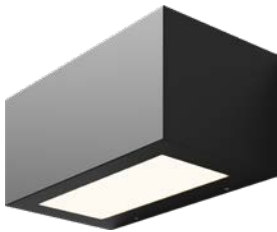
BUG: B1-U0-G0
CEN: 88-97-99-100-100

- Corpo interamente in alluminio.
 - Verniciatura in polveri con pretrattamento speciale per esterni.
 - Vetro di protezione temperato extrachiaro a filo.
 - Riflettore con lenti in metacrilato.
 - Guarnizioni di tenuta in gomma siliconica.
 - Pressacavo in gomma siliconica.
 - Viteria in acciaio inox.
- Housing made of die-cast aluminium.
 - Powder coated after pretreatment for outdoor use.
 - Extraclear protection glass.
 - Reflector with metacrylate lenses.
 - Silicone rubber gasket.
 - Silicone rubber cable gland.
 - Stainless steel screws.



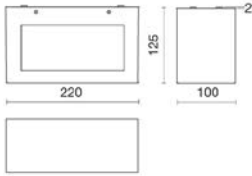
CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
MONO EMISSIONE - MONO EMISSION								
BI	E5850-LBC							
NE	E5851-LBC			347	3000			
GR	E5852-LBC							
BI	E5850-LBN							
NE	E5851-LBN		30°	5,8W	364	4000	220-240V [350mA]	>80 1,8
GR	E5852-LBN							
BI	E5850-LBI							
NE	E5851-LBI			381	6000			
GR	E5852-LBI							
DOPPIA EMISSIONE - DOUBLE EMISSION								
BI	E5853-LBC							
NE	E5854-LBC			692	3000			
GR	E5855-LBC							
BI	E5853-LBN							
NE	E5854-LBN		30°	10,6W	726	4000	220-240V [350mA]	>80 1,8
GR	E5855-LBN							
BI	E5853-LBI							
NE	E5854-LBI			761	6000			
GR	E5855-LBI							

Variant 200



BUG: B0-U0-G0
CEN: 48-79-96-100-100

- Corpo interamente in alluminio.
 - Verniciatura in polveri con pretrattamento speciale per esterni.
 - Vetro di protezione.
 - Guarnizioni di tenuta in gomma siliconica.
 - Pressacavo in gomma siliconica.
 - Viteria in acciaio inox.
- Housing made of die-cast aluminium.
 - Powder coated after pretreatment for outdoor use.
 - Protection glass.
 - Silicone rubber gasket.
 - Silicone rubber cable gland.
 - Stainless steel screws.



CODICE - CODE		W	LM	K	V	CRI	KG
MONO EMISSIONE - MONO EMISSION							
BI	E8830-LBC						
NE	E8831-LBC		910	3000			
GR	E8832-LBC		23W		220-240V [400mA]	>90	1,9
BI	E8830-LBN						
NE	E8831-LBN		1003	4000			
GR	E8832-LBN						
DOPPIA EMISSIONE - DOUBLE EMISSION							
BI	E8820-LBC						
NE	E8821-LBC		1834	3000			
GR	E8822-LBC		44W		220-240V [400mA]	>90	1,9
BI	E8820-LBN						
NE	E8821-LBN		2020	4000			
GR	E8822-LBN						



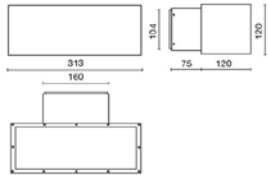
Variant 300



BUG: 81-U0-60
CEN: 89-96-99-100-100



- Corpo interamente in alluminio.
 - Verniciatura in polveri con pretrattamento speciale per esterni.
 - Vetro di protezione.
 - Guarnizioni di tenuta in gomma siliconica.
 - Pressacavo in gomma siliconica.
 - Viteria in acciaio inox.
- Housing made of die-cast aluminium.
 - Powder coated after pretreatment for outdoor use.
 - Protection glass.
 - Silicone rubber gasket.
 - Silicone rubber cable gland.
 - Stainless steel screws.



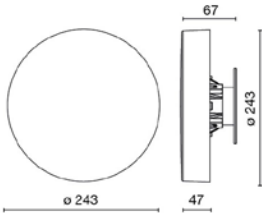
CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
MONO EMISSIONE - MONO EMISSION								
BI	E5810-LBC		30°	8W	374	3000	220-240V (350mA)	>90
NE	E5811-LBC							
GR	E5812-LBC							
BI	E5810-LBN		30°	8W	395	4000	220-240V (350mA)	>90
NE	E5811-LBN							
GR	E5812-LBN							
DOPPIA EMISSIONE - DOUBLE EMISSION								
BI	E5830-LBC		30°	16W	745	3000	220-240V (350mA)	>90
NE	E5831-LBC							
GR	E5832-LBC							
BI	E5830-LBN		30°	16W	786	4000	220-240V (350mA)	>90
NE	E5831-LBN							
GR	E5832-LBN							



Frisbee wall



- Corpo e vano ottico in alluminio.
 - Verniciato in polveri con pretrattamento speciale per esterni.
 - Schermo in policarbonato opale. Viteria in acciaio inox.
 - Cavo di alimentazione lunghezza 0,5 m.
 - Ottica omnidirezionale.
- Body made in die-cast aluminium.
 - Pre-treatment powder coating for outdoor installations.
 - Opal polycarbonate diffuser UV stabilized. Inox screws.
 - Power cable 0,5 m. lenght.
 - Omnidirectional emission.



CODICE - CODE		W	LM	K	V	CRI	KG
BI	E5676-LBC-P		16W	850	220-240V (500mA)	>90	2
NE	E5677-LBC-P						
GR	E5678-LBC-P						
BW	E5679-LBC-P						
BI	E5676-LBN-P						
NE	E5677-LBN-P			4000			
GR	E5678-LBN-P						
BW	E5679-LBN-P						



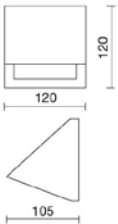
Apply mini



BUG: 81-U1-60
CEN: 83-96-99-100-100



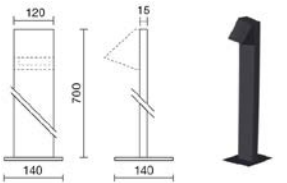
- Apparecchio in pressofusione di alluminio.
- Vernice in polveri con pretrattamento speciale per esterni.
- Vetro di protezione temperato e sabbiato.
- Gruppo di alimentazione inserito nell'apparecchio.
- Fitting of die-cast aluminium.
- Powder coated after special treatment for outdoor use.
- Frosted and tempered protection glass.
- Built-in control gear.



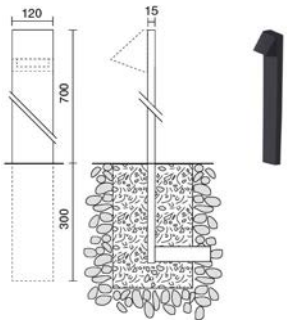
CODICE - CODE		W	LM	K	V	CRI	KG
BW	E8067-LBC						
GR	E8066-LBC		576	3000			
NE	E8065-LBC						
BW	E8067-LBN	8,2W			220-240V (350mA)	>80	0,75
GR	E8066-LBN		578	4000			
NE	E8065-LBN						

ACCESSORI - ACCESSORIES

- NE **P40-P-NE**
- GR **P40-P-GA** Palo con basetta
Pole with base
- BW **P40-P-BW**



- NE **P40-NE**
- GR **P40-GA** Palo da interrare
Pole to be buried
- BW **P40-BW**

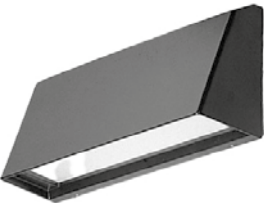




Apply 1 - 2

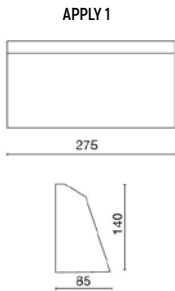


BUG: 80-U0-G0
CEN: 50-83-97-100-100

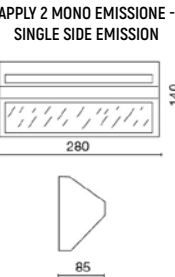


- Apparecchio in pressofusione di alluminio.
- Vernice in polveri con pretrattamento speciale per esterni.
- Vetro di protezione temperato e sabbiato.
- Gruppo di alimentazione inserito nell'apparecchio.

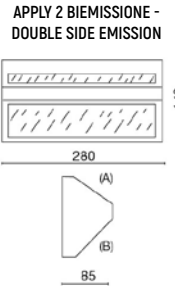
- Fitting of die-cast aluminium.
- Powder coated after special treatment for outdoor use.
- Frosted and tempered protection glass.
- Built-in control gear.



CODICE - CODE		W	LM	K	V	CRI	KG
MONO EMISSIONE - MONO EMISSION							
NE	E8050-LBC		518	3000			
	E8050-LBN	9W	594	4000	220-240V 24Vdc	>80	1,3
	E8050-LBI		620	6000			



MONO EMISSIONE - MONO EMISSION							
NE	E8040-LBC		569	3000			
	E8040-LBN	9W	585	4000	220-240V 24Vdc	>80	1,15
	E8040-LBI		624	6000			



BIEMISSIONE - DOUBLE SIDE EMISSION							
NE	E8046-LBC		894	3000			
	E8046-LBN	14W	935	4000	220-240V 24Vdc	>80	1,63
	E8046-LBI		997	6000			

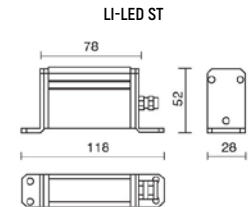
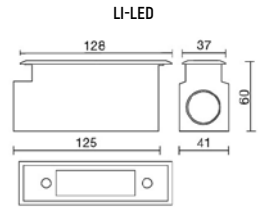
Li-Led



Carico statico 500 kg - Static load 500 kg

- Corpo in estruso di alluminio anodizzato.
- Viti in acciaio Inox.
- Guarnizioni in gomma siliconica.
- Vetro di protezione trasparente serigrafato spessore 8 mm.
- Cavo di alimentazione 2x0,75 lunghezza 1 m.
- Pressacavo in ottone nichelato PG7.

- Extruded aluminium body anodized.
- Inox screws.
- Silicon rubber gaskets.
- Transparent glass protection with serigraphy thickness 8 mm.
- Cable 2x0,75 length 1 m. supplied.
- Cable gland of nickel plated brass PG7.



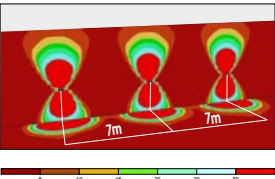
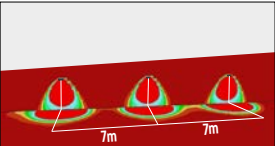
	CODICE - CODE	BEAM	W	LM	K	V	CRI	KG
INOX	LI-LED							
	E9053-LBC			67	3000			
	E9053-LBI	25°	4W	109	6000	230V (350mA)	>80	0,4
	E9053-LBL			-	470nm			

	LI-LED ST	BEAM	W	LM	K	V	CRI	KG
	E9053-P-LBC			67	3000			
	E9053-P-LBI	25°	4W	109	6000	220-240V (350mA)	>80	0,23
	E9053-P-LBL			-	470nm			

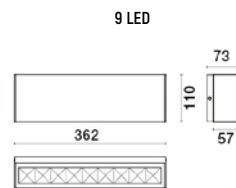
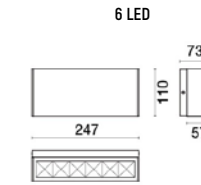
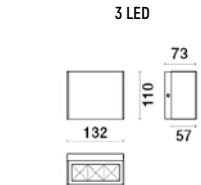
Ruled linear IP 65 parete



A RICHIESTA - ON REQUEST



- Corpo in estruso di alluminio verniciato.
 - Testate in pressofusione in alluminio verniciato.
 - Verniciatura in polveri di poliestere.
 - Ottica con riflettori in policarbonato
 - metallizzati a specchio.
 - Vetro di protezione trasparente extra chiaro serigrafato.
 - Pressacavo in ottone nichelato.
 - Led durata utile: 50.000 (h) L80 B20.
- Body made of painted extruded aluminium.
 - Painted end caps of die-cast aluminium.
 - Polyester powder coating for indoor.
 - Optics with mirror metallized
 - polycarbonate reflectors.
 - Extra-clear transparent
 - screen-printed safety glass.
 - Nickel-plated brass cable gland.
 - Led life: 50.000 (h) L80 B20.



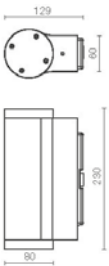
	CODICE - CODE	BEAM	W	LM	K	V	CRI	KG
NE	3 LED - L132mm MONOEMISSIONE - SINGLE-EMISSION							
	E3830-LBC-AS	AS°	10,5W	594	3000	220/240V (400mA)	>80	1
	E3830-LBN-AS			644	4000			
NE	6 LED - L247mm MONOEMISSIONE - SINGLE-EMISSION							
	E3835-LBC-AS	AS°	22W	1189	3000	220/240V (400mA)	>80	1,5
	E3835-LBN-AS			1287	4000			
NE	9 LED - L362mm MONOEMISSIONE - SINGLE-EMISSION							
	E3840-LBC-AS	AS°	32,5W	1783	3000	220/240V (400mA)	>80	2
	E3840-LBN-AS			1931	4000			
NE	3+3 LED - L132mm BIEMISSIONE - DOUBLE EMISSION							
	E3845-LBC-AS	AS°	22W	1189	3000	220/240V (400mA)	>80	1
	E3845-LBN-AS			1287	4000			
NE	6+6 LED - L248mm BIEMISSIONE - DOUBLE EMISSION							
	E3850-LBC-AS	AS°	42W	2378	3000	220/240V (400mA)	>80	1,5
	E3850-LBN-AS			2574	4000			
NE	9+9 LED - L362mm BIEMISSIONE - DOUBLE EMISSION							
	E3855-LBC-AS	AS°	64W	3567	3000	220/240V (400mA)	>80	2
	E3855-LBN-AS			3861	4000			



SD1



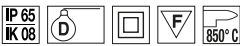
- Corpo in fusione di alluminio
- Verniciatura in polveri epossidiche con trattamento speciale per esterni
- Riflettore in alluminio purissimo
- Vetro temperato extra chiaro decorativo spessore15mm
- Alimentatore integrato
- Cast aluminum body
- Epoxy powder coating with special treatment for outdoor use
- Pure aluminum reflector
- Extra clear decorative tempered glass thickness15mm
- Integral power supply



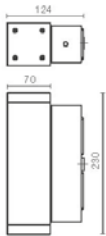
CODICE - CODE			BEAM	W	LM	K	V	CRI	KG
MONOEMISSIONE - MONOEMISSION									
BR	D2140-M		40°	13,5W	1650	3000	220-240V (350mA)	>90	2,9
NE	D2141-M								
BW	D2142-M								
BIEMISSIONE - BIEMISSION									
BR	D2140		40°	26W	2522	3000	220-240V (350mA)	> 80	3,25
NE	D2141								
BW	D2142								



SD2



- Corpo in fusione di alluminio
- Verniciatura in polveri epossidiche con trattamento speciale per esterni
- Riflettore in alluminio purissimo
- Vetro temperato extra chiaro decorativo spessore15mm
- Alimentatore integrato
- Cast aluminum body
- Epoxy powder coating with special treatment for outdoor use
- Pure aluminum reflector
- Extra clear decorative tempered glass thickness15mm
- Integral power supply



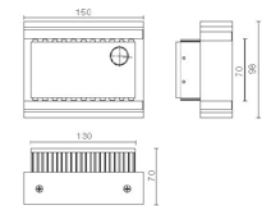
CODICE - CODE			BEAM	W	LM	K	V	CRI	KG
MONOEMISSIONE - MONOEMISSION									
BR	D2145-M		40°	13,5W	1650	3000	220-240V (350mA)	>90	3,1
NE	D2146-M								
BW	D2147-M								
BIEMISSIONE - BIEMISSION									
BR	D2145		40°	27W	3300	3000	220-240V (350mA)	>90	3,25
NE	D2146								
BW	D2147								



SD3



- Corpo in fusione di alluminio
- Verniciatura in polveri epossidiche con trattamento speciale per esterni
- Riflettore in alluminio purissimo
- Vetro temperato extra chiaro decorativo spessore15mm
- Alimentatore integrato
- Cast aluminum body
- Epoxy powder coating with special treatment for outdoor use
- Pure aluminum reflector
- Extra clear decorative tempered glass thickness15mm
- Integral power supply



CODICE - CODE			BEAM	W	LM	K	V	CRI	KG
MONOEMISSIONE - MONOEMISSION									
BR	D2153		30°	6,2W	320	3000	220-240V (350mA)	>90	1,55
NE	D2154								
BW	D2155								
BIEMISSIONE - BIEMISSION									
BR	D2150		30°	11,6W	640	3000	220-240V (350mA)	>90	1,77
NE	D2151								
BW	D2152								



						
		SPOT INOX	SPOT 35	SPOT 50	SPOT 70	SPOT 90
FAMIGLIA		SPOT				
ASSORBIMENTO LAMP WATT	W	2,5 - 3,5	3	8	16,3 - 16,4	27
FLUSSO LUMINOSO LIGHT FLOW	Lm	147 - 155	200 - 217	670 - 793	1189 - 1441	3257 - 3618
TEMPERATURA DI COLORE COLOR TEMPERATURE	K	3000 4000	3000 4000	3000 4000	3000 4000	3000 4000
RESA CROMATICA COLOR RENDERING	CRI	>80	>80	>90	> 90	>90
OTTICA OPTICAL		10°	8 - 30°	19 - 56°	19 - 56°	19 - 56°
RGB						
CLASSE DI ISOLAMENTO INSULATION CLASS						
IP RATING		IP 68	IP 67	IP 67	IP 67	IP 67
DA INTERRARE INGROUND		◆	◆	◆	◆	◆
PER SOFFITTI FOR CEILING		◆	◆	◆	◆	◆
PER PARETI SOLIDE FOR PATH		◆	◆	◆	◆	◆
PAG.		181	183	184	186	189

					
	SPOT 7	REEF MICRO	REEF MINI	REEF	RULED LINEAR IP 65 PROIETTORE
	SPOT	REEF			RULED LINEAR IP65
	8	10	33,5	46	10,5 - 32,5
	464 - 574	730 - 822	2767 - 3317	4769 - 5183	1278 - 4150
	3000 6000 460Nm	3000 4000	3000 4000	3000 4000 	3000 4000
	>90	>90	> 90	> 90	>80
	10°	10 - 25°	15 - 60°	15 - 40°	75°
				◆	
					
	IP 68	IP 66	IP 66	IP 66	IP 65
	◆	◆	◆	◆	◆
	◆	◆	◆	◆	◆
	◆	◆	◆	◆	◆
	191	193	195	197	199

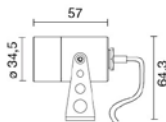


Spot inox



IP 68     * Solo apparecchio - Only fitting

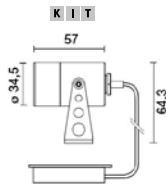
- Corpo e ghiera vano ottico in acciaio inox (AISI 316L).
- Fissaggio a terra, parete, plafone con staffa in acciaio inox in dotazione.
- Modulo Led con lente concentrante.
- Vetro di protezione extrachiario.
- Guarnizioni in gomma siliconica.
- Cavo di alimentazione lunghezza 1 m. in dotazione.
- Vite premi guarnizione in ottone nichelato.
- Led durata utile: 50.000 (h) L80 B10.
- Profondità d'installazione 1 m. max.
- Stainless steel (AISI 316L) body and optics compartment ring.
- Floor, wall, ceiling mounting with stainless steel bracket supplied.
- Led module with concentrating lens.
- Extra-clear safety glass.
- Silicone rubber gaskets.
- 1 m power cable supplied.
- Nickel-plated brass gasket retaining screw.
- Led service life: 50,000 (h) L80 B10.
- Installation depth 1 m. max.



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG	DRIVER
INOX	E918-LBC	10°	2,5W	147	3000	700mA	>80	0,3	
	E918-LBN			155	4000				

DRIVER CONSIGLIATI - RECOMMENDED DRIVERS

645732	DRIVER ON-OFF - multi switch	6.3÷42W	IP20	150÷1050mA
644940-67	DRIVER ON-OFF	14W	IP67	700mA



KIT APPARECCHIO + DRIVER - LUMINAIRE + DRIVER

INOX	KTE918-LBC	10°	3,5W	147	3000	700mA	>80	0,5	
	KTE918-LBN			155	4000				

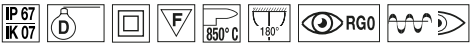
ACCESSORI - ACCESSORIES

INOX	E1031	Picchetto da interrare Peg to be buried
	3162	Copertura protezione cavo di alimentazione, acciaio inox flessibile Supply cable protection cover, flexible stainless steel L. 500mm

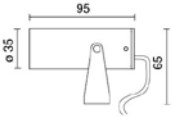




Spot 35



- Corpo in alluminio.
 - Verniciatura di polveri di poliestere con trattamento speciale per esterni.
 - Staffa in acciaio Inox (AISI 316L) verniciato.
 - Bloccacavo in acciaio inox.
 - Cavo alimentazione 1,5m.
 - Sorgente luminosa a Led 3SDCM.
 - Vetro di protezione temprato extrachiari serigrafato, resistente ai graffi e urti.
 - Driver integrato.
- Aluminum body.
 - Polyester powder painting with special treatment for outdoor use.
 - Painted stainless steel (AISI 316L) bracket.
 - Stainless steel bracket.
 - Power supply cable 1.5m.
 - 3SDCM Led light source.
 - Extra clear serigraphy safety glass, resistant to scratches and bumps.
 - Built-in driver.



	8°	30°	W	LM	K	V	CRI	KG
BW	E67912-LBC-S	E67912-LBC-FL						
CO	E67914-LBC-S	E67914-LBC-FL						
GR	E67910-LBC-S	E67910-LBC-FL			3000			
NE	E67911-LBC-S	E67911-LBC-FL						
VE	E67913-LBC-S	E67913-LBC-FL						
BW	E67912-LBN-S	E67912-LBN-FL	3W	200		220-240V (200mA)	>80	0,2
CO	E67914-LBN-S	E67914-LBN-FL						
GR	E67910-LBN-S	E67910-LBN-FL			4000			
NE	E67911-LBN-S	E67911-LBN-FL						
VE	E67913-LBN-S	E67913-LBN-FL						

DRIVER CONSIGLIATI - RECOMMENDED DRIVERS				
646518	DRIVER DALI	5-20W	IP20	100-380mA

ACCESSORI - ACCESSORIES

- GR

3151-GR
- NE

3151-NE
- BW

3151-BW

Asta con picchetto in acciaio inox - H. 1200mm
- VE

3151-VE

Rod with stainless steel spike - H. 1200mm
- CO

3151-CO



- GR

3152-GR
- NE

3152-NE
- BW

3152-BW

Asta con picchetto in acciaio inox - H. 1600mm
- VE

3152-VE

Rod with stainless steel spike - H. 1600mm
- CO

3152-CO



- GR

3157-GR
- NE

3157-NE
- VE

3157-VE

Basetta per SPOT 35 - ø60mm H42mm
- BW

3157-BW

Baseplate for SPOT 35 - 60mm H42mm
- CO

3157-CO



- 3162

Copertura protezione cavo di alimentazione, acciaio inox flessibile
- Supply cable protection cover, flexible stainless steel
- L. 500mm



OPZIONI - OPTIONAL

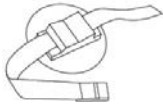
Versione a 24V
Version 24V

ACCESSORI - ACCESSORIES

- NE

3137

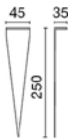
Cinghia fissaggio ai rami
- Strap fastening to branches



- INOX

E1031

Picchetto da interrare
- Peg to be buried



- GR

3150-GR
- NE

3150-NE
- BW

3150-BW

Asta con picchetto in acciaio inox - H. 600mm
- VE

3150-VE

Rod with stainless steel spike - H. 600mm
- CO

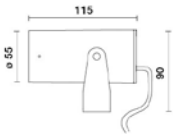
3150-CO



Spot 50



- Corpo in pressofusione di alluminio.
 - Verniciatura di polveri di poliestere con trattamento speciale per esterni.
 - Staffa in acciaio Inox (AISI 316L) verniciato.
 - Bloccacavo in acciaio inox.
 - Cavo alimentazione 1,5m.
 - Sorgente luminosa a Led 3SDCM.
 - Vetro di protezione temprato extrachiaro serigrafato, resistente ai graffi e urti.
 - Driver integrato.
- Die-cast aluminum body.
 - Polyester powder painting with special treatment for outdoor use.
 - Painted stainless steel (AISI 316L) bracket.
 - Brackets in stainless steel.
 - Power supply cable 1.5m.
 - 3SDCM Led light source.
 - Extra clear serigraphy safety glass, resistant to scratches and bumps.
 - Built-in driver.



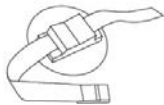
	19°	38°	56°	W	LM	K	V	CRI	KG
BW	E67902-LBC-S	E67902-LBC-FL	E67902-LBC-WF						
CO	E67904-LBC-S	E67904-LBC-FL	E67904-LBC-WF						
GR	E67900-LBC-S	E67900-LBC-FL	E67900-LBC-WF		671	3000			
NE	E67901-LBC-S	E67901-LBC-FL	E67901-LBC-WF						
VE	E67903-LBC-S	E67903-LBC-FL	E67903-LBC-WF						
BW	E67902-LBN-S	E67902-LBN-FL	E67902-LBN-WF	8W			220-240V [200mA]	>90	0,4
CO	E67904-LBN-S	E67904-LBN-FL	E67904-LBN-WF						
GR	E67900-LBN-S	E67900-LBN-FL	E67900-LBN-WF		793	4000			
NE	E67901-LBN-S	E67901-LBN-FL	E67901-LBN-WF						
VE	E67903-LBN-S	E67903-LBN-FL	E67903-LBN-WF						

OPZIONI - OPTIONAL

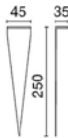
Versione a 24V
Version 24V

ACCESSORI - ACCESSORIES

NE 3137 Cinghia fissaggio ai rami
Strap fastening to branches



INOX E1031 Picchetto da interrare
Peg to be buried



ACCESSORI - ACCESSORIES

GR 3150-GR
NE 3150-NE
BW 3150-BW
VE 3150-VE
CO 3150-CO

Asta con picchetto in acciaio inox - H. 600mm
Rod with stainless steel spike - H. 600mm



GR 3151-GR
NE 3151-NE
BW 3151-BW
VE 3151-VE
CO 3151-CO

Asta con picchetto in acciaio inox - H. 1200mm
Rod with stainless steel spike - H. 1200mm



GR 3152-GR
NE 3152-NE
BW 3152-BW
VE 3152-VE
CO 3152-CO

Asta con picchetto in acciaio inox - H. 1600mm
Rod with stainless steel spike - H. 1600mm



GR 3147-GR
NE 3147-NE
BW 3147-BW
VE 3147-VE
CO 3147-CO

Cilindro di schermatura
Shielding cylinder



GR 3148-GR
NE 3148-NE
BW 3148-BW
VE 3148-VE
CO 3148-CO

Cilindro di schermatura 45°
Shielding cylinder 45°



GR 3149-GR
NE 3149-NE
BW 3149-BW
VE 3149-VE
CO 3149-CO

Cornice per accessori cod. 3144 - 3145 - 3146
Frame for accessories cod. 3144 - 3145 - 3146



GR 3156-GR
NE 3156-NE
BW 3156-BW
VE 3156-VE
CO 3156-CO

Basetta per SPOT 50-70-90 - ø100mm H.30mm
Baseplate for SPOT 50-70-90 - ø100mm H.30mm



NE 3146 Griglia alveolare
Honeycomb grid



3145 Lente ellittica
Elliptical lens



3144 Lente diffondente
Diffusing lens



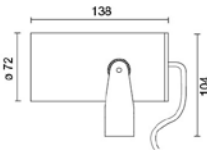
3162 Copertura protezione cavo di alimentazione, acciaio inox flessibile
Supply cable protection cover, flexible stainless steel
L. 500mm



Spot 70



- Corpo in pressofusione di alluminio.
 - Verniciatura di polveri di poliestere con trattamento speciale per esterni.
 - Staffa in acciaio Inox (AISI 316L) verniciato.
 - Bloccacavo in acciaio inox.
 - Cavo alimentazione 1,5m.
 - Sorgente luminosa a Led 3SDCM.
 - Vetro di protezione temprato extrachiaro serigrafato, resistente ai graffi e urti.
 - Driver integrato.
- Die-cast aluminum body.
 - Polyester powder painting with special treatment for outdoor use.
 - Painted stainless steel (AISI 316L) bracket.
 - Brackets in stainless steel.
 - Power supply cable 1.5m.
 - 3SDCM Led light source.
 - Extra clear serigraphy safety glass, resistant to scratches and bumps.
 - Built-in driver.



	19°	38°	56°	W	LM	K	V	CRI	KG
BW	E67888-LBC-S	E67888-LBC-FL	E67888-LBC-WF						
CO	E67891-LBC-S	E67891-LBC-FL	E67891-LBC-WF						
GR	E67886-LBC-S	E67886-LBC-FL	E67886-LBC-WF		1289	3000			
NE	E67887-LBC-S	E67887-LBC-FL	E67887-LBC-WF						
VE	E67889-LBC-S	E67889-LBC-FL	E67889-LBC-WF						
BW	E67888-LBN-S	E67888-LBN-FL	E67888-LBN-WF	16,4W			220-240V (400mA)	> 90	1
CO	E67891-LBN-S	E67891-LBN-FL	E67891-LBN-WF						
GR	E67886-LBN-S	E67886-LBN-FL	E67886-LBN-WF		1378	4000			
NE	E67887-LBN-S	E67887-LBN-FL	E67887-LBN-WF						
VE	E67889-LBN-S	E67889-LBN-FL	E67889-LBN-WF						

OPZIONI - OPTIONAL

Versione a 24V
Version 24V

ACCESSORI - ACCESSORIES

NE 3137 Cinghia fissaggio ai rami
Strap fastening to branches



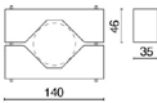
NE 406207
BW 406208
GRA 406259

Palo da pavimento acciaio zincato verniciato - Ø 60mm - spess. 2mm - H 3m
Painted galvanized steel floor pole - Ø 60 mm - thickness 2mm - H 3m



NE E1038
GR E1039

Attacco palo
Pole attachment



INOX E1031

Picchetto da interrare
Peg to be buried



ACCESSORI - ACCESSORIES

GR 3150-GR
NE 3150-NE
BW 3150-BW
VE 3150-VE
CO 3150-CO

Asta con picchetto in acciaio inox - H. 600mm
Rod with stainless steel spike - H. 600mm



GR 3151-GR
NE 3151-NE
VE 3151-VE
BW 3151-BW
CO 3151-CO

Asta con picchetto in acciaio inox - H. 1200mm
Rod with stainless steel spike - H. 1200mm



GR 3152-GR
NE 3152-NE
BW 3152-BW
VE 3152-VE
CO 3152-CO

Asta con picchetto in acciaio inox - H. 1600mm
Rod with stainless steel spike - H. 1600mm



GR 3134-GR
NE 3134-NE
BW 3134-BW
VE 3134-VE
CO 3134-CO

Cilindro di schermatura
Shielding cylinder



GR 3133-GR
NE 3133-NE
BW 3133-BW
VE 3133-VE
CO 3133-CO

Cilindro di schermatura a 45°
45° shielding cylinder



GR 3136-GR
NE 3136-NE
BW 3136-BW
VE 3136-VE
CO 3136-CO

Cornice per accessori cod. 3129 - 3130 - 3131
Frame for accessories cod. 3129 - 3130 - 3131



GR 3156-GR
NE 3156-NE
BW 3156-BW
VE 3156-VE
CO 3156-CO

Basetta per SPOT 50-70-90 - Ø100mm H.30mm
Baseplate for SPOT 50-70-90 - Ø100mm H.30mm



NE 3131

Griglia alveolare
Honeycomb grid



3130

Lente diffondente Ordinare anche la cornice porta accessori 3136
Diffusing lens



3129

Lente ellittica Ordinare anche la cornice porta accessori 3136
Helical lens By REQUEST, the accessory holder frame code 3136 must also be ordered



3162

Copertura protezione cavo di alimentazione, acciaio inox flessibile
Supply cable protection cover, flexible stainless steel
L. 500mm



4083

Tappo tondo diametro 60 mm
Round cap diameter 60 mm

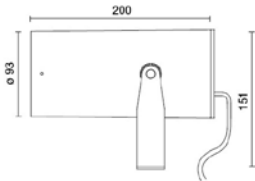




Spot 90



- Corpo in pressofusione di alluminio.
- Verniciatura di polveri di poliestere con trattamento speciale per esterni.
- Staffa in acciaio Inox (AISI 316L) verniciato.
- Bloccacavo in acciaio inox.
- Cavo alimentazione 1,5m.
- Sorgente luminosa a Led 3SDCM.
- Vetro di protezione temprato extrachiaro serigrafato, resistente ai graffi e urti.
- Driver integrato.
- Die-cast aluminum body.
- Polyester powder painting with special treatment for outdoor use.
- Painted stainless steel (AISI 316L) bracket.
- Brackets in stainless steel.
- Power supply cable 1.5m.
- 3SDCM Led light source.
- Extra clear serigraphy safety glass, resistant to scratches and bumps.
- Built-in driver.



	19°	38°	56°	W	LM	K	V	CRI	KG
BW	E67897-LBC-S	E67897-LBC-FL	E67897-LBC-WF						
CO	E67899-LBC-S	E67899-LBC-FL	E67899-LBC-WF						
GR	E67895-LBC-S	E67895-LBC-FL	E67895-LBC-WF		3361	3000			
NE	E67896-LBC-S	E67896-LBC-FL	E67896-LBC-WF						
VE	E67898-LBC-S	E67898-LBC-FL	E67898-LBC-WF						
BW	E67897-LBN-S	E67897-LBN-FL	E67897-LBN-WF	27W			220-240V (700mA)	>90	1,75
CO	E67899-LBN-S	E67899-LBN-FL	E67899-LBN-WF						
GR	E67895-LBN-S	E67895-LBN-FL	E67895-LBN-WF		3530	4000			
NE	E67896-LBN-S	E67896-LBN-FL	E67896-LBN-WF						
VE	E67898-LBN-S	E67898-LBN-FL	E67898-LBN-WF						

OPZIONI - OPTIONAL

Versione a 24V
Version 24V

ACCESSORI - ACCESSORIES

NE	3137	Cinghia fissaggio ai rami Strap fastening to branches	
NE	406207	Palo da pavimento acciaio zincato verniciato - Ø 60mm - spess. 2mm - H 3m	
BW	406208	Painted galvanized steel floor pole - Ø 60 mm - thickness 2mm - H 3m	
GRA	406259		
NE	E1038	Attacco palo Pole attachment	
GR	E1039		
INOX	E1031	Picchetto da interrare Peg to be buried	
GR	3141-GR		
NE	3141-NE	Cilindro di schermatura Shielding cylinder	
BW	3141-BW		
VE	3141-VE		
CO	3141-CO		
GR	3142-GR		
NE	3142-NE	Cilindro di schermatura 45° Shielding cylinder 45°	
BW	3142-BW		
VE	3142-VE		
CO	3142-CO		

ACCESSORI - ACCESSORIES

GR	3143-GR		
NE	3143-NE		
BW	3143-BW	Cornice per accessori 3138 - 3139 - 3140 Frame for accessories 3138 - 3139 - 3140	
VE	3143-VE		
CO	3143-CO		
GR	3156-GR		
NE	3156-NE		
BW	3156-BW	Basetta per SPOT 50-70-90 - ø100mm H.30mm Baseplate for SPOT 50-70-90 - ø100mm H.30mm	
VE	3156-VE		
CO	3156-CO		
NE	3140	Griglia alveolare Honeycomb grid	
	3139	Lente ellittica Elliptical lens	
	3138	Lente diffondente Diffusing lens	
	3162	Copertura protezione cavo di alimentazione, acciaio inox flessibile Supply cable protection cover, flexible stainless steel L 500mm	
NE	4083	Tappo tondo diametro 60 mm Round cap diameter 60 mm	

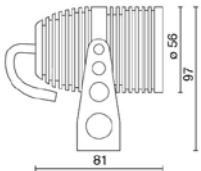


Spot 7



- Staffa in acciaio inox.
- Corpo in alluminio verniciato.
- Vetro di protezione.
- Guarnizioni in gomma siliconica.
- Cavo di alimentazione lunghezza 1 m.
- Profondità d'installazione 1 m. max.

- Stainless steel inox bracket.
- Die-cast aluminium body.
- Protection glass.
- Silicon rubber gaskets.
- Power cable length 1 m.
- Max depth 1 m.



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
GR	E921-LBC	10°	8W	464	3000	350mA	>90	0,5
	E921-LBL			-	460Nm			
	E921-LBI			574	6000			

DRIVER CONSIGLIATI - RECOMMENDED DRIVERS				
644759-1	DRIVER ON-OFF	15W	IP20	350mA

ACCESSORI - ACCESSORIES		
GR	E8008	Basetta con driver 350mA Headboard with power supply 350mA
	E8004	Picchetto per basetta Peg for baseplate
INOX	E1031	Picchetto da interrare Peg to be buried
	3162	Copertura protezione cavo di alimentazione, acciaio inox flessibile Supply cable protection cover, flexible stainless steel L. 500mm

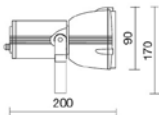




Reef micro



- Corpo orientabile in pressofusione di alluminio.
 - Staffa regolabile verniciata.
 - Verniciatura in poliestere con pretrattamento speciale per esterni.
 - Vetro trasparente extrachiaro.
 - Bloccacavo in ottone nichelato PG7.
 - Guarnizioni in silicone resistente ad alte temperature.
 - Cavo di alimentazione lunghezza 1 m.
 - Led durata utile: 50.000 (h) L80 B10.
- Die-cast aluminium body.
 - Adjustable bracket painted.
 - Polyester painted after pre-treatment for outdoor use.
 - Transparent extra clear glass.
 - Cable gland of nickel plated brass PG7.
 - Silicon gasket high temperature resistant.
 - Power cable length 1 m.
 - Led life: 50.000 (h) L80 B10.



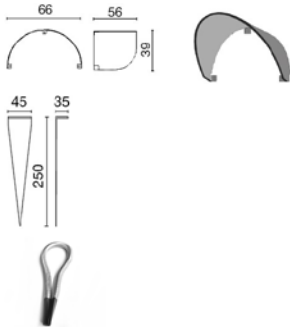
CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
BI	E1085-LBC-10	10°	10W	758	3000	220-240V (250mA)	>90	0,9
	E1085-LBC-25	25°		730				
GR	E1087-LBC-10	10°		758				
	E1087-LBC-25	25°		730				
NE	E1086-LBC-10	10°		758				
	E1086-LBC-25	25°		730				
BI	E1085-LBN-10	10°		822	4000			
	E1085-LBN-25	25°		791				
GR	E1087-LBN-10	10°		822				
	E1087-LBN-25	25°		791				
NE	E1086-LBN-10	10°		822				
	E1086-LBN-25	25°		791				

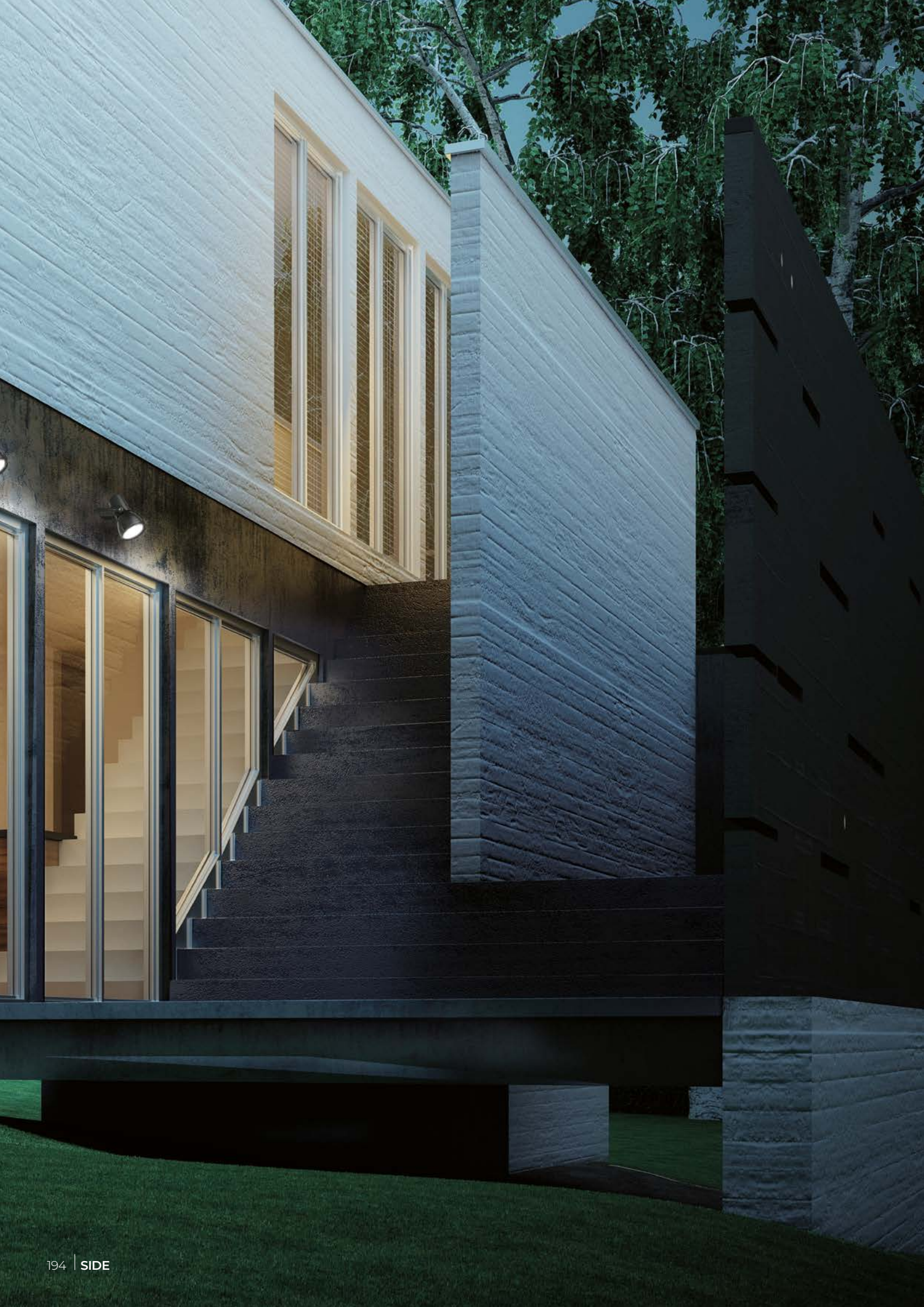
OPZIONI - OPTIONAL

Opzionale: cavo con sistema acqua-stop
Optional: cable with water-stop system

ACCESSORI - ACCESSORIES

GR	E1037	Palpebra Eyelid
BI	E1035	
NE	E1036	
INOX	E1031	Picchetto da interrare Peg to be buried
	3162	Copertura protezione cavo di alimentazione, acciaio inox flessibile Supply cable protection cover, flexible stainless steel L. 500mm

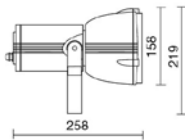




Reef mini



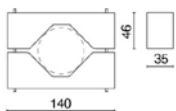
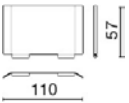
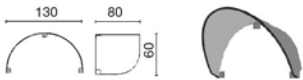
- Corpo orientabile in pressofusione di alluminio.
 - Staffa regolabile verniciata.
 - Verniciatura in poliestere con pretrattamento speciale per esterni.
 - Vetro trasparente.
 - Bloccacavo in ottone nichelato PG11.
 - Guarnizioni in silicone resistente ad alte temperature.
 - Cavo di alimentazione lunghezza 2 m.
- Die-cast aluminium body.
 - Adjustable bracket painted.
 - Polyester painted after pre-treatment for outdoor use.
 - Transparent glass.
 - Cable gland of nickel plated brass PG11.
 - Silicon gasket high temperature resistant.
 - Power cable length 2 m.



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
BI	E1080-LBC	15°		3070				
	E1074-LBC	30°		2767				
	E1077-LBC	60°		2819				
	E1082-LBC	15°		3070				
GR	E1076-LBC	30°		2767	3000			
	E1079-LBC	60°		2819				
	E1081-LBC	15°		3070				
	E1075-LBC	30°		2767				
NE	E1078-LBC	60°		2819				
	E1080-LBN	15°	33,5W	3317		220-240V (850mA)	> 90	2,8
	E1074-LBN	30°		2990				
	E1077-LBN	60°		3046				
GR	E1082-LBN	15°		3317				
	E1076-LBN	30°		2990	4000			
	E1079-LBN	60°		3046				
	E1081-LBN	15°		3317				
NE	E1075-LBN	30°		2990				
	E1078-LBN	60°		3046				

ACCESSORI - ACCESSORIES

BI	E1067	
NE	E1068	Palpebra
GR	E1069	Eyelid
INOX	E1031	Picchetto da interrare Peg to be buried
BI	E1070	
NE	E1071	Aletta singola
GR	E1072	Single flap
NE	E1038	Attacco palo
GR	E1039	Pole attachment



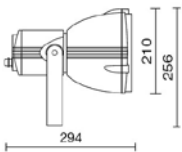
3162 Copertura protezione cavo di alimentazione, acciaio inox flessibile
Supply cable protection cover, flexible stainless steel
L. 500mm



Reef

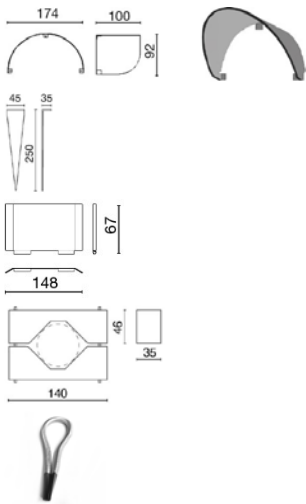


- Corpo orientabile in pressofusione di alluminio.
- Staffa regolabile verniciata.
- Verniciatura in poliestere con pretrattamento speciale per esterni.
- Vetro borosilicato trasparente.
- Bloccacavo in ottone nichelato PG13,5.
- Guarnizioni in silicone resistente ad alte temperature.
- Cavo di alimentazione lunghezza 2 m.
- Die-cast aluminium body.
- Adjustable bracket painted.
- Polyester painted after pre-treatment for outdoor use.
- Transparent borosilicate glass.
- Cable gland of nickel plated brass PG13,5.
- High temperature resistant silicon gasket.
- Power cable length 2 m.



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG	DRIVER
REEF MCL									
NE	E1027-LBC-15	15°		4812					
GR	E1028-LBC-15								
NE	E1027-LBC-25	25°		4778	3000				
GR	E1028-LBC-25								
NE	E1027-LBC-40	40°		4769					
GR	E1028-LBC-40								
NE	E1027-LBN-15	15°	48W	5183		220-240V (1150mA)	> 90	4	
GR	E1028-LBN-15								
NE	E1027-LBN-25	25°		5147	4000				
GR	E1028-LBN-25								
NE	E1027-LBN-40	40°		5137					
GR	E1028-LBN-40								
REEF RGB									
NE	E1010-RGB-10	10°							
	E1010-RGB-45	45°							
GR	E1011-RGB-10	10°	18W	-	RGB	350mA		4	
	E1011-RGB-45	45°							

ACCESSORI - ACCESSORIES				
NE	E1020	Palpebra		
GR	E1021	Eyelid		
INOX	E1031	Picchetto da interrare Peg to be buried		
NE	E1025	Aletta singola		
GR	E1026	Single flap		
NE	E1038	Attacco palo		
GR	E1039	Pole attachment		
	3162	Copertura protezione cavo di alimentazione, acciaio inox flessibile Supply cable protection cover, flexible stainless steel L. 500mm		

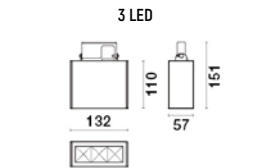




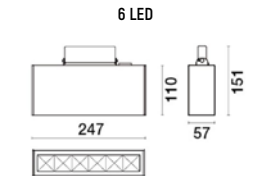
Ruled linear IP 65 proiettore



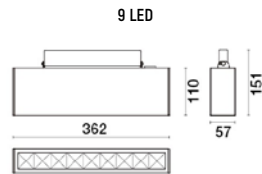
- Corpo in estruso di alluminio verniciato.
- Testate in pressofusione in alluminio verniciato.
- Verniciatura in polveri di poliestere.
- Ottica con riflettori in policarbonato metallizzati a specchio.
- Vetro di protezione trasparente extra chiaro serigrafato.
- Pressacavo in ottone nichelato.
- Led durata utile: 50.000 (h) L80 B20.
- Body made of painted extruded aluminium.
- Painted end caps of die-cast aluminium.
- Polyester powder coating for indoor.
- Optics with mirror metallized polycarbonate reflectors.
- Extra-clear transparent screen-printed safety glass.
- Nickel-plated brass cable gland.
- Led life: 50.000 (h) L80 B20.



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
NE	3 LED - L132mm MONO EMISSIONE - SINGLE SIDE EMISSION							
	E3815-LBC-75	75°	10,5W	1278	3000	220/240V (400mA)	>80	1
	E3815-LBN-75			1383	4000			



6 LED - L247mm MONO EMISSIONE - SINGLE SIDE EMISSION								
NE	6 LED - L247mm MONO EMISSIONE - SINGLE SIDE EMISSION							
	E3820-LBC-75	75°	22W	2556	3000	220/240V (400mA)	>80	1,5
	E3820-LBN-75			2766	4000			



9 LED - L362mm MONO EMISSIONE - SINGLE SIDE EMISSION								
NE	9 LED - L362mm MONO EMISSIONE - SINGLE SIDE EMISSION							
	E3825-LBC-75	75°	32,5W	3833	3000	220/240V (400mA)	>80	2
	E3825-LBN-75			4150	4000			

OPZIONI - OPTIONAL

A richiesta: Ampiezza fascio
On request: Beam
12° - 55° - AS - AE

ACCESSORI - ACCESSORIES

- INOX

E1031

Picchetto da interrare
Peg to be buried
- 3162

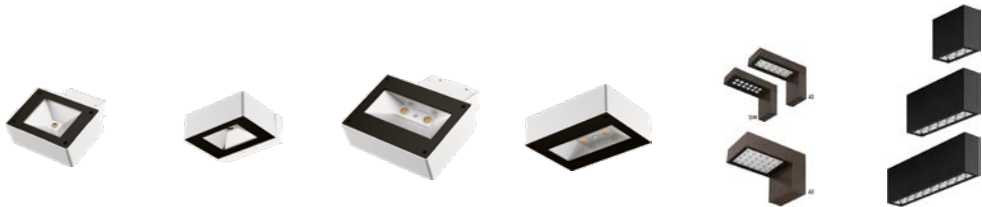
Copertura protezione cavo di alimentazione, acciaio inox flessibile
Supply cable protection cover, flexible stainless steel
L. 500mm





						
		MINI TONDO MONO	MINI TONDO DOUBLE	MINI QUADRO MONO	MINI QUADRO DOUBLE	MONOLIGHT 105
FAMIGLIA		MONO - DOUBLE				
ASSORBIMENTO LAMP WATT	W	13,5 - 26	6 - 14,7	13,5 - 26	6 - 14,7	14,9
FLUSSO LUMINOSO LIGHT FLOW	Lm	1261 - 2553	194 - 1486	1261 - 2587	194 - 1486	894 - 1274
TEMPERATURA DI COLORE COLOR TEMPERATURE	K	3000 4000	3000 4000	3000 4000	3000 4000	3000 4000
RESA CROMATICA COLOR RENDERING	CRI	>90	>90	>90	>90	>90
OTTICA OPTICAL		40°	5 - 55°	40°	5 - 55°	15 - 40°
CLASSE DI ISOLAMENTO INSULATION CLASS						
IP RATING		IP 65	IP 65	IP 65	IP 65	IP 65
PER CONTROSOFFITTI FOR CEILING						
PER PARETI SOLIDE FOR PATH		◆	◆	◆	◆	◆
PAG.		204	205	206	207	208

							
	MONOLIGHT 140	MONOLIGHT 175	DOUBLELIGHT 105	DOUBLELIGHT 140	DOUBLELIGHT 175	QUADRO MONO	QUADRO DOUBLE
	MONO - DOUBLE						
	32	40	29,8	63	79	41	81
	3002 - 3782	4406 - 4791	1788 - 2446	5703 - 7563	8812 - 9581	4215 - 5636	8429 - 11272
	3000 4000	3000 4000	3000 4000	3000 4000	3000 4000	3000 4000	3000 4000
	>90	>90	>90	>90	>90	>90	>90
	40°	15 - 40°	15 - 40°	16 - 40°	15 - 40°	15 - 60°	15 - 60°
							
	IP 65	IP 65	IP 65	IP 65	IP 65	IP 65	IP 65
	◆	◆	◆	◆	◆	◆	◆
	209	211	212	213	215	217	219



		SOLARIS MINI ORIENTABILE	SOLARIS MINI FISSO	SOLARIS ORIENTABILE	SOLARIS FISSO	ELLE PARETE XS-XL	RULED LINEAR IP 65 PLAFONE
FAMIGLIA		SOLARIS				ELLE PARETE	RULED LINEAR IP65 PLAFONE
ASSORBIMENTO LAMP WATT	W	19,3	19,3	39,4	39,4	14	22 - 64
FLUSSO LUMINOSO LIGHT FLOW	Lm	1873 - 2034	1873 - 2034	5278 - 5542	5278 - 5542	1931 - 1943	2048 - 6450
TEMPERATURA DI COLORE COLOR TEMPERATURE	K	3000 4000	3000 4000	3000 4000	3000 4000	3000 4000	3000 4000
RESA CROMATICA COLOR RENDERING	CRI	>90	>90	>90	> 90	>90	>80
OTTICA OPTICAL		0°	0°	0°	0°	30 - 40°	75°
DALI		◆	◆				◆
CLASSE DI ISOLAMENTO INSULATION CLASS							
IP RATING		IP 65	IP 65	IP 65	IP 65	IP 65	IP 65
PER PARETI SOLIDE FOR PATH		◆	◆	◆	◆	◆	◆
PAG.		221	223	224	225	226	227

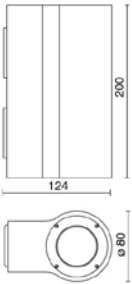


Mini tondo mono-double



- Corpo in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Vetro di protezione temperato.
- Anello di finitura in acciaio inox AISI 316.
- Viteria in acciaio inox.
- Gruppo di alimentazione inserito nell'apparecchio.
- Ottiche in alluminio purissimo.
- Guarnizioni e pressacavo di tenuta in gomma siliconica.

- Die-cast aluminium body.
- Powder coated with pretreatment for outdoor use.
- Tempered protection glass.
- AISI 316 steel finishing trim.
- Inox steel screws.
- Internal driver.
- Very pure aluminium optics.
- Silicon rubber gaskets and cable gland.



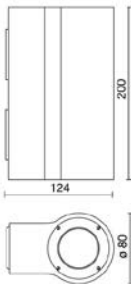
CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
MONO EMISSIONE - MONO EMISSION								
BI	E4900-LBC-M			1261	3000			
NE	E4901-LBC-M			1261	3000			
GR	E4902-LBC-M			1261	3000			
BI	E4900-LBN-M	40°	13,5W			220-240V (350mA)	>90	2,9
NE	E4901-LBN-M			1293	4000			
GR	E4902-LBN-M			1293	4000			
DOPPIA EMISSIONE - DOUBLE EMISSION								
BI	E4900-LBC			2474	3000			
NE	E4901-LBC			2474	3000			
GR	E4902-LBC			2474	3000			
BI	E4900-LBN	40°	26W			220-240V (350mA)	>90	2,9
NE	E4901-LBN			2553	4000			
GR	E4902-LBN			2553	4000			

Mini tondo double



- Corpo in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Vetro di protezione temperato.
- Anello di finitura in acciaio inox AISI 316.
- Viteria in acciaio inox.
- Gruppo di alimentazione inserito nell'apparecchio.
- Ottiche in alluminio purissimo.
- Guarnizioni e pressacavo di tenuta in gomma siliconica.

- Die-cast aluminium body.
- Powder coated with pretreatment for outdoor use.
- Tempered protection glass.
- AISI 316 steel finishing trim.
- Inox steel screws.
- Internal driver.
- Very pure aluminium optics.
- Silicon rubber gaskets and cable gland.



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
1 FASCIO STRETTO 5° + FASCIO LARGO 40° - 1 NARROW BEAM 5° + WIDE BEAM 40°								
BI	E4900-LBC-1L			1461	3000			
NE	E4901-LBC-1L			1461	3000			
GR	E4902-LBC-1L			1461	3000			
BI	E4900-LBN-1L	5 + 40°	14,7W			220-240V (350mA)	>90	2,9
NE	E4901-LBN-1L			1486	4000			
GR	E4902-LBN-1L			1486	4000			
2 FASCI STRETTI 5° - 2 NARROW BEAMS 5°								
BI	E4905-LBC-2L			194	3000			
NE	E4906-LBC-2L			194	3000			
GR	E4907-LBC-2L			194	3000			
BI	E4905-LBN-2L	5 + 5°	6W			220-240V (700mA)	>90	2,9
NE	E4906-LBN-2L			209	4000			
GR	E4907-LBN-2L			209	4000			

Mini quadro mono/double



- Corpo in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Vetro di protezione temperato.
- Anello di finitura in acciaio inox AISI 316.
- Viteria in acciaio inox.
- Gruppo di alimentazione inserito nell'apparecchio.
- Ottiche in alluminio purissimo.
- Guarnizioni e pressacavo di tenuta in gomma siliconica.

- Die-cast aluminium body.
- Powder coated with pretreatment for outdoor use.
- Tempered protection glass.
- AISI 316 steel finishing trim.
- Inox steel screws.
- Internal driver.
- Very pure aluminium optics.
- Silicon rubber gaskets and cable gland.



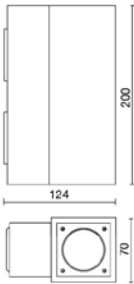
CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
MONO EMISSIONE - MONO EMISSION								
BI	E4910-LBC-M			1261	3000			
NE	E4911-LBC-M			1261	3000			
GR	E4912-LBC-M		40°	13,5W		220-240V (350mA)	>90	3
BI	E4910-LBN-M			1293	4000			
NE	E4911-LBN-M			1293	4000			
GR	E4912-LBN-M		40°	26W		220-240V (350mA)	>90	3
DOPPIA EMISSIONE - DOUBLE EMISSION								
BI	E4910-LBC			2522	3000			
NE	E4911-LBC			2522	3000			
GR	E4912-LBC		40°	26W		220-240V (350mA)	>90	3
BI	E4910-LBN			2587	4000			
NE	E4911-LBN			2587	4000			
GR	E4912-LBN		40°	26W		220-240V (350mA)	>90	3

Mini quadro double



- Corpo in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Vetro di protezione temperato.
- Anello di finitura in acciaio inox AISI 316.
- Viteria in acciaio inox.
- Gruppo di alimentazione inserito nell'apparecchio.
- Ottiche in alluminio purissimo.
- Guarnizioni e pressacavo di tenuta in gomma siliconica.

- Die-cast aluminium body.
- Powder coated with pretreatment for outdoor use.
- Tempered protection glass.
- AISI 316 steel finishing trim.
- Inox steel screws.
- Internal driver.
- Very pure aluminium optics.
- Silicon rubber gaskets and cable gland.

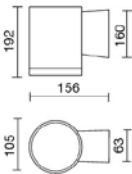


CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
1 FASCIO STRETTO 5° + FASCIO LARGO 40° - 1 NARROW BEAM 5° + WIDE BEAM 40°								
BI	E4910-LBC-1L			1461	3000			
NE	E4911-LBC-1L			1461	3000			
GR	E4912-LBC-1L		5°	14,7W		220-240V (350mA)	>90	2,9
BI	E4910-LBN-1L			1486	4000			
NE	E4911-LBN-1L			1486	4000			
GR	E4912-LBN-1L		5°	6W		220-240V (700mA)	>90	2,9
2 FASCI STRETTI 5° - 2 NARROW BEAMS 5°								
BI	E4915-LBC-2L			194	3000			
NE	E4916-LBC-2L			194	3000			
GR	E4917-LBC-2L		5 + 5°	6W		220-240V (700mA)	>90	2,9
BI	E4915-LBN-2L			209	4000			
NE	E4916-LBN-2L			209	4000			
GR	E4917-LBN-2L		5 + 5°	6W		220-240V (700mA)	>90	2,9

Monolight 105



- Corpo e staffa di ancoraggio in alluminio pressofuso.
 - Verniciatura in polveri con pretrattamento speciale per esterni.
 - Vetro di protezione temperato.
 - Viteria in acciaio inox.
 - Gruppo di alimentazione inserito nell'apparecchio.
 - Guarnizioni e pressacavo di tenuta in gomma siliconica.
-
- Body and wall bracket in die-cast aluminium.
 - Powder coated with pretreatment for outdoor use.
 - Tempered protection glass.
 - Inox steel screws.
 - Internal driver.
 - Silicon rubber gaskets and cable gland.

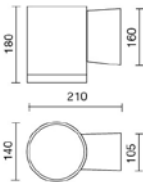


	CODICE - CODE	BEAM	W	LM	K	V	CRI	KG
BI	E5550C-LBC-15	15°		894				
	E5550C-LBC-24	24°		1206				
	E5550C-LBC-40	40°		1135				
GR	E5552C-LBC-15	15°		894				
	E5552C-LBC-24	24°		1206	3000			
	E5552C-LBC-40	40°		1135				
NE	E5551C-LBC-15	15°		894				
	E5551C-LBC-24	24°		1206				
	E5551C-LBC-40	40°		1135				
	E5550C-LBN-15	15°	14,9W	963		220-240V [350mA]	>90	1,7
BI	E5550C-LBN-24	24°		1274				
	E5550C-LBN-40	40°		1193				
GR	E5552C-LBN-15	15°		963				
	E5552C-LBN-24	24°		1274	4000			
	E5552C-LBN-40	40°		1193				
NE	E5551C-LBN-15	15°		963				
	E5551C-LBN-24	24°		1274				
	E5551C-LBN-40	40°		1193				

Monolight 140



- Corpo e staffa di ancoraggio in alluminio pressofuso.
 - Verniciatura in polveri con pretrattamento speciale per esterni.
 - Vetro di protezione temperato.
 - Viteria in acciaio inox.
 - Gruppo di alimentazione inserito nell'apparecchio.
 - Guarnizioni e pressacavo di tenuta in gomma siliconica.
-
- Body and wall bracket in die-cast aluminium.
 - Powder coated with pretreatment for outdoor use.
 - Tempered protection glass.
 - Inox steel screws.
 - Internal driver.
 - Silicon rubber gaskets and cable gland.



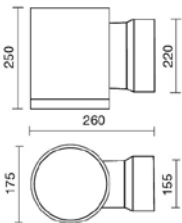
	CODICE - CODE	BEAM	W	LM	K	V	CRI	KG
LUCE SIMMETRICA - SYMMETRIC LIGHT								
BI	E5590-LBC-16	16°		3640				
	E5590-LBC-24	24°		3608				
	E5590-LBC-40	40°		3652				
GR	E5592-LBC-16	16°		3640				
	E5592-LBC-24	24°		3608	3000			
	E5592-LBC-40	40°		3652				
NE	E5591-LBC-16	16°		3640				
	E5591-LBC-24	24°		3608				
	E5591-LBC-40	40°		3652				
	E5590-LBN-16	16°	32W	3769		220-240V [700mA]	>90	3
BI	E5590-LBN-24	24°		3736				
	E5590-LBN-40	40°		3782				
GR	E5592-LBN-16	16°		3769				
	E5592-LBN-24	24°		3736	4000			
	E5592-LBN-40	40°		3782				
NE	E5591-LBN-16	16°		3769				
	E5591-LBN-24	24°		3736				
	E5591-LBN-40	40°		3782				
LUCE ASIMMETRICA - ASYMMETRIC LIGHT								
BI	E5590-LBC-AS							
GR	E5592-LBC-AS			3002	3000			
NE	E5591-LBC-AS							
BI	E5590-LBN-AS	AS°	32W			220-240V [700mA]	>90	3
GR	E5592-LBN-AS			3108	4000			
NE	E5591-LBN-AS							



Monolight 175



- Corpo e staffa di ancoraggio in alluminio pressofuso.
 - Verniciatura in polveri con pretrattamento speciale per esterni.
 - Vetro di protezione temperato.
 - Viteria in acciaio inox.
 - Gruppo di alimentazione inserito nell'apparecchio.
 - Guarnizioni e pressacavo di tenuta in gomma siliconica.
- Body and wall bracket in die-cast aluminium.
 - Powder coated with pretreatment for outdoor use.
 - Tempered protection glass.
 - Inox steel screws.
 - Internal driver.
 - Silicon rubber gaskets and cable gland.



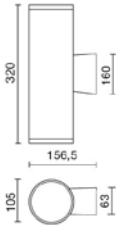
CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
BI	E5680-LBC-16	15°		4446				
	E5680-LBC-24	24°		4414				
	E5680-LBC-40	40°		4406				
GR	E5682-LBC-16	15°		4446				
	E5682-LBC-24	24°		4414	3000			
	E5682-LBC-40	40°		4406				
NE	E5681-LBC-16	15°		4446				
	E5681-LBC-24	24°		4460				
	E5681-LBC-40	40°		4406				
BI	E5680-LBN-16	15°	40W	4791		220-240V (1050mA)	>90	4,4
	E5680-LBN-24	24°		4757				
	E5680-LBN-40	40°		4748				
GR	E5682-LBN-16	15°		4791				
	E5682-LBN-24	24°		4757	4000			
	E5682-LBN-40	40°		4748				
NE	E5681-LBN-16	15°		4791				
	E5681-LBN-24	24°		4757				
	E5681-LBN-40	40°		4748				

ACCESSORI - ACCESSORIES		
BI	E8755	
NE	E8756	
GR	E8757	
BI	E8758	
NE	E8759	
GR	E8760	
BI	E5191	
NE	E5192	
GR	E5193	
BI	E5195	
NE	E5196	
GR	E5197	
BI	E5191-2	
NE	E5192-2	
GR	E5193-2	
BI	E5195-2	
NE	E5196-2	
GR	E5197-2	

Doublelight 105



- Corpo e staffa di ancoraggio in alluminio pressofuso.
 - Verniciatura in polveri con pretrattamento speciale per esterni.
 - Vetro di protezione temperato.
 - Viteria in acciaio inox.
 - Gruppo di alimentazione inserito nell'apparecchio.
 - Guarnizioni e pressacavo di tenuta in gomma siliconica.
-
- Body and wall bracket in die-cast aluminium.
 - Powder coated with pretreatment for outdoor use.
 - Tempered protection glass.
 - Inox steel screws.
 - Internal driver.
 - Silicon rubber gaskets and cable gland.

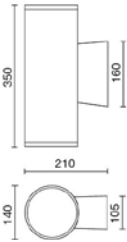


CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
BI	E5553C-LBC-15	15°		1788				
	E5553C-LBC-24	24°		2412				
	E5553C-LBC-40	40°		2270				
GR	E5555C-LBC-15	15°		1788				
	E5555C-LBC-24	24°		2412	3000			
	E5555C-LBC-40	40°		2270				
NE	E5554C-LBC-15	15°		1788				
	E5554C-LBC-24	24°		2412				
	E5554C-LBC-40	40°		2270				
			29,8W			220-240V [350mA]	>90	2,1
BI	E5553C-LBN-15	15°		1926				
	E5553C-LBN-24	24°		2446				
	E5553C-LBN-40	40°		2387				
GR	E5555C-LBN-15	15°		1926				
	E5555C-LBN-24	24°		2446	4000			
	E5555C-LBN-40	40°		2387				
NE	E5554C-LBN-15	15°		1926				
	E5554C-LBN-24	24°		2446				
		40°		2387				

Doublelight 140



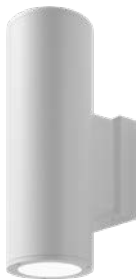
- Corpo e staffa di ancoraggio in alluminio pressofuso.
 - Verniciatura in polveri con pretrattamento speciale per esterni.
 - Vetro di protezione temperato.
 - Viteria in acciaio inox.
 - Gruppo di alimentazione inserito nell'apparecchio.
 - Guarnizioni e pressacavo di tenuta in gomma siliconica.
-
- Body and wall bracket in die-cast aluminium.
 - Powder coated with pretreatment for outdoor use.
 - Tempered protection glass.
 - Inox steel screws.
 - Internal driver.
 - Silicon rubber gaskets and cable gland.



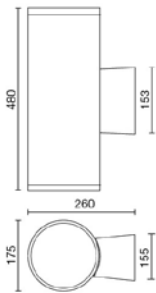
CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
LUCE SIMMETRICA - SYMMETRIC LIGHT								
BI	E5593-LBC-16	16°		7280				
	E5593-LBC-24	24°		7216				
	E5593-LBC-40	40°		7305				
GR	E5595-LBC-16	16°		7280				
	E5595-LBC-24	24°		7216	3000			
	E5595-LBC-40	40°		7305				
NE	E5594-LBC-16	16°		7280				
	E5594-LBC-24	24°		7216				
	E5594-LBC-40	40°		7305				
			63W			220-240V [700mA]	>90	3,2
BI	E5593-LBN-16	16°		7537				
	E5593-LBN-24	24°		7471				
	E5593-LBN-40	40°		7563				
GR	E5595-LBN-16	16°		7537				
	E5595-LBN-24	24°		7471	4000			
	E5595-LBN-40	40°		7563				
NE	E5594-LBN-16	16°		7537				
	E5594-LBN-24	24°		7471				
	E5594-LBN-40	40°		7563				
LUCE ASIMMETRICA - ASYMMETRIC LIGHT								
BI	E5593-LBC-AS							
GR	E5595-LBC-AS			5703	3000			
NE	E5594-LBC-AS							
			63W			220-240V [700mA]	>90	3,2
BI	E5593-LBN-AS							
GR	E5595-LBN-AS			5905	4000			
NE	E5594-LBN-AS							



Doublelight 175



- Corpo e staffa di ancoraggio in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Vetro di protezione temperato.
- Viteria in acciaio inox.
- Gruppo di alimentazione inserito nell'apparecchio.
- Guarnizioni e pressacavo di tenuta in gomma siliconica.
- Body and wall bracket in die-cast aluminium.
- Powder coated with pretreatment for outdoor use.
- Tempered protection glass.
- Inox steel screws.
- Internal driver.
- Silicon rubber gaskets and cable gland.



	CODICE - CODE	BEAM	W	LM	K	V	CRI	KG
BI	E5683-LBC-16	15°		8892				
	E5683-LBC-25	25°		8829				
	E5683-LBC-40	40°		8812				
	E5685-LBC-16	15°		8892				
GR	E5685-LBC-25	25°		8829	3000			
	E5685-LBC-40	40°		8812				
	E5684-LBC-16	15°		8892				
	E5684-LBC-25	25°		8829				
NE	E5684-LBC-40	40°		8812				
	E5683-LBN-16	15°	79W	9581		220-240V (1050mA)	>90	5,5
	E5683-LBN-25	25°		9514				
	E5683-LBN-40	40°		9496				
GR	E5685-LBN-16	15°		9581				
	E5685-LBN-25	25°		9514	4000			
	E5685-LBN-40	40°		9496				
	E5684-LBN-16	15°		9581				
NE	E5684-LBN-25	25°		9514				
	E5684-LBN-40	40°		9496				

ACCESSORI - ACCESSORIES

BI	E8755	
NE	E8756	Testa palo per apparecchio singolo Pole head for single luminaire
GR	E8757	
BI	E8758	
NE	E8759	Testa palo per 2 apparecchi Pole head for 2 luminaires
GR	E8760	
BI	E5191	Attacco singolo per palo Ø 60 mm Single coupling for Ø 60 mm pole
NE	E5192	
GR	E5193	
BI	E5195	Attacco singolo per palo Ø 120 mm Single coupling for Ø 120 mm pole
NE	E5196	
GR	E5197	
BI	E5191-2	Attacco doppio per palo Ø 60 mm Double coupling for Ø 60 mm pole
NE	E5192-2	
GR	E5193-2	
BI	E5195-2	Attacco doppio per palo Ø 120 mm Double coupling for Ø 120 mm pole
NE	E5196-2	
GR	E5197-2	

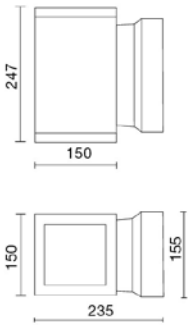




Quadro mono



- Corpo e staffa di ancoraggio in alluminio pressofuso.
 - Verniciatura in polveri con pretrattamento speciale per esterni.
 - Vetro di protezione temperato.
 - Viteria in acciaio inox.
 - Gruppo di alimentazione inserito nell'apparecchio.
 - Ottica in alluminio purissimo.
 - Guarnizione in gomma siliconica.
-
- Body and hanging bracket in die-cast aluminium.
 - Powder coated with pre-treatment for outdoor use.
 - Tempered protection glass.
 - Inox steel screws.
 - Built-in driver.
 - Very pure aluminium optic.
 - Silicon rubber gaskets.



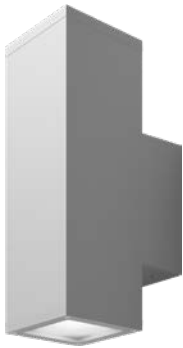
CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
BI	E5375-LBC-15	15°		5268				
	E5375-LBC-40	40°		4215				
	E5375-LBC-60	60°		4659				
GR	E5377-LBC-15	15°		5268				
	E5377-LBC-40	40°		4215	3000			
	E5377-LBC-60	60°		4659				
NE	E5376-LBC-15	15°		5268				
	E5376-LBC-40	40°		4215				
	E5376-LBC-60	60°		4659				
BI	E5375-LBN-15	15°	41W	5636		220-240V (1050mA)	>90	6,1
	E5375-LBN-40	40°		4509				
	E5375-LBN-60	60°		4984				
GR	E5377-LBN-15	15°		5636				
	E5377-LBN-40	40°		4509	4000			
	E5377-LBN-60	60°		4984				
NE	E5376-LBN-15	15°		5636				
	E5376-LBN-40	40°		4509				
	E5376-LBN-60	60°		4984				

ACCESSORI - ACCESSORIES	
E4056-3	Palo da interrare - H. 3m. Pole mounted on spike - H. 3m
E4056-6	Palo da interrare - H. 6m. Pole mounted on spike - H. 6m

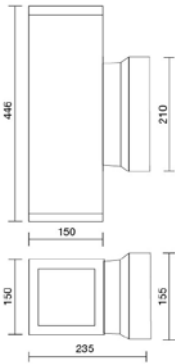




Quadro double



- Corpo e staffa di ancoraggio in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Vetro di protezione temperato.
- Viteria in acciaio inox.
- Gruppo di alimentazione inserito nell'apparecchio.
- Ottica in alluminio purissimo.
- Guarnizione in gomma siliconica.
- Body and hanging bracket in die-cast aluminium.
- Powder coated with pre-treatment for outdoor use.
- Tempered protection glass.
- Inox steel screws.
- Built-in driver.
- Very pure aluminium optic.
- Silicon rubber gaskets.

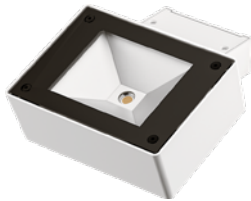


CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
BI	E5381-LBC-15	15°		10536				
	E5381-LBC-40	40°		8429				
	E5381-LBC-60	60°		9317				
GR	E5383-LBC-15	15°		10536				
	E5383-LBC-40	40°		8429	3000			
	E5383-LBC-60	60°		9317				
NE	E5382-LBC-15	15°		10536				
	E5382-LBC-40	40°		8429				
	E5382-LBC-60	60°		9317				
BI	E5381-LBN-15	15°	81W	11272		220-240V (1050mA)	>90	6,1
	E5381-LBN-40	40°		9018				
	E5381-LBN-60	60°		9968				
GR	E5383-LBN-15	15°		11272				
	E5383-LBN-40	40°		9018	4000			
	E5383-LBN-60	60°		9968				
NE	E5382-LBN-15	15°		11272				
	E5382-LBN-40	40°		9018				
	E5382-LBN-60	60°		9968				

ACCESSORI - ACCESSORIES

BI	E8755	
NE	E8756	Testa palo per apparecchio singolo Pole head for single luminaire
GR	E8757	
BI	E8758	
NE	E8759	Testa palo per 2 apparecchi Pole head for 2 luminaires
GR	E8760	
BI	E5191	
NE	E5192	Attacco singolo per palo Ø 60 mm Single coupling for Ø 60 mm pole
GR	E5193	
BI	E5195	
NE	E5196	Attacco singolo per palo Ø 120 mm Single coupling for Ø 120 mm pole
GR	E5197	
BI	E5191-2	
NE	E5192-2	Attacco doppio per palo Ø 60 mm Double coupling for Ø 60 mm pole
GR	E5193-2	
BI	E5195-2	
NE	E5196-2	Attacco doppio per palo Ø 120 mm Double coupling for Ø 120 mm pole
GR	E5197-2	





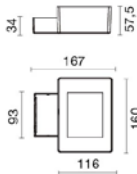
Solaris mini orientabile



A RICHIESTA - ON REQUEST



- Corpo in pressofusione di alluminio verniciato.
 - Verniciatura in polveri di poliestere con trattamento speciale per esterni.
 - Riflettore in alluminio purissimo, finitura PVD.
 - Vetro di protezione chiaro serigrafato temprato.
 - Guarnizioni e passacavo in gomma silconica.
 - Led durata utile: 50.000 (h) L90 B20.
 - Costanza cromatica: 3 SDCM.
-
- Body made of painted die-cast aluminum.
 - Polyester powder coating with special outdoor treatment.
 - Reflector made of pure aluminum, PVD finish.
 - Clear screen-printed tempered safety glass.
 - Silicone rubber gaskets and grommets.
 - Led service life: 50,000 (h) L90 B20.
 - Color constancy: 3 SDCM.



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG	
SIMMETRICO - SYMMETRICAL									
BR	67960-LBC		SIM°	19,3W	1873	3000	230V (450mA)	>90	2
GR	67962-LBC								
NE	67961-LBC								
BR	67960-LBN								
GR	67962-LBN								
NE	67961-LBN								
ASIMMETRICO - ASYMMETRICAL LIGHT									
BR	67966-LBC		AS°	19,3W	1873	3000	230V (450mA)	>90	2
GR	67968-LBC								
NE	67967-LBC								
BR	67966-LBN								
GR	67968-LBN								
NE	67967-LBN								

OPZIONI - OPTIONAL

A richiesta: Classe
On request: Class





Solaris mini fisso



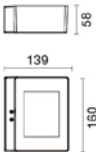
A RICHIESTA - ON REQUEST



BUG: B1-U0-G1
CEN: 38-71-95-100-100

- Corpo in pressofusione di alluminio.
- Verniciatura in polveri poliestere con trattamento speciale per esterni.
- Riflettore in alluminio purissimo, finitura PVD.
- Vetro di protezione chiaro serigrafato temprato.
- Guarnizioni e passacavo in gomma silconica.
- Led durata utile: 50.000 (h) L90 B20.
- Costanza cromatica: 3 SDCM.

- Body in die-cast aluminium.
- Epoxy powder coated painting with special treatment for outdoors.
- Pure aluminium reflector, PVD finish.
- Tempered light protection glass.
- Silicon rubber gaskets and cable gland.
- Led life: 50.000 (h) L90 B20.
- Chromatic constancy: 3 SDCM.

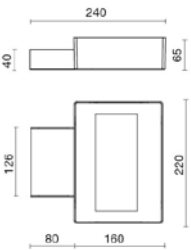


CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
ASIMMETRICO - ASYMMETRICAL								
BR	67966-LBC-F		AS°	19,3W	1873	3000	220-240V (450mA)	>90
NE	67967-LBC-F							
GR	67968-LBC-F							
BR	67966-LBN-F							
NE	67967-LBN-F				2034	4000		2
GR	67968-LBN-F							

Solaris orientabile



- Corpo in pressofusione di alluminio verniciato.
 - Verniciatura in polveri di poliestere con trattamento speciale per esterni.
 - Riflettore in alluminio purissimo, finitura PVD.
 - Vetro di protezione chiaro serigrafato temprato.
 - Guarnizioni e passacavo in gomma siliconica.
 - Led durata utile: 50.000 (h) L90 B20.
 - Costanza cromatica: 3 SDCM.
-
- Body made of painted die-cast aluminum.
 - Polyester powder coating with special outdoor treatment.
 - Reflector made of pure aluminum, PVD finish.
 - Clear screen-printed tempered safety glass.
 - Silicone rubber gaskets and grommets.
 - Led service life: 50,000 (h) L90 B20.
 - Color constancy: 3 SDCM.



	CODICE - CODE	BEAM	W	LM	K	V	CRI	KG
BI	67950-LBC-B - Vetro serigrafato bianco - Clear screen-printed glass white							
	67950-LBC			5278	3000			
NE	67951-LBC							
GR	67952-LBC							
	67950-LBN-B - Vetro serigrafato bianco - Clear screen-printed glass white	AS°	39,4W			220-240V (525mA)	>90	3
BI	67950-LBN			5542	4000			
NE	67951-LBN							
GR	67952-LBN							
	 67950-LBC-DA-B - Vetro serigrafato bianco - Clear screen-printed glass white							
BI	67950-LBC-DA			5278	3000			
NE	67951-LBC-DA							
GR	67952-LBC-DA							
	67950-LBN-DA-B - Vetro serigrafato bianco - Clear screen-printed glass white	AS°	39,4W			220-240V (525mA)	>90	3
BI	67950-LBN-DA			5542	4000			
NE	67951-LBN-DA							
GR	67952-LBN-DA							

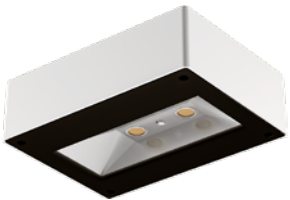
OPZIONI - OPTIONAL

A richiesta: Classe
On request: Class



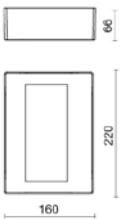
Versione corpo BIANCO
vetro con serigrafia BIANCA

Solaris fisso



BUG: B1-U0-G1
CEN: 38-71-95-100-100

- Corpo in pressofusione di alluminio verniciato.
 - Verniciatura in polveri di poliestere con trattamento speciale per esterni.
 - Riflettore in alluminio purissimo, finitura PVD.
 - Vetro di protezione chiaro serigrafato temprato.
 - Guarnizioni e passacavo in gomma siliconica.
 - Led durata utile: 50.000 (h) L90 B20.
 - Costanza cromatica: 3 SDCM.
-
- Body made of painted die-cast aluminum.
 - Polyester powder coating with special outdoor treatment.
 - Reflector made of pure aluminum, PVD finish.
 - Clear screen-printed tempered safety glass.
 - Silicone rubber gaskets and grommets.
 - Led service life: 50,000 (h) L90 B20.
 - Color constancy: 3 SDCM.



	CODICE - CODE	BEAM	W	LM	K	V	CRI	KG
BI	67950-LBC-F-B - Vetro serigrafato bianco - Clear screen-printed glass white							
	67950-LBC-F			5278	3000			
NE	67951-LBC-F							
GR	67952-LBC-F							
	67950-LBN-F-B - Vetro serigrafato bianco - Clear screen-printed glass white	AS°	39,4W			220-240V (525mA)	>90	3
BI	67950-LBN-F			5542	4000			
NE	67951-LBN-F							
GR	67952-LBN-F							
	 67950-LBC-DA-F-B - Vetro serigrafato bianco - Clear screen-printed glass white							
BI	67950-LBC-DA-F			5278	3000			
NE	67951-LBC-DA-F							
GR	67952-LBC-DA-F							
	67950-LBN-DA-F-B - Vetro serigrafato bianco - Clear screen-printed glass white	AS°	39,4W			220-240V (525mA)	>90	3
BI	67950-LBN-DA-F			5542	4000			
NE	67951-LBN-DA-F							
GR	67952-LBN-DA-F							



Versione corpo BIANCO
vetro con serigrafia BIANCA

Elle parete xs-xl



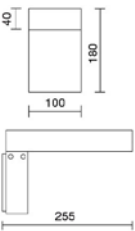
BUG: B0-U1-G0
CEN: 43-76-97-100-100
BUG: B1-U1-G1
CEN: 43-76-97-100-100

- Corpo e struttura in pressofusione di alluminio.
- Verniciatura in polveri epossidiche con trattamento speciale per esterni.
- Vetro di protezione temperato.
- Guarnizione e pressocavo PG11 in gomma siliconica.

- Body and frame in die-cast aluminium.
- Epoxy powder coated with special treatment for outdoor use.
- Tempered protection glass.
- Silicone rubber and PG11 cable clamp.

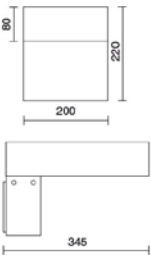


ELLE PARETE XS



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
LUCE SIMMETRICA - SYMMETRIC LIGHT								
BW	E4085-LBC				3000			
GR	E4083-LBC				3000			
NE	E4084-LBC		30°	14W	1943	220-240V (350mA)	>90	1,7
BW	E4085-LBN							
GR	E4083-LBN				4000			
NE	E4084-LBN							
LUCE ASIMMETRICA STRADALE - ASYMMETRIC LIGHT - STREET								
BW	E4085AS-LBC							
GR	E4083AS-LBC				3000			
NE	E4084AS-LBC		40°	14W	1931	220-240V (350mA)	>90	1,7
BW	E4085AS-LBN							
GR	E4083AS-LBN				4000			
NE	E4084AS-LBN							

ELLE PARETE XL



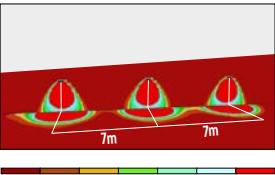
LUCE ASIMMETRICA STRADALE - ASYMMETRIC LIGHT STREET								
BW	E4113-LBC							
GR	E4111-LBC				7450	3000		
NE	E4112-LBC		40°	67,4W		220-240V (850mA)	>90	5,7
BW	E4113-LBN							
GR	E4111-LBN				7741	4000		
NE	E4112-LBN							

Ruled linear IP 65 plafone



BUG: B1-U1-G0
CEN: 93-99-100-100-100
BUG: B2-U1-G0
CEN: 93-99-100-100-100
BUG: B3-U1-G0
CEN: 93-99-100-100-100

A RICHIESTA - ON REQUEST

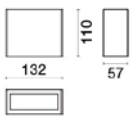


- Corpo in estruso di alluminio verniciato.
- Testate in pressofusione in alluminio verniciato.
- Verniciatura in polveri di poliestere.
- Ottica con riflettori in policarbonato metallizzati a specchio.
- Vetro di protezione trasparente extra chiaro serigrafato.
- Pressacavo in ottone nichelato.
- Led durata utile: 50.000 (h) L80 B20.

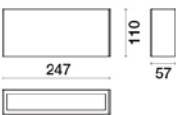
- Body made of painted extruded aluminium.
- Painted end caps of die-cast aluminium.
- Polyester powder coating for indoor.
- Optics with mirror metallized polycarbonate reflectors.
- Extra-clear transparent screen-printed safety glass.
- Nickel-plated brass cable gland.
- Led life: 50.000 (h) L80 B20.



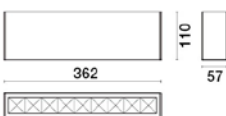
3 LED



6 LED



9 LED



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
3 LED - L132mm MONO EMISSIONE - SINGLE SIDE EMISSION								
NE	E3800-LBC-75	75°	10,5W	1278	3000	220/240V (400mA)	>80	1
	E3800-LBN-75			1383	4000			
6 LED - L247mm MONO EMISSIONE - SINGLE SIDE EMISSION								
NE	E3805-LBC-75	75°	22W	2556	3000	220/240V (400mA)	>80	1,5
	E3805-LBN-75			2766	4000			
9 LED - L362mm MONO EMISSIONE - SINGLE SIDE EMISSION								
NE	E3810-LBC-75	75°	32,5W	3833	3000	220/240V (400mA)	>80	2
	E3810-LBN-75			4150	4000			

OPZIONI - OPTIONAL

A richiesta: Ampiezza fascio
On request: Beam
12° - 55° - AS - AE

Testa palo singolo - Single pole head

Per pali Ø 60 mm - For pole Ø 60 mm

- Testa-palo Ø 60 mm per apparecchio singolo.
- Corpo e staffa di ancoraggio in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Viteria in acciaio Inox.
- N.B.: da ordinare unitamente all'apparecchio.

- Pole head Ø 60 mm for single fixture.
- Body and hanging bracket in die-cast aluminium.
- Powder coated with pre-treatment for outdoor use.
- Inox steel screws.
- Note: to be ordered with the fitting.



CODICE - CODE		KG
TESTA PALO PER APPARECCHIO SINGOLO - POLE HEAD FOR SINGLE FIXTURE		
BI	E8755	1,7
GR	E8757	
NE	E8756	

ESEMPIO ORDINAZIONE
1 Apparecchio Monolight + 1 Testa palo Ø 60 m

ORDER EXAMPLING
1 Monolight fixtures + 1 Pole head Ø 60 mm



Adatto per - Available for:



MONOLIGHT
175

DOUBLELIGHT
175

QUADRO
MONO MCL

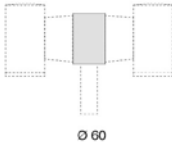
QUADRO
DOUBLE

Testa palo doppio - Double pole head

Per pali Ø 60 mm - For pole Ø 60 mm

- Testa-palo Ø 60 mm per apparecchio doppio.
- Corpo e staffa di ancoraggio in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Viteria in acciaio Inox.
- N.B.: da ordinare unitamente all'apparecchio.

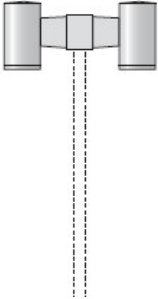
- Pole head Ø 60 mm for single or double fixture.
- Body and hanging bracket in die-cast aluminium.
- Powder coated with pre-treatment for outdoor use.
- Inox steel screws.
- Note: to be ordered with the fitting.



CODICE - CODE		W	LM	K	V	CRI	KG
TESTA PALO PER APPARECCHIO DOPPIO - POLE HEAD FOR DOUBLE FIXTURE							
BI	E8758						2,3
GR	E8760	-	-				2,8
NE	E8759						

Esempio ordinazione
2 Apparecchi Doublelight + 1 Testa palo Ø 60 mm

ORDER EXAMPLING
2 Doublelight fixtures 1 Pole head Ø 60 mm



Adatto per - Available for:



MONOLIGHT
175

DOUBLELIGHT
175

QUADRO
MONO MCL

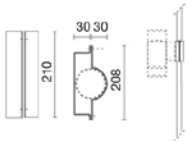
QUADRO
DOUBLE



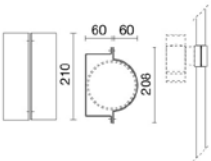
Attacco palo singolo - Adaptur single pole

Ø 60 mm - Ø 120 mm

- Corpo e staffa di ancoraggio in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Viteria in acciaio Inox.
- N.B.: da ordinare unitamente all'apparecchio.
- Body and hanging bracket in die-cast aluminium.
- Powder coated with pre-treatment for outdoor use.
- Inox steel screws.
- Note: to be ordered with the fixture.



CODICE - CODE		KG
ATTACCO PER PALO Ø 60 mm - POLE BRACKET Ø 60 mm		
BI	E5191	
GR	E5193	2,49
NE	E5192	



CODICE - CODE		KG
ATTACCO PER PALO Ø 120 mm - POLE BRACKET Ø 120 mm		
BI	E5195	
GR	E5197	2,78
NE	E5196	

Esempio ordinazione
1 Apparecchio + 1 Attacco per palo Ø 60 o Ø 120 mm

ORDER EXAMPLING
1 Fixture 1 Pole bracket Ø 60 or Ø 120 mm



Adatto per - Available for:



MONOLIGHT
175



DOUBLELIGHT
175



QUADRO
MONO MCL



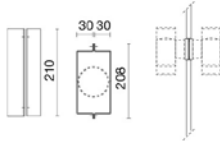
QUADRO
DOUBLE



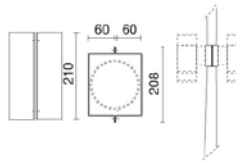
Attacco palo doppio - Adaptur double pole

Ø 60 mm - Ø 120 mm

- Corpo e staffa di ancoraggio in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Viteria in acciaio Inox.
- N.B.: da ordinare unitamente all'apparecchio.
- Body and hanging bracket in die-cast aluminium.
- Powder coated with pre-treatment for outdoor use.
- Inox steel screws.
- Note: to be ordered with the fixture.



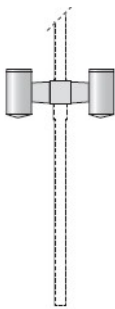
CODICE - CODE		KG
ATTACCO PER PALO Ø 60 mm - POLE BRACKET Ø 60 mm		
BI	E5191-2	
GR	E5193-2	3,65
NE	E5192-2	



CODICE - CODE		KG
ATTACCO PER PALO Ø 120 mm - POLE BRACKET Ø 120 mm		
BI	E5195-2	
GR	E5197-2	4,05
NE	E5196-2	

Esempio ordinazione
2 Apparecchi + 1 Attacco per palo Ø 60 o Ø 120 mm

ORDER EXAMPLING
2 Fixtures 1 Pole bracket Ø 60 or Ø 120 mm



Adatto per - Available for:



MONOLIGHT
175



DOUBLELIGHT
175



QUADRO
MONO MCL



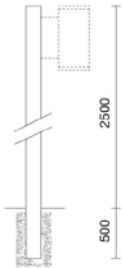
QUADRO
DOUBLE



Palo quadro - Square pole

Palo 100 mm - Pole 100 mm

- Palo per apparecchio singolo.
 - Corpo e staffa di ancoraggio in alluminio pressofuso.
 - Verniciatura in polveri con pretrattamento speciale per esterni.
 - Viteria in acciaio inox.
 - N.B.: da ordinare unitamente all'apparecchio.
- Pole head for single fixture.
 - Body and hanging bracket in die-cast aluminium.
 - Powder coated with pre-treatment for outdoor use.
 - Inox steel screws.
 - Note: to be ordered with the fixture.



CODICE - CODE		KG
NE	PALO H 3 m - POLE H 3 m	27
	E4056-3	

Esempio ordinazione
1 Apparecchio Quadro Mono + E4056-3 | Esempio ordinazione
1 Apparecchio Quadro Mono + E4056-6

ORDER EXAMPLING
1 Quadro Mono fixture + E4056-3 | ORDER EXAMPLING
1 Quadro Mono fixture + E4056-6



CODICE - CODE		KG
NE	PALO H 6 m - POLE H 6 m	54
	E4056-6	

Esempio ordinazione
1 Apparecchio Quadro Mono + E4056-3 | Esempio ordinazione
1 Apparecchio Quadro Mono + E4056-6

ORDER EXAMPLING
1 Quadro Mono fixture + E4056-3 | ORDER EXAMPLING
1 Quadro Mono fixture + E4056-6



N.B. da ordinare unitamente all'apparecchio: specificare il n. apparecchi.
Il palo è predisposto solo per n. 1 apparecchio. A richiesta per max. 2 pz. (solo per lati opposti)

Note: to be ordered with the fixture: specify the n. of fittings.
The pole is studied only for n. 1 fitting. On request for max 2 pcs. (only for opposite side)

Adatto per - Available for:



QUADRO
MONO



DUNE

Adatto per tutte le versioni Quadro Mono tranne Quadro Mono MCL
Suitable for all version Quadro Mono not for Quadro Mono MCL



				
		CEILING 105	CEILING 105 S	CEILING 140
FAMIGLIA		CEILING		
ASSORBIMENTO LAMP WATT	W	14,4 - 14,9	14,4 - 14,9	32
FLUSSO LUMINOSO LIGHT FLOW	Lm	886 - 1193	864 - 1360	3608 - 3782
TEMPERATURA DI COLORE COLOR TEMPERATURE	K	3000 4000	3000 4000	3000 4000
RESA CROMATICA COLOR RENDERING	CRI	>90	>90	>90
OTTICA OPTICAL		15 - 40°	15 - 40°	16 - 40°
CLASSE DI ISOLAMENTO INSULATION CLASS				
IP RATING		IP 65	IP 65	IP 65
PER CONTROSOFFITTI FOR CEILING		◆	◆	◆
PER PARETI SOLIDE FOR PATH		◆	◆	◆
PAG.		237	239	240

				
	CEILING 140 S	CEILING 140-Q	CEILING 175	CEILING 175 S
CEILING				
	32	41,7	40	40
	3608 - 3782	4592 - 5944	4406 - 4791	4406 - 4791
	3000 4000	3000 4000	3000 4000	3000 4000
	>90	>90	>90	>90
	16 - 40°	15 - 60°	15 - 40°	15 - 40°
				
	IP 65	IP 65	IP 65	IP 65
	◆	◆	◆	◆
	◆	◆	◆	◆
	241	243	245	247



Ceiling 105



- Corpo e staffa di ancoraggio in fusione di alluminio.
- Verniciatura in polveri con pre-trattamento speciale per esterni.
- Vetro di protezione temperato e viteria in acciaio inox.
- Guarnizioni in gomma silconica.

- Body and hanging bracket in die-cast aluminium.
- Powder coating after special treatment for outdoor use.
- Tempered protection glass and stainless steel screws.
- Silicon rubber seals.



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
BI	E5556C-LBC-15	15°	14,9W	894				
	E5556C-LBC-24	24°	14,4W	886				
	E5556C-LBC-40	40°	14,9W	1135				
GR	E5558C-LBC-15	15°	14,9W	894				
	E5558C-LBC-24	24°	14,4W	886	3000			
	E5558C-LBC-40	40°	14,9W	1135				
NE	E5557C-LBC-15	15°	14,9W	894				
	E5557C-LBC-24	24°	14,4W	886				
	E5557C-LBC-40	40°	14,9W	1135		220-240V (350mA)	>90	1,3
BI	E5556C-LBN-15	15°	14,9W	963				
	E5556C-LBN-24	24°	14,5W	928				
	E5556C-LBN-40	40°	14,9W	1193				
GR	E5558C-LBN-15	15°	14,9W	963				
	E5558C-LBN-24	24°	14,5W	928	4000			
	E5558C-LBN-40	40°	14,9W	1193				
NE	E5557C-LBN-15	15°	14,9W	963				
	E5557C-LBN-24	24°	14,5W	928				
	E5557C-LBN-40	40°	14,9W	1193				

Ceiling 105 S



- Corpo in fusione di alluminio.
 - Verniciatura in polveri con pretrattamento speciale per esterni.
 - Vetro di protezione temperato.
 - Viteria in acciaio inox.
 - Guarnizioni e pressacavo di tenuta in gomma siliconica.
 - Cavo di alimentazione lunghezza 2,100m. con rosone.
 -
- Cast aluminium body.
 - Powder-coated with special outdoor pre-treatment.
 - Tempered safety glass.
 - Stainless steel screws.
 - Silicone rubber gaskets and cable gland.
 - Power cable length 2.100m. with rosette.



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
BI	E5556C-LBC15S	15°	14,9W	894				
	E5556C-LBC24S	25°	14,4W	918				
	E5556C-LBC40S	40°	14,9W	1360				
GR	E5558C-LBC15S	15°	14,9W	894				
	E5558C-LBC24S	25°	14,4W	918	3000			
	E5558C-LBC40S	40°	14,9W	1360				
NE	E5557C-LBC15S	15°	14,9W	894				
	E5557C-LBC24S	25°	14,4W	918				
	E5557C-LBC40S	40°	14,9W	1360				
						220-240V (350mA)	>90	1,3
BI	E5556C-LBN15S	15°	14,9W	963				
	E5556C-LBN24S	25°	14,5W	864				
	E5556C-LBN40S	40°	14,9W	1193				
GR	E5558C-LBN15S	15°	14,9W	963				
	E5558C-LBN24S	25°	14,5W	864	4000			
	E5558C-LBN40S	40°	14,9W	1193				
NE	E5557C-LBN15S	15°	14,9W	963				
	E5557C-LBN24S	25°	14,5W	864				
	E5557C-LBN40S	40°	14,9W	1193				

ACCESSORI - ACCESSORIES		
BR	251-BR	
NE	251-NE	ROSONE CILINDRICO ø58 h45mm
	251-GK	CYLINDER CANOPY ø58 H45mm
	251-BT	
BR	304-BR	
NE	304-NE	ROSONE CONICO ø55 x h84mm
	304-GK	CONICAL CANOPY ø55 x h84mm
	304-BT	
BR	299-BR	
NE	299-NE	ROSONE ARC ø87 x h93mm
	299-GK	ARC CANOPY ø87 x h93mm
	299-BT	
		TUBICINO DECORATIVO ø6mm varie altezze
		DECORATIVE TUBE ø6mm various heights
769900		769900-100 h.100mm
		769900-150 h.150mm
		769900-200 h.200mm
		769900-250 h.250mm
		769900-300 h.300mm
		769900-350 h.350mm

● BR

● NE

● GK

● BT

● SB

● GT

● BF

● BL

● RR

● GN

BIANCO RAGGRINZANTE
ROUGH WHITE

NERO
BLACK

GOLD KARKAR
41113

BLU TELICA
30856

SILVER BOMBALAI
35795

GRAY TULARE
50316

BEIGE FUTUNA
35545

BRONZE LARIO
40981

RUST RAME
36136

GREEN TITICACA
41123

COLORI A RICHIESTA RAL - RAL COLORS ON REQUEST

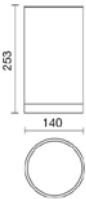
Minimo di 20 pezzi - Minimum order of 20 pieces

Ceiling 140



- Corpo e staffa di ancoraggio in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Vetro di protezione temperato.
- Viteria in acciaio inox.
- Guarnizioni e pressacavo di tenuta in gomma siliconica.

- Die-cast aluminium body and anchor bracket.
- Powder-coated with special outdoor pre-treatment.
- Tempered safety glass.
- Stainless steel screws.
- Silicone rubber gaskets and cable gland.

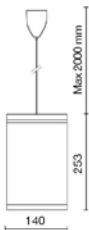


	CODICE - CODE	BEAM	W	LM	K	V	CRI	KG
BI	E5596-LBC-16	16°		3640				
	E5596-LBC-24	24°		3608				
	E5596-LBC-40	40°		3652				
GR	E5598-LBC-16	16°		3640				
	E5598-LBC-24	24°		3608	3000			
	E5598-LBC-40	40°		3652				
NE	E5597-LBC-16	16°		3640				
	E5597-LBC-24	24°		3608				
	E5597-LBC-40	40°		3652				
	E5596-LBN-16	16°	32W	3769		220-240V (700mA)	>90	2,6
BI	E5596-LBN-24	24°		3736				
	E5596-LBN-40	40°		3782				
GR	E5598-LBN-16	16°		3769				
	E5598-LBN-24	24°		3736	4000			
	E5598-LBN-40	40°		3782				
NE	E5597-LBN-16	16°		3769				
	E5597-LBN-24	24°		3736				
	E5597-LBN-40	40°		3782				

Ceiling 140 S



- Corpo e staffa di ancoraggio in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Vetro di protezione temperato.
- Viteria in acciaio inox.
- Guarnizioni e pressacavo di tenuta in gomma siliconica.
- Cavo di alimentazione lunghezza 2,100m. con rosone.
- Die-cast aluminium body and anchor bracket.
- Powder-coated with special outdoor pre-treatment.
- Tempered safety glass.
- Stainless steel screws.
- Silicone rubber gaskets and cable gland.
- Power cable length 2.100m. with rosette.



	CODICE - CODE	BEAM	W	LM	K	V	CRI	KG
BI	E5596-LBC-16S	16°		3640				
	E5596-LBC-24S	24°		3608				
	E5596-LBC-40S	40°		3652				
GR	E5598-LBC-16S	16°		3640				
	E5598-LBC-24S	24°		3608	3000			
	E5598-LBC-40S	40°		3652				
NE	E5597-LBC-16S	16°		3640				
	E5597-LBC-24S	24°		3608				
	E5597-LBC-40S	40°		3652				
	E5596-LBN-16S	16°	32W	3769		220-240V (700mA)	>90	2,6
BI	E5596-LBN-24S	24°		3736				
	E5596-LBN-40S	40°		3782				
GR	E5598-LBN-16S	16°		3769				
	E5598-LBN-24S	24°		3736	4000			
	E5598-LBN-40S	40°		3782				
NE	E5597-LBN-16S	16°		3769				
	E5597-LBN-24S	24°		3736				
	E5597-LBN-40S	40°		3782				

ACCESSORI - ACCESSORIES

BR	251-BR	
NE	251-NE	ROSONE CILINDRICO ø58 h45mm
	251-GK	CYLINDER CANOPY ø58 H45mm
	251-BT	
BR	304-BR	
NE	304-NE	ROSONE CONICO ø55 x h84mm
	304-GK	CONICAL CANOPY ø55 x h84mm
	304-BT	
BR	299-BR	
NE	299-NE	ROSONE ARC ø87 x h93mm
	299-GK	ARC CANOPY ø87 x h93mm
	299-BT	

	TUBICINO DECORATIVO ø6mm varie altezze
	DECORATIVE TUBE ø6mm various heights
769900	769900-100 h.100mm
	769900-150 h.150mm
	769900-200 h.200mm
	769900-250 h.250mm
	769900-300 h.300mm
	769900-350 h.350mm



COLORI PROPOSTI - PROPOSED COLORS

BR	BIANCO RAGGRINZANTE
	ROUGH WHITE
NE	NERO
	BLACK
GK	GOLD KARKAR
	41113
BT	BLU TELICA
	30856

COLORI DISPONIBILI IN ALTERNATIVA
AVAILABLE ALTERNATIVE COLORS

SB	SILVER BOMBALAI
	35795
GT	GRAY TULARE
	50316
BF	BEIGE FUTUNA
	35545
BL	BRONZE LARIO
	40981
RR	RUST RAME
	36136
GN	GREEN TITICACA
	41123

COLORI A RICHIESTA RAL - RAL COLORS ON REQUEST
Minimo di 20 pezzi - Minimum order of 20 pieces

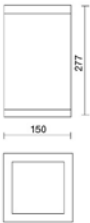


Ceiling 140-Q



- Corpo e staffa di ancoraggio in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Vetro di protezione temperato.
- Viteria in acciaio inox.
- Guarnizioni e pressacavo di tenuta in gomma siliconica.

- Die-cast aluminium body and anchor bracket.
- Powder-coated with special outdoor pre-treatment.
- Tempered safety glass.
- Stainless steel screws.
- Silicone rubber gaskets and cable gland.



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
BI	E5357-LBC-15	15°		5740				
	E5357-LBC-40	40°		4592				
	E5357-LBC-60	60°		5076				
GR	E5359-LBC-15	15°		5740				
	E5359-LBC-40	40°		4592	3000			
	E5359-LBC-60	60°		5076				
NE	E5358-LBC-15	15°		5740				
	E5358-LBC-40	40°		4592				
	E5358-LBC-60	60°		5076				
			41,7W			220-240V (1050mA)	>90	6,1
BI	E5357-LBN-15	15°		5944				
	E5357-LBN-40	40°		4755				
	E5357-LBN-60	60°		5256				
GR	E5359-LBN-15	15°		5944				
	E5359-LBN-40	40°		4755	4000			
	E5359-LBN-60	60°		5256				
NE	E5358-LBN-15	15°		5944				
	E5358-LBN-40	40°		4755				
	E5358-LBN-60	60°		5256				

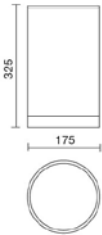


Ceiling 175



- Corpo e staffa di ancoraggio in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Vetro di protezione temperato.
- Viteria in acciaio inox.
- Guarnizioni e pressacavo di tenuta in gomma siliconica.

- Die-cast aluminium body and anchor bracket.
- Powder-coated with special outdoor pre-treatment.
- Tempered safety glass.
- Stainless steel screws.
- Silicone rubber gaskets and cable gland.

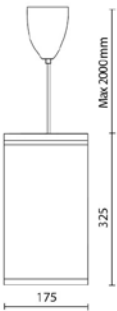


CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
BI	E5686-LBC-16	15°		4446				
	E5686-LBC-25	25°		4414				
	E5686-LBC-40	40°		4406				
GR	E5688-LBC-16	15°		4446				
	E5688-LBC-25	25°		4414	3000			
	E5688-LBC-40	40°		4406				
NE	E5687-LBC-16	15°		4446				
	E5687-LBC-25	25°		4414				
	E5687-LBC-40	40°		4406				
BI	E5686-LBN-16	15°	40W	4791		220-240V (1050mA)	>90	4,3
	E5686-LBN-25	25°		4757				
	E5686-LBN-40	40°		4748				
GR	E5688-LBN-16	15°		4791				
	E5688-LBN-25	25°		4757	4000			
	E5688-LBN-40	40°		4748				
NE	E5687-LBN-16	15°		4791				
	E5687-LBN-25	25°		4757				
	E5687-LBN-40	40°		4748				

Ceiling 175 S



- Corpo e staffa di ancoraggio in alluminio pressofuso.
 - Verniciatura in polveri con pretrattamento speciale per esterni.
 - Vetro di protezione temperato.
 - Viteria in acciaio inox.
 - Gruppo di alimentazione inserito nell'apparecchio.
 - Guarnizioni e pressacavo di tenuta in gomma siliconica.
 - Cavo di alimentazione lunghezza 2,100m. con rosone.
- Die-cast aluminium body and anchor bracket.
 - Powder-coated with special outdoor pre-treatment.
 - Tempered safety glass.
 - Stainless steel screws.
 - Power supply unit built into the luminaire.
 - Silicone rubber gaskets and cable gland.
 - Power cable length 2,100m. with rosette.



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
BI	E5686-LBC-16S	15°		4446			>90	
	E5686-LBC-25S	25°		4414			> 90	
	E5686-LBC-40S	40°		4406			>90	
GR	E5688-LBC-16S	15°		4446			>90	
	E5688-LBC-25S	25°		4414	3000		> 90	
	E5688-LBC-40S	40°		4406			>90	
NE	E5687-LBC-16S	15°		4446			>90	
	E5687-LBC-25S	25°		4414			> 90	
	E5687-LBC-40S	40°		4406		220-240V (1050mA)	>90	4,3
BI	E5686-LBN-16S	15°	40W	4791			> 90	
	E5686-LBN-25S	25°		4757			>90	
	E5686-LBN-40S	40°		4748			>90	
GR	E5688-LBN-16S	15°		4791			>90	
	E5688-LBN-25S	25°		4757	4000		> 90	
	E5688-LBN-40S	40°		4748			>90	
NE	E5687-LBN-16S	15°		4791			>90	
	E5687-LBN-25S	25°		4757			> 90	
	E5687-LBN-40S	40°		4748			>90	

ACCESSORI - ACCESSORIES

BR	251-BR	
NE	251-NE	ROSONE CILINDRICO ø58 h45mm
	251-GK	CYLINDER CANOPY ø58 H45mm
	251-BT	
BR	304-BR	
NE	304-NE	ROSONE CONICO ø55 x h84mm
	304-GK	CONICAL CANOPY ø55 x h84mm
	304-BT	
BR	299-BR	
NE	299-NE	ROSONE ARC ø87 x h93mm
	299-GK	ARC CANOPY ø87 x h93mm
	299-BT	
	769900	TUBICINO DECORATIVO ø6mm varie altezze DECORATIVE TUBE ø6mm various heights 769900-100 h.100mm 769900-150 h.150mm 769900-200 h.200mm 769900-250 h.250mm 769900-300 h.300mm 769900-350 h.350mm

COLORI PROPOSTI - PROPOSED COLORS

BR	BIANCO RAGGRINZANTE
	ROUGH WHITE
NE	NERO
	BLACK
GK	GOLD KARKAR
	41113
BT	BLU TELICA
	30856
COLORI DISPONIBILI IN ALTERNATIVA	
AVAILABLE ALTERNATIVE COLORS	
SB	SILVER BOMBALAI
	35795
GT	GRAY TULARE
	50316
BF	BEIGE FUTUNA
	35545
BL	BRONZE LARIO
	40981
RR	RUST RAME
	36136
GN	GREEN TITICACA
	41123

I DATI DI FLUSSO (LM) RIPORTATI SI RIFERISCONO AI VALORI USCENTI - THE LUMEN DATA (LM) SHOWN REFER TO REAL OUTGOING VALUES

COLORI A RICHIESTA RAL - RAL COLORS ON REQUEST

Minimo di 20 pezzi - Minimum order of 20 pieces



						
		FENIX	QUARTO DI SFERA	MOON	CERKIO XS	CERKIO XL
FAMIGLIA		FENIX	QUARTO DI SFERA	MOON	CERKIO	
ASSORBIMENTO LAMP WATT	W	15	20 - 39	10,6 - 14	10,6 - 14	22
FLUSSO LUMINOSO LIGHT FLOW	Lm	798 - 864	690 - 1421	642 - 858	632 - 749	1276 - 1332
TEMPERATURA DI COLORE COLOR TEMPERATURE	K	3000 4000	3000 4000 6000	3000 4000 6000	3000 4000 6000	3000 4000
RESA CROMATICA COLOR RENDERING	CRI	>90	>80	>90	>90	>90
OTTICA OPTICAL				100°	120°	120°
DRIVER INCLUSO INCLUDED DRIVER						
DIMMERABILE DIMMABLE						◆
EMERGENZA EMERGENCY						
CLASSE DI ISOLAMENTO INSULATION CLASS						
IP RATING		IP 65	IP 65	IP 65	IP 65	IP 65
PER PARETI SOLIDE FOR PATH		◆	◆	◆	◆	◆
PAG.		250	251	253	255	257

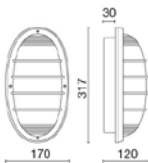
					
	SOLID	MINI MISTRAL	MISTRAL	AZIMUTH	DUNE
	SOLID	MISTRAL		AZIMUTH	DUNE
	22,4	10	25	34 - 38	67
	1287 - 1585	611 - 664	1269 - 1428	2473 - 3039	4218 - 5223
	3000 4000	3000 4000	3000 4000	3000 4000	3000 4000
	>90	>90	>90	>90	>90
	110°			10°	25 - 65°
				◆	
	a richiesta on request ◆				
					
	IP 65	IP 65	IP 65	IP 65	IP 65
	◆	◆	◆	◆	◆
	259	261	263	265	267

Fenix



- Corpo in policarbonato.
- Diffusore in policarbonato opale.
- Guarnizioni in gomma siliconica.
- Passacavo in gomma siliconica.
- Led durata utile: 50.000 (h) L80 B20.

- Polycarbonate body.
- Opal polycarbonate diffuser.
- Silicon rubber gasket.
- Silicon rubber cable gland.
- Led life: 50.000 (h) L80 B20.



CODICE - CODE		W	LM	K	V	CRI	KG
BI	E8500-LBC	15W	798	3000	220-240V (550mA)	>90	0,8
NE	E8501-LBC						
BI	E8500-LBN		864	4000			
NE	E8501-LBN						

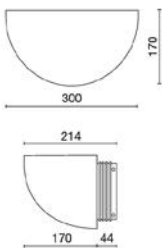
Quarto di sfera



BUG: B1-U1-G0
CEN: 59-87-98-100-100

- Corpo in pressofusione di alluminio.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Vetro di protezione opale.
- Driver integrato.

- Die-cast aluminium body.
- Powder coated after pretreatment for outdoor use.
- Opal protection glass.
- Built-in driver.



CODICE - CODE		W	LM	K	V	CRI	KG
ON-OFF							
BI	E8540-LBC	39W	1279	3000	220-240V (700mA)	>80	4,5
GR	E8542-LBC						
NE	E8541-LBC						
BI	E8540-LBN	39W		4000	220-240V (700mA)	>80	4,5
GR	E8542-LBN						
NE	E8541-LBN						
BI	E8540-LBI	1421			6000		
GR	E8542-LBI						
NE	E8541-LBI						
EMERGENZA - EMERGENCY							
BI	E8540-LBC-EM	20W	690	3000	220-240V (350mA)	>80	4,5
GR	E8542-LBC-EM						
NE	E8541-LBC-EM						
BI	E8540-LBN-EM	20W		4000	220-240V (350mA)	>80	4,5
GR	E8542-LBN-EM						
NE	E8541-LBN-EM						
BI	E8540-LBI-EM	711			6000		
GR	E8542-LBI-EM						
NE	E8541-LBI-EM						

DRIVER CONSIGLIATI - RECOMMENDED DRIVERS

645939	DRIVER DIM DALI	7÷26W	IP20	150÷700mA
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OPZIONI - OPTIONAL

A richiesta: Dali cod.645939
On request: Dali cod.645939



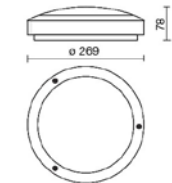
Moon



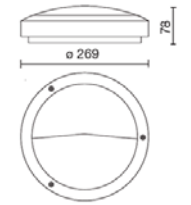
- Corpo in pressofusione di alluminio.
 - Verniciatura in polveri con pretrattamento speciale per esterni.
 - Diffusore in policarbonato resistente agli urti stabilizzato ai raggi UV.
 - Viteria in acciaio inox.
 - Gruppo di alimentazione elettronico incorporato.
 - Guarnizione in gomma siliconica.
- Die-cast aluminum body.
 - Powder coating with special outdoor pretreatment.
 - Impact-resistant UV-stabilized polycarbonate diffuser.
 - Stainless steel hardware.
 - Built-in electronic power supply unit.
 - Silicone rubber gasket.



SENZA PALPEBRA - WITHOUT EYELID



CON PALPEBRA - WITH EYELID



SENZA PALPEBRA WHITOUT EYELID		CON PALPEBRA WITH EYELID	BEAM	W	LM	K	V	CRI	KG
ON-OFF									
BI	E5420-LBC	E5430-LBC							
GR	E5422-LBC	E5432-LBC			763	3000			
NE	E5421-LBC	E5431-LBC							
BI	E5420-LBN	E5430-LBN							
GR	E5422-LBN	E5432-LBN	100°	14W	4000	220-240V (350mA)	>90	0,8	
NE	E5421-LBN	E5431-LBN			858				
BI	E5420-LBI	E5430-LBI							
GR	E5422-LBI	E5432-LBI			6000				
NE	E5421-LBI	E5431-LBI							
EMERGENZA - EMERGENCY									
BI	E5420-LBC-EM	E5430-LBC-EM							
GR	E5422-LBC-EM	E5432-LBC-EM			3000				
NE	E5421-LBC-EM	E5431-LBC-EM							
BI	E5420-LBN-EM	E5430-LBN-EM	100°	10,6W	642	220-240V (350mA)	>90	0,8	
GR	E5422-LBN-EM	E5432-LBN-EM			4000				
NE	E5421-LBN-EM	E5431-LBN-EM							

OPZIONI - OPTIONAL

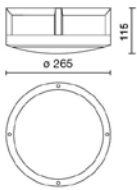
A richiesta: Dali cod.645939
On request: Dali cod.645939



Cerkio xs



- Corpo in pressofusione di alluminio.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Diffusore in policarbonato resistente agli urti stabilizzato ai raggi UV.
- Viteria in acciaio inox.
- Gruppo di alimentazione elettronico incorporato.
- Guarnizione in gomma siliconica.
- Die-cast aluminum body.
- Powder coating with special outdoor pretreatment.
- Impact-resistant UV-stabilized polycarbonate diffuser.
- Stainless steel hardware.
- Built-in electronic power supply unit.
- Silicone rubber gasket.



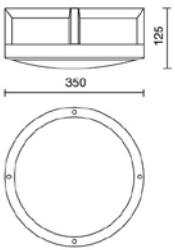
CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
ON-OFF								
BI	E5446-LBC							
GR	E5448-LBC			666	3000			
NE	E5447-LBC							
BI	E5446-LBN							
GR	E5448-LBN	120°	14W		4000	220-240V (350mA)	>90	1,45
NE	E5447-LBN			749				
BI	E5446-LBI							
GR	E5448-LBI				6000			
NE	E5447-LBI							
EMERGENZA - EMERGENCY								
BI	E5446-LBC-EM							
GR	E5448-LBC-EM				3000			
NE	E5447-LBC-EM							
BI	E5446-LBN-EM	120°	10,6W	632		220-240V (350mA)	>90	1,45
GR	E5448-LBN-EM				4000			
NE	E5447-LBN-EM							

Cerkio xl



- Corpo in pressofusione di alluminio.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Diffusore in policarbonato resistente agli urti stabilizzato ai raggi UV.
- Viteria in acciaio inox.
- Gruppo di alimentazione elettronico incorporato.
- Guarnizione in gomma siliconica.

- Die-cast aluminum body.
- Powder coating with special outdoor pretreatment.
- Impact-resistant UV-stabilized polycarbonate diffuser.
- Stainless steel hardware.
- Built-in electronic power supply unit.
- Silicone rubber gasket.



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
ON-OFF								
BI	E5400-LBC	120°	22W	1276 3000		220-240V (700mA)	>90	3,5
GR	E5402-LBC							
NE	E5401-LBC							
BI	E5400-LBN	120°	22W	1332 4000		220-240V (700mA)	>90	3,5
GR	E5402-LBN							
NE	E5401-LBN							
DIM 1+10V								
BI	E5400-LBC-DIM	120°	22W	1276 3000		220-240V (700mA)	>90	3,5
GR	E5402-LBC-DIM							
NE	E5401-LBC-DIM							
BI	E5400-LBN-DIM	120°	22W	1332 4000		220-240V (700mA)	>90	3,5
GR	E5402-LBN-DIM							
NE	E5401-LBN-DIM							
ball								
BI	E5400-LBC-DA	120°	22W	1276 3000		220-240V (700mA)	>90	3,5
GR	E5402-LBC-DA							
NE	E5401-LBC-DA							
BI	E5400-LBN-DA	120°	22W	1332 4000		220-240V (700mA)	>90	3,5
GR	E5402-LBN-DA							
NE	E5401-LBN-DA							



Solid



A RICHIESTA - ON REQUEST

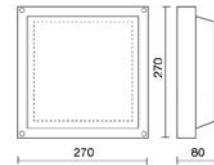


- Corpo in pressofusione di alluminio.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Schermo in policarbonato opale.
- Guarnizioni in gomma siliconica.

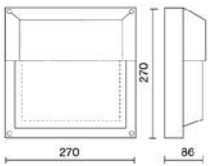
- Die-cast aluminium body.
- Powder coated after pretreatment for outdoor use.
- Polycarbonate diffuser.
- Silicone rubber gasket.



TUTTO SCHERMO - FULL SCREEN



CON PALPEBRA - WITH EYELID



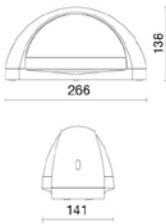
	TUTTO SCHERMO FULL SCREEN	CON PALPEBRA WITH EYELID	BEAM	W	LM	K	V	CRI	KG
BI	E5385-LBC	E5390-LBC			1287		220-240V		
GR	E5387-LBC	E5392-LBC			1507	3000	(700 mA)		
NE	E5386-LBC	E5391-LBC	110°	22,4W				>90	2,4
BI	E5385-LBN	E5390-LBN					220-240V		
GR	E5387-LBN	E5392-LBN			1585	4000	(700 mA)		
NE	E5386-LBN	E5391-LBN							
DOPPIA ACCENSIONE - DOUBLE LIGHTING									
BI	E5393-LBC	E5396-LBC			1507	3000			
GR	E5395-LBC	E5398-LBC					220-240V		
NE	E5394-LBC	E5397-LBC	110°	22,4W			(700 mA)	>90	2,4
BI	E5393-LBN	E5396-LBN							
GR	E5395-LBN	E5398-LBN			1585	4000			
NE	E5394-LBN	E5397-LBN							
EMERGENZA - EMERGENCY									
BI	E5385-LBC-EM	E5390-LBC-EM			1507	3000			
GR	E5387-LBC-EM	E5392-LBC-EM					220-240V		
NE	E5386-LBC-EM	E5391-LBC-EM	110°	22,4W			(700 mA)	>90	2,4
BI	E5385-LBN-EM	E5390-LBN-EM							
GR	E5387-LBN-EM	E5391-LBN-EM			1585	4000			
NE	E5386-LBN-EM	E5392-LBN-EM							



Mini mistral



- Corpo in pressofusione di alluminio.
 - Verniciatura in polveri di poliestere con trattamento speciale.
 - Guarnizioni in gomma siliconica.
 - Schermo vetro satinato temperato.
 - Pressacavo in gomma siliconica PG11.
-
- Die-cast aluminium body.
 - Specially treated polyester powder coating for exterior.
 - Silicon rubber gaskets.
 - Satined and tempered diffuser glass.
 - Silicon rubber cable gland in PG11.



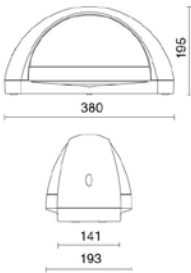
CODICE - CODE		W	LM	K	V	CRI	KG
MONO EMISSIONE - MONO EMISSION							
BI	E8805-LBC	10W	611	3000	220-240V (400mA)	>90	1,8
GR	E8807-LBC						
NE	E8806-LBC						
BI	E8805-LBN	10W	664	4000	220-240V (400mA)	>90	1,8
GR	E8807-LBN						
NE	E8806-LBN						
DOPPIA EMISSIONE - DOUBLE EMISSION							
BI	E8800-LBC	21W	1216	3000	220-240V (400mA)	>90	1,8
GR	E8802-LBC						
NE	E8801-LBC						
BI	E8800-LBN	21W	1322	4000	220-240V (400mA)	>90	1,8
GR	E8802-LBN						
NE	E8801-LBN						

Mistral



- Corpo in pressofusione di alluminio.
- Verniciatura in polveri di poliestere con trattamento speciale
- per esterni (sabbiatura, decappaggio, n.3 lavaggi, fluorozirconatura,
- fondo in polveri epossidiche, finitura di superficie in polvere poliestere).
- Guarnizioni in gomma siliconica.
- Schermo vetro satinato.
- Pressacavo in gomma siliconica PG11.

- Housing of die-cast aluminium.
- Specially treated polyester powder coating for exterior (Pickling,
- blasting, n.3 washings, epoxy bottom, polyester powder surface finish).
- Silicon rubber gaskets.
- Satined diffuser glass.
- Cable gland in silicon rubber PG11.



CODICE - CODE		W	LM	K	V	CRI	KG
MONO EMISSIONE - MONO EMISSION							
BI	E8650-LBC						
GR	E8652-LBC		1269	3000			
NE	E8651-LBC						
BI	E8650-LBN	25W			220-240V (500mA)	>90	6
GR	E8652-LBN		1428	4000			
NE	E8651-LBN						
DOPPIA EMISSIONE - DOUBLE EMISSION							
BI	E8600-LBC						
GR	E8602-LBC		2540	3000			
NE	E8601-LBC						
BI	E8600-LBN	48W			220-240V (500mA)	>90	6
GR	E8602-LBN		2858	4000			
NE	E8601-LBN						



Azimuth



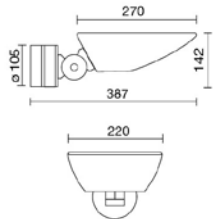
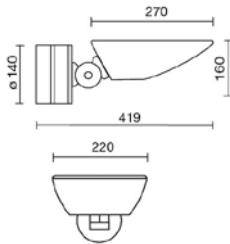
Apertura fascio 25° - 50° - 65° - Light beam 25° - 50° - 65°



BUG: B3-UI-60
CEN: 90-99-100-100-100

- Proiettore in pressofusione di alluminio.
- Vetro di protezione extrachiaro temperato.
- Orientamento corpo proiettore 30÷150°.
- Cavo di alimentazione lunghezza 0,3 m.

- Die-cast aluminum projector.
- Extra-clear tempered safety glass.
- Projector body orientation 30÷150°.
- Power cable length 0.3 m.



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG	DRIVER	
BASETTA CON DRIVER - BASEPLATE WITH DRIVER										
BI	E1124-LBC									
NE	E1125-LBC			2473	3000					
GR	E1126-LBC	10°	34W			220-240V (650mA)	>90	3,9		
BI	E1124-LBI									
NE	E1125-LBI			3039	4000					
GR	E1126-LBI									
BASETTA SENZA DRIVER - BASEPLATE WITHOUT DRIVER										
BI	E1118-LBC									
NE	E1119-LBC			2473	3000					
GR	E1120-LBC	10°	34W			650mA	>90	3		
BI	E1118-LBI									
NE	E1119-LBI			3039	4000					
GR	E1120-LBI									
RGB										
BI	E1118-RGB									
NE	E1119-RGB	10°	-	-		350mA	>90	3		
GR	E1120-RGB									

DRIVER CONSIGLIATI - RECOMMENDED DRIVERS		
645846	ON-OFF	IP20

ACCESSORI - ACCESSORIES	
645247	Driver + Miscelatore
645246	Controller IR IR controller
645245	Telecomando Remote



Dune



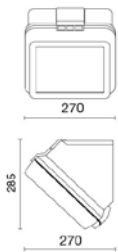
Lenti per fascio asimmetrico - lenses for asymmetric beam



BUG: B2-U5-60
CEN: 88-96-99-50-100



- Corpo e cornice in pressofusione di alluminio.
 - Vernice in polveri con pretrattamento speciale per esterni.
 - Vetro di protezione.
 - Riflettore in alluminio purissimo.
- Die-cast aluminium housing and frame.
 - Powder coated after special treatment for outdoor use.
 - Protection glass.
 - Reflector of very pure aluminium.



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG	
NE	E4010-LBC	25°	67W	4234	3000	220-240V (700mA)	>90	5,5	
	E4010-LBN			5223	4000				
	E4011-LBC	65°		4218	3000				
	E4011-LBN			5204	4000				

ACCESSORI - ACCESSORIES

- E4052

Braccio
Arm
- E4054

Palo da interrare
Pole to be buried
- E4058

Palo a pavimento
Floor pole
- E4050

Staffa orientabile
Swivel bracket
- E4055

Attacco palo ø 60mm
Pole attachment ø 60mm
- 699938-LBC

Kit 60W-3000K-25°
60W-3000K-25° kit
- 699938-LBN

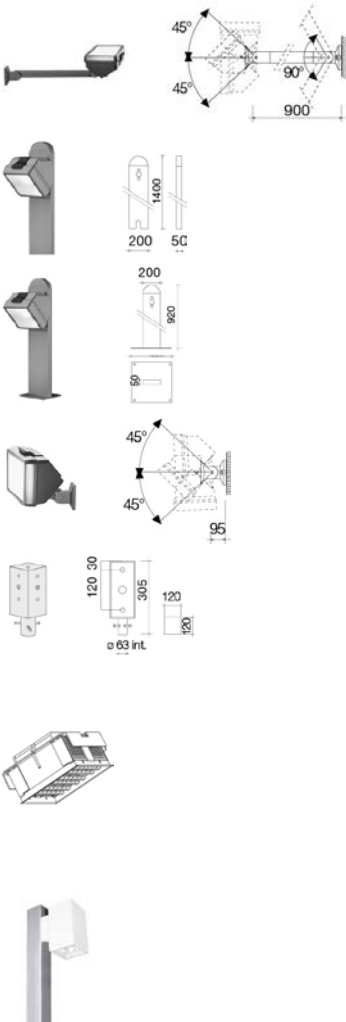
Kit 60W-4000K-25°
60W-4000K-25° kit
- 699942-LBC

Kit 60W-3000K-65°
60W-3000K-65° kit
- 699942-LBN

Kit 60W 4000K 65°
60W-4000K-65° kit
- E4056-3

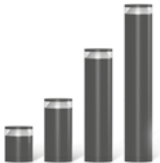
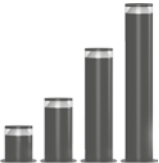
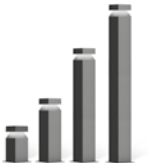
Palo da interrare - H. 3m.
Pole mounted on spike - H. 3m
- E4056-6

Palo da interrare - H. 6m.
Pole mounted on spike - H. 6m





					
		LITTLE ROK	ROK	Q7	Q8
FAMIGLIA		ROK		Q7	Q8
ASSORBIMENTO LAMP WATT	W	30,8	30,8	7,5 - 14,3	16,4
FLUSSO LUMINOSO LIGHT FLOW	Lm	361 - 384	340 - 359	380 - 1040	951
TEMPERATURA DI COLORE COLOR TEMPERATURE	K	3000 4000 5000	3000 4000 5000	3000	3000
RESA CROMATICA COLOR RENDERING	CRI	>90	>90	>90	>90
OTTICA OPTICAL				10 - 15°	35°
CLASSE DI ISOLAMENTO INSULATION CLASS					
IP RATING		IP 67	IP 67	IP IP67	IP IP65
DA INTERRARE INGROUND		◆	◆		◆
PAG.		272	273	274	275

					
VERSO 90	VERSO 175	VERSO 175 EVO	VERSO 175 KONIC	VERSO 175 KONIC EVO	VERSO 120-Q
VERSO					
13	11 - 20	11 - 20	11 - 23	11 - 23	6 - 23
446 - 937	747 - 1703	747 - 1703	747 - 885	747 - 885	123 - 462
3000 4000	3000 4000	3000 4000	3000 4000	3000 4000	3000 4000
>90	>90	>90	>90	>90	>90
180 - 360°	180 - 360°	180 - 360°	180 - 360°	180 - 360°	90 - 360°
					
IP 65	IP 65	IP 65	IP 65	IP 65	IP 65
◆	◆	◆	◆	◆	◆
277	279	281	283	285	287



		RULED LINEAR IP65 BOLLARD	FRISBEE	FRISBEE MAXI	SPOT 50-TRIS	ELLE XS	ELLE XL	SOLARIS RESIDENZIALE
FAMIGLIA		FRISBEE			SPOT 50-TRIS	ELLE		SOLARIS RESIDENZIALE
FORO INCASSO CUTOFF	mm							
ASSORBIMENTO LAMP WATT	W		16	91 - 94	24	14	67,4	40
FLUSSO LUMINOSO LIGHT FLOW	Lm	10,5	850	900 - 9069	2013 - 2378	1931 - 1943	7450 - 7741	3639 - 3683
TEMPERATURA DI COLORE COLOR TEMPERATURE	K	1278 - 1383	3000 4000	3000 4000	3000 4000	3000 4000	3000 4000	3000 4000
RESA CROMATICA COLOR RENDERING	CRI	3000 4000	>90	>90	>90	>90	>90	>80
OTTICA OPTICAL		>80			12°	30 - 40°	40°	
CLASSE DI ISOLAMENTO INSULATION CLASS		75°						
IP RATING			IP 65	IP 65	IP 67	IP 65	IP 65	IP 65
DA INTERRARE INGROUND		IP 65	◆	◆	◆	◆	◆	◆
PAG.		289	291	293	295	297	299	301

Little rok



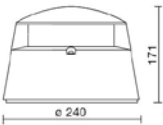
MONODIREZIONALE



OMNIDIREZIONALE



- Corpo: costituito da elementi in alluminio verniciati in polvere con pretrattamento speciale per esterni.
 - Settori di copertura del vetro per mono emissione.
 - Guarnizioni: gomma siliconica.
 - Montaggio tramite viti su materiali concreti. Pozzetto con piastra di raccordo per montaggio sulle superfici friabili.
 - Doppio pressacavo in ottone nichelato PG13,5.
- Body: made of aluminum elements powder coated with special outdoor pretreatment.
 - Glass coverage sectors for single emission.
 - Gaskets: silicone rubber.
 - Mounting by screws on concrete materials. Thermowell with connecting plate for mounting on friable surfaces.
 - Double PG13.5 nickel-plated brass cable gland.



CODICE - CODE		W	LM	K	V	CRI	KG
MONODIREZIONALE - UNIDIRECTIONAL							
NE	E8468-LBC			361	3000		
GR	E8469-LBC						
NE	E8468-LBN	30,8W	379	4000	220-240V (600mA)	>90	4
GR	E8469-LBN						
NE	E8468-LBI			384	5000		
GR	E8469-LBI						
OMNIDIREZIONALE - OMNIDIRECTIONAL							
NE	E8470-LBC			723	3000		
GR	E8471-LBC						
NE	E8470-LBN	30,8W	752	4000	220-240V (600mA)	>90	4
GR	E8471-LBN						
NE	E8470-LBI			763	5000		
GR	E8471-LBI						

ACCESSORI - ACCESSORIES

- NE 898 Pozzetto per fissaggio a terra
Sump for ground fixing



Rok



MONODIREZIONALE



BIDIREZIONALE



OMNIDIREZIONALE

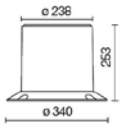


- Corpo: costituito da quattro elementi in alluminio verniciati in polvere con pretrattamento speciale per esterni.
 - Settori di copertura del vetro per emissioni bi ed omnidirezionali.
 - Guarnizioni: gomma siliconica.
 - Montaggio: tramite piastra inox di fissaggio a quattro viti su materiali concreti.
 - Pozzetto con piastra di raccordo per montaggio sulle superfici friabili.
 - Doppio pressacavo in ottone nichelato PG13,5.
- Body: consisting of four aluminum elements powder coated with special outdoor pretreatment.
 - Glass coverage sectors for bi- and omnidirectional emission.
 - Gaskets: silicone rubber.
 - Mounting: by stainless steel fixing plate with four screws on concrete materials.
 - Thermowell with connecting plate for mounting on friable surfaces.
 - Double PG13.5 nickel-plated brass cable gland.

CODICE - CODE		W	LM	K	V	CRI	KG
MONODIREZIONALE - UNIDIRECTIONAL							
NE	E8404-LBC			340	3000		
GR	E8405-LBC						
NE	E8404-LBN	30,8W	354	4000	220-240V (600mA)	>90	6
GR	E8405-LBN						
NE	E8404-LBI			359	5000		
GR	E8405-LBI						
BIDIREZIONALE - BIDIRECTIONAL							
NE	E8406-LBC			636	3000		
GR	E8407-LBC						
NE	E8406-LBN	30,8W	662	4000	220-240V (600mA)	>90	6
GR	E8407-LBN						
NE	E8406-LBI			672	5000		
GR	E8407-LBI						
OMNIDIREZIONALE - OMNIDIRECTIONAL							
NE	E8408-LBC			636	3000		
GR	E8409-LBC						
NE	E8408-LBN	30,8W	662	4000	220-240V (600mA)	>90	6
GR	E8409-LBN						
NE	E8408-LBI			672	5000		
GR	E8409-LBI						

ACCESSORI - ACCESSORIES

- NE 888 Torretta per fissaggio a pavimento
Turret for floor fixing
- GR 889
- 898 Pozzetto per fissaggio a terra
Sump for ground fixing
- NE
- 646308 Connettore IP68 ø da 7 a 12mm
IP68 connector ø 7 to 12mm

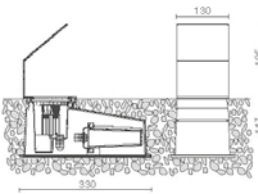


Q7



- Proiettore in pressofusione di alluminio, verniciato in polveri con pretrattamento speciale per esterni.
- Anello fissaggio vetro e tegolino in acciaio Inox.
- Vetro in cristallo extra-chiaro con guarnizioni in silicone.
- Pressacavo PG11 in ottone cromato.
- Connettore IP68 (a richiesta nc. 645230).

- Projector in cast aluminum, powder coated with pre-treatment for outdoor use.
- Fixing ring glass and stainless steel spot.
- Crystal glass extra clear with silicone gaskets.
- Cable gland PG11 plated brass.
- Connector IP68 (on request nc. 645230).



CODICE - CODE	BEAM	W	LM	K	V	CRI	KG
D2100	10°	7,5W	380		220/240V (700mA)		
INOX				3000		>90	4,3
D2100-C	15°	14,3W	1040		220/240V (350mA)		

Q8

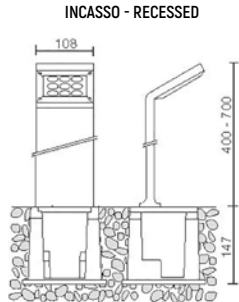


BUG: B0-U1-G0
CEN: 26-83-96-98-100

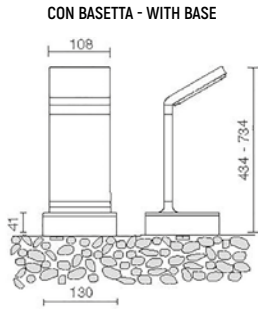


- Proiettore in pressofusione di alluminio, verniciato in polveri con pretrattamento speciale per esterni. In alternativa cromato.
- Base in acciaio Inox (AISI 316L).
- Guarnizione in silicone.
- Gruppo di alimentazione incorporato.

- Die-cast aluminum floodlight, powder coated with special outdoor pretreatment. Alternatively chrome-plated.
- Stainless steel base (AISI 316L).
- Silicone gasket.
- Built-in power supply unit.



CODICE - CODE	BEAM	W	LM	K	V	CRI	KG
H. 400mm - VERSIONE INCASSO - H. 400mm - RECESSED VERSION - H. 400mm							
BW D2040	35°	16,4W	951	3000	220/240V (500mA)	>90	4,3
H. 700mm - VERSIONE INCASSO - H. 700mm - RECESSED VERSION - H. 700mm							
BW D2041	35°	16,4W	951	3000	220/240V (500mA)	>90	4,8

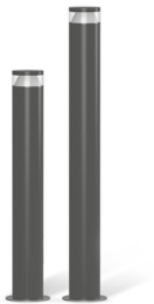


CODICE - CODE	BEAM	W	LM	K	V	CRI	KG
VERSIONE CON BASETTA - H. 400mm - BASE VERSION - H. 400mm							
BW D2040-P	35°	16,4W	951	3000	220/240V (500mA)	>90	4,3
VERSIONE CON BASETTA - H. 700mm - BASE VERSION - H. 700mm							
BW D2041-P	35°	16,4W	951	3000	220/240V (500mA)	>90	4,8





Verso 90



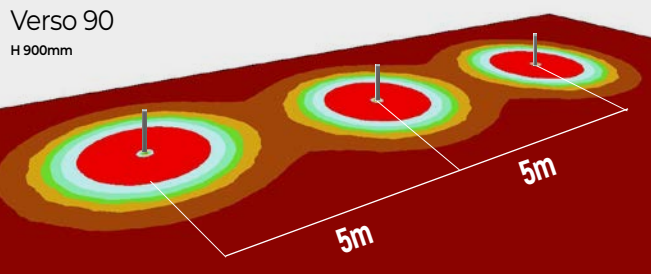
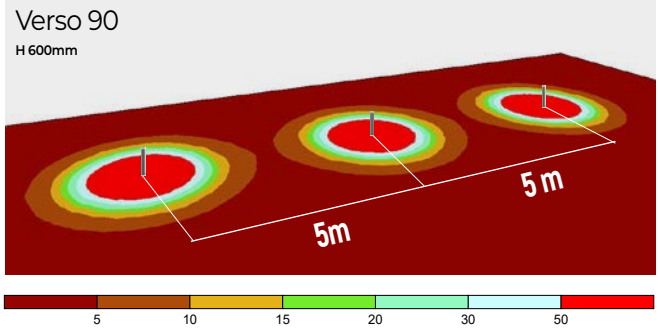
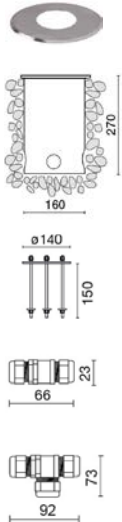
- Corpo in estruso di alluminio lavorato.
- Verniciatura in polveri di poliestere con trattamento speciale per esterni.
- Schermo in policarbonato trasparente stabilizzato ai raggi UV.
- Guarnizioni in gomma siliconica.
- Cavo alimentazione.
- Pressacavo PG 7 in ottone nichelato.
- Led durata utile: 50.000 (h) L90 B50.
- Costanza cromatica: 3 SDCM.
- Extruded aluminum body.
- Polyester powder painting with special treatment for outdoor.
- UV-stabilized transparent polycarbonate screen.
- Silicone rubber seals.
- Power cable.
- PG 7 cable gland in nickel-plated brass.
- LED Life: 50.000 (h) L90 B50.
- Chromatic constancy: 3 SDCM.



	H.600mm	H.900mm	BEAM	W	LM	K	V	CRI	KG
MONODIREZIONALE - UNIDIRECTIONAL									
NE	E5906-LBC	E5916-LBC	180°	13W	446	3000	220-240V (500mA)	>90	1,8 H.600 2,4 H.900
GRA	E5907-LBC	E5917-LBC							
BW	E5908-LBC	E5918-LBC							
NE	E5906-LBN	E5916-LBN	180°	13W	446	3000	220-240V (500mA)	>90	1,8 H.600 2,4 H.900
GRA	E5907-LBN	E5917-LBN							
BW	E5908-LBN	E5918-LBN							
OMNIDIREZIONALE - OMNIDIRECTIONAL									
NE	E5901-LBC	E5911-LBC	360°	13W	937	4000	220-240V (500mA)	>90	1,8 H.600 2,4 H.900
GRA	E5902-LBC	E5912-LBC							
BW	E5903-LBC	E5913-LBC							
NE	E5901-LBN	E5911-LBN	360°	13W	937	4000	220-240V (500mA)	>90	1,8 H.600 2,4 H.900
GRA	E5902-LBN	E5912-LBN							
BW	E5903-LBN	E5913-LBN							

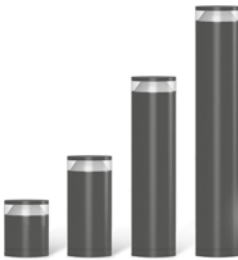
ACCESSORI - ACCESSORIES

	3127	Anello per copertura base Ring for base cover 160mm
NE	894	Cassaforma per fissaggio a terra. I cavi devono essere collegati a connettore stagno IP68. Dimensioni: 160 x 270mm Formwork for ground fixing. Cables must be connected to IP68 watertight connector. Dimensions: 160 x 270mm
	4073	Piastra tirafondi acciaio zincato Galvanized steel pull plate
	646308	Connettore IP68 ø da 7 a 12mm IP68 connector ø 7 to 12mm
NE	646636	Connettore IP68 a "T" ø da 7 a 10mm per file continue IP68 "T" connector ø 7 to 10mm for continuous rows





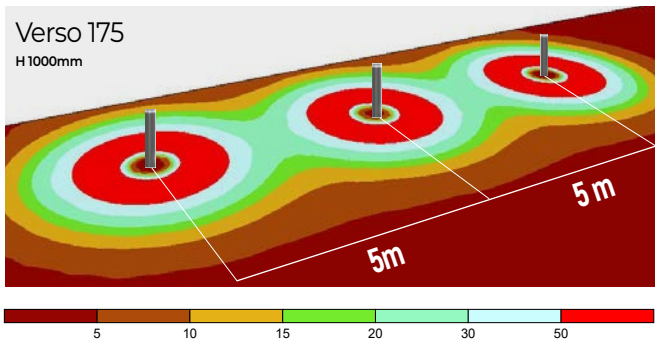
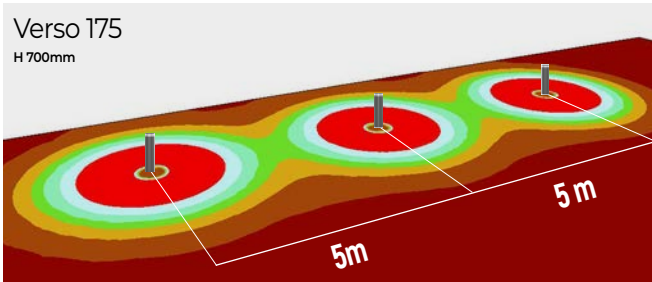
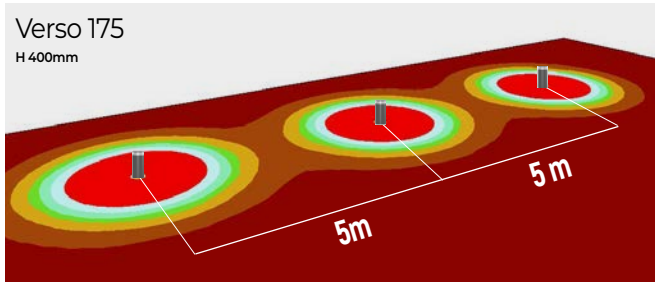
Verso 175



- Corpo in estruso di alluminio lavorato.
- Verniciatura in polveri di poliestere con trattamento speciale per esterni.
- Schermo in policarbonato trasparente stabilizzato ai raggi UV.
- Guarnizioni in gomma siliconica.
- Cavo alimentazione.
- Pressacavo PG 13,5 in ottone nichelato.
- Led durata utile: 50.000 (h) L90 B50.
- Costanza cromatica: 3 SDCM.
- Extruded aluminum body.
- Polyester powder painting with special treatment for outdoor.
- UV-stabilized transparent polycarbonate screen.
- Silicone rubber seals.
- Power cable.
- PG 13,5 cable gland in nickel-plated brass.
- LED Life: 50.000 (h) L90 B50.
- Chromatic constancy: 3 SDCM.

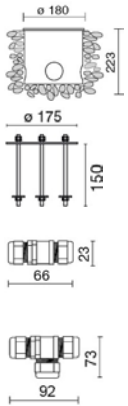


					BEAM	W	LM	K	V	CRI	KG
MONODIREZIONALE - MONODIRECTIONAL						11W	747	3000	220-240V (500mA)	>90	2,1
NE	E5961-LBC	E5941-LBC	E5946-LBC	E5951-LBC							H.235
GRA	E5962-LBC	E5942-LBC	E5947-LBC	E5952-LBC							4
BW	E5963-LBC	E5943-LBC	E5948-LBC	E5953-LBC							H.400
NE	E5961-LBN	E5941-LBN	E5946-LBN	E5951-LBN		11W	794	4000	220-240V (500mA)	>90	6
GRA	E5962-LBN	E5942-LBN	E5947-LBN	E5952-LBN							H.700
BW	E5963-LBN	E5943-LBN	E5948-LBN	E5953-LBN							8
OMNIDIREZIONALE - OMNIDIRECTIONAL						20W	1521	3000	220-240V (500mA)	>90	2,1
NE	E5956-LBC	E5921-LBC	E5926-LBC	E5931-LBC							H.235
GRA	E5957-LBC	E5922-LBC	E5927-LBC	E5932-LBC							4
BW	E5958-LBC	E5923-LBC	E5928-LBC	E5933-LBC							H.400
NE	E5956-LBN	E5921-LBN	E5926-LBN	E5931-LBN		20W	1703	4000	220-240V (500mA)	>90	6
GRA	E5957-LBN	E5922-LBN	E5927-LBN	E5932-LBN							H.700
BW	E5958-LBN	E5923-LBN	E5928-LBN	E5933-LBN							8
											H.1000



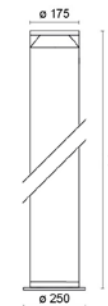
ACCESSORI - ACCESSORIES

- | | | |
|----|--------|---|
| NE | 899 | Cassaforma per fissaggio a terra
Formwork for ground fixing |
| | 4074 | Piastra tirafondi in acciaio zincato
Galvanized steel pull plate |
| | 646308 | Connettore IP68 ø da 7 a 12mm
IP68 connector ø 7 to 12mm |
| NE | 646636 | Connettore IP68 a "T" ø da 7 a 10mm per file continue
IP68 "T" connector ø 7 to 10mm for continuous rows |

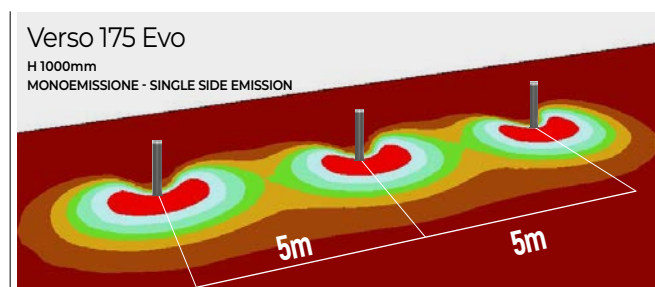
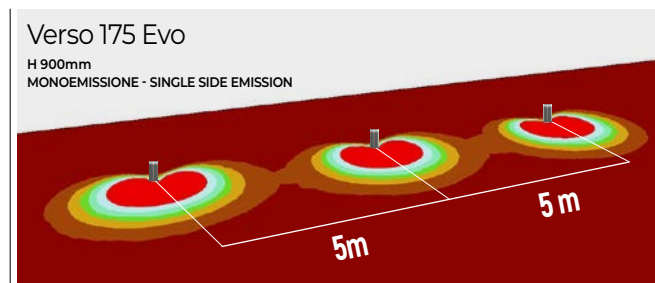




- Extruded aluminum body.
- Polyester powder painting with special treatment for outdoor.
- UV-stabilized transparent polycarbonate screen.
- Silicone rubber seals.
- Power cable.
- PG 13,5 cable gland in nickel-plated brass.
- LED Life: 50.000 (h) L90 B50.
- Chromatic constancy: 3 SDCM.



ACCESSORI - ACCESSORIES





Verso 175 Konic



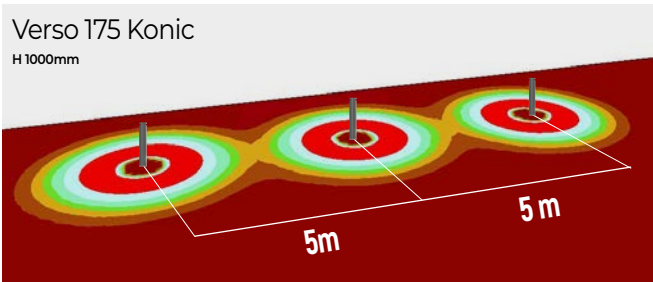
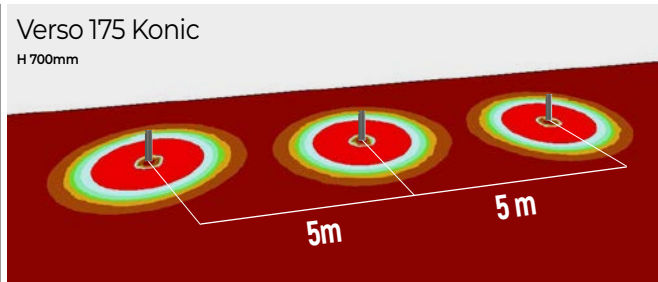
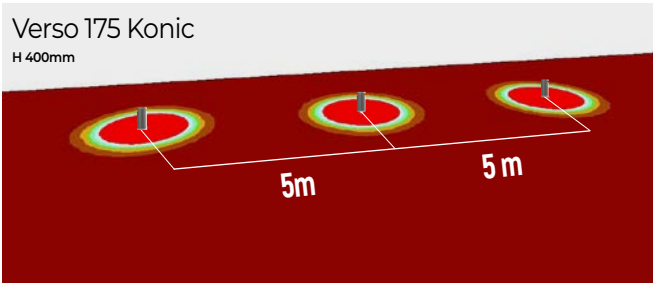
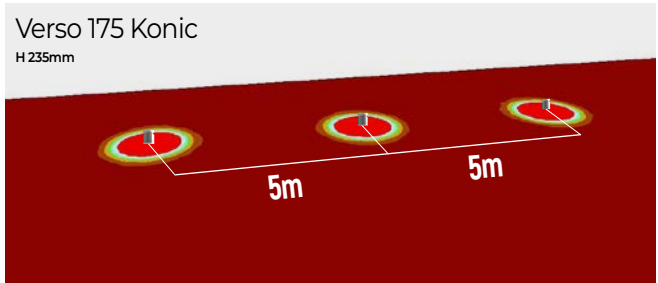
BUG: B0-U1-60
CEN: 19-69-95-99-100



- Corpo in pressofusione ed estruso di alluminio.
- Verniciatura in polveri di poliestere con trattamento speciale per esterni.
- Guarnizioni in gomma siliconica.
- Vetro trasparente e riflettore conico in pressofusione di alluminio.
- Cavo alimentazione.
- Led durata utile: 50.000 (h) L90 B50.
- Costanza cromatica: 3 SDCM.
- Extruded aluminum body.
- Polyester powder painting with special treatment for outdoor.
- Silicone rubber seals.
- Clear glass and conic reflector of diecast aluminium.
- Silicone rubber gaskets.
- Power cable.
- LED Life: 50.000 (h) L90 B50.
- Colour consistency: 3 SDCM.

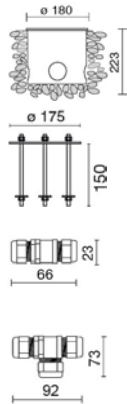


	H.235mm	H.400mm	H.700mm	H.1000mm	BEAM	W	LM	K	V	CRI	KG						
MONODIREZIONALE - MONODIRECTIONAL																	
NE	E6040-LBC	E6045-LBC	E6050-LBC	E6055-LBC	180°	11W	436	3000	220-240V (500mA)	>90	3,1						
GRA	E6041-LBC	E6046-LBC	E6051-LBC	E6056-LBC							H.235						
BW	E6042-LBC	E6047-LBC	E6052-LBC	E6057-LBC							5						
NE	E6040-LBN	E6045-LBN	E6050-LBN	E6055-LBN							7						
GRA	E6041-LBN	E6046-LBN	E6051-LBN	E6056-LBN	360°	23W	842	3000	220-240V (500mA)	>90	H.700						
BW	E6042-LBN	E6047-LBN	E6052-LBN	E6057-LBN							9						
OMNIDIREZIONALE - OMNIDIRECTIONAL																	
NE	E6020-LBC	E6025-LBC	E6030-LBC	E6035-LBC							360°	23W	885	4000	220-240V (500mA)	>90	3,1
GRA	E6021-LBC	E6026-LBC	E6031-LBC	E6036-LBC	H.235												
BW	E6022-LBC	E6027-LBC	E6032-LBC	E6037-LBC	5												
NE	E6020-LBN	E6025-LBN	E6030-LBN	E6035-LBN	7												
GRA	E6021-LBN	E6026-LBN	E6031-LBN	E6036-LBN	360°	23W	885	4000	220-240V (500mA)	>90	H.700						
BW	E6022-LBN	E6027-LBN	E6032-LBN	E6037-LBN							9						
OMNIDIREZIONALE - OMNIDIRECTIONAL																	
NE	E6020-LBC	E6025-LBC	E6030-LBC	E6035-LBC							360°	23W	885	4000	220-240V (500mA)	>90	3,1
GRA	E6021-LBC	E6026-LBC	E6031-LBC	E6036-LBC	H.235												
BW	E6022-LBC	E6027-LBC	E6032-LBC	E6037-LBC	5												
NE	E6020-LBN	E6025-LBN	E6030-LBN	E6035-LBN	7												
GRA	E6021-LBN	E6026-LBN	E6031-LBN	E6036-LBN	360°	23W	885	4000	220-240V (500mA)	>90	H.700						
BW	E6022-LBN	E6027-LBN	E6032-LBN	E6037-LBN							9						
OMNIDIREZIONALE - OMNIDIRECTIONAL																	
NE	E6020-LBC	E6025-LBC	E6030-LBC	E6035-LBC							360°	23W	885	4000	220-240V (500mA)	>90	3,1
GRA	E6021-LBC	E6026-LBC	E6031-LBC	E6036-LBC	H.235												
BW	E6022-LBC	E6027-LBC	E6032-LBC	E6037-LBC	5												
NE	E6020-LBN	E6025-LBN	E6030-LBN	E6035-LBN	7												
GRA	E6021-LBN	E6026-LBN	E6031-LBN	E6036-LBN	360°	23W	885	4000	220-240V (500mA)	>90	H.700						
BW	E6022-LBN	E6027-LBN	E6032-LBN	E6037-LBN							9						
OMNIDIREZIONALE - OMNIDIRECTIONAL																	
NE	E6020-LBC	E6025-LBC	E6030-LBC	E6035-LBC							360°	23W	885	4000	220-240V (500mA)	>90	3,1
GRA	E6021-LBC	E6026-LBC	E6031-LBC	E6036-LBC	H.235												
BW	E6022-LBC	E6027-LBC	E6032-LBC	E6037-LBC	5												
NE	E6020-LBN	E6025-LBN	E6030-LBN	E6035-LBN	7												
GRA	E6021-LBN	E6026-LBN	E6031-LBN	E6036-LBN	360°	23W	885	4000	220-240V (500mA)	>90	H.700						
BW	E6022-LBN	E6027-LBN	E6032-LBN	E6037-LBN							9						
OMNIDIREZIONALE - OMNIDIRECTIONAL																	
NE	E6020-LBC	E6025-LBC	E6030-LBC	E6035-LBC							360°	23W	885	4000	220-240V (500mA)	>90	3,1
GRA	E6021-LBC	E6026-LBC	E6031-LBC	E6036-LBC	H.235												
BW	E6022-LBC	E6027-LBC	E6032-LBC	E6037-LBC	5												
NE	E6020-LBN	E6025-LBN	E6030-LBN	E6035-LBN	7												
GRA	E6021-LBN	E6026-LBN	E6031-LBN	E6036-LBN	360°	23W	885	4000	220-240V (500mA)	>90	H.700						
BW	E6022-LBN	E6027-LBN	E6032-LBN	E6037-LBN							9						
OMNIDIREZIONALE - OMNIDIRECTIONAL																	
NE	E6020-LBC	E6025-LBC	E6030-LBC	E6035-LBC							360°	23W	885	4000	220-240V (500mA)	>90	3,1
GRA	E6021-LBC	E6026-LBC	E6031-LBC	E6036-LBC	H.235												
BW	E6022-LBC	E6027-LBC	E6032-LBC	E6037-LBC	5												
NE	E6020-LBN	E6025-LBN	E6030-LBN	E6035-LBN	7												
GRA	E6021-LBN	E6026-LBN	E6031-LBN	E6036-LBN	360°	23W	885	4000	220-240V (500mA)	>90	H.700						
BW	E6022-LBN	E6027-LBN	E6032-LBN	E6037-LBN							9						
OMNIDIREZIONALE - OMNIDIRECTIONAL																	
NE	E6020-LBC	E6025-LBC	E6030-LBC	E6035-LBC							360°	23W	885	4000	220-240V (500mA)	>90	3,1
GRA	E6021-LBC	E6026-LBC	E6031-LBC	E6036-LBC	H.235												
BW	E6022-LBC	E6027-LBC	E6032-LBC	E6037-LBC	5												
NE	E6020-LBN	E6025-LBN	E6030-LBN	E6035-LBN	7												
GRA	E6021-LBN	E6026-LBN	E6031-LBN	E6036-LBN	360°	23W	885	4000	220-240V (500mA)	>90	H.700						
BW	E6022-LBN	E6027-LBN	E6032-LBN	E6037-LBN							9						
OMNIDIREZIONALE - OMNIDIRECTIONAL																	
NE	E6020-LBC	E6025-LBC	E6030-LBC	E6035-LBC							360°	23W	885	4000	220-240V (500mA)	>90	3,1
GRA	E6021-LBC	E6026-LBC	E6031-LBC	E6036-LBC	H.235												
BW	E6022-LBC	E6027-LBC	E6032-LBC	E6037-LBC	5												
NE	E6020-LBN	E6025-LBN	E6030-LBN	E6035-LBN	7												
GRA	E6021-LBN	E6026-LBN	E6031-LBN	E6036-LBN	360°	23W	885	4000	220-240V (500mA)	>90	H.700						
BW	E6022-LBN	E6027-LBN	E6032-LBN	E6037-LBN							9						
OMNIDIREZIONALE - OMNIDIRECTIONAL																	
NE	E6020-LBC	E6025-LBC	E6030-LBC	E6035-LBC							360°	23W	885	4000	220-240V (500mA)	>90	3,1
GRA	E6021-LBC	E6026-LBC	E6031-LBC	E6036-LBC	H.235												
BW	E6022-LBC	E6027-LBC	E6032-LBC	E6037-LBC	5												
NE	E6020-LBN	E6025-LBN	E6030-LBN	E6035-LBN	7												
GRA	E6021-LBN	E6026-LBN	E6031-LBN	E6036-LBN	360°	23W	885	4000	220-240V (500mA)	>90	H.700						
BW	E6022-LBN	E6027-LBN	E6032-LBN	E6037-LBN							9						
OMNIDIREZIONALE - OMNIDIRECTIONAL																	
NE	E6020-LBC	E6025-LBC	E6030-LBC	E6035-LBC							360°	23W	885	4000	220-240V (500mA)	>90	3,1
GRA	E6021-LBC	E6026-LBC	E6031-LBC	E6036-LBC	H.235												
BW	E6022-LBC	E6027-LBC	E6032-LBC	E6037-LBC	5												
NE	E6020-LBN	E6025-LBN	E6030-LBN	E6035-LBN	7												
GRA	E6021-LBN	E6026-LBN	E6031-LBN	E6036-LBN	360°	23W	885	4000	220-240V (500mA)	>90	H.700						
BW	E6022-LBN	E6027-LBN	E6032-LBN	E6037-LBN							9						
OMNIDIREZIONALE - OMNIDIRECTIONAL																	
NE	E6020-LBC	E6025-LBC	E6030-LBC	E6035-LBC							360°	23W	885	4000	220-240V (500mA)	>90	3,1
GRA	E6021-LBC	E6026-LBC	E6031-LBC	E6036-LBC	H.235												
BW	E6022-LBC	E6027-LBC	E6032-LBC	E6037-LBC	5												
NE	E6020-LBN	E6025-LBN	E6030-LBN	E6035-LBN	7												
GRA	E6021-LBN	E6026-LBN	E6031-LBN	E6036-LBN	360°	23W	885	4000	220-240V (500mA)	>90	H.700						
BW	E6022-LBN	E6027-LBN	E6032-LBN	E6037-LBN							9						
OMNIDIREZIONALE - OMNIDIRECTIONAL																	
NE	E6020-LBC	E6025-LBC	E6030-LBC	E6035-LBC							360°	23W	885	4000	220-240V (500mA)	>90	3,1
GRA	E6021-LBC	E6026-LBC	E6031-LBC	E6036-LBC	H.235												
BW	E6022-LBC	E6027-LBC	E6032-LBC	E6037-LBC	5												
NE	E6020-LBN	E6025-LBN	E6030-LBN	E6035-LBN	7												
GRA	E6021-LBN	E6026-LBN	E6031-LBN	E6036-LBN	360°	23W	885	4000	220-240V (500mA)	>90	H.700						
BW	E6022-LBN	E6027-LBN	E6032-LBN	E6037-LBN							9						
OMNIDIREZIONALE - OMNIDIRECTIONAL																	
NE	E6020-LBC	E6025-LBC	E6030-LBC	E6035-LBC							360°	23W	885	4000	220-240V (500mA)	>90	3,1
GRA	E6021-LBC	E6026-LBC	E6031-LBC	E6036-LBC	H.235												
BW	E6022-LBC	E6027-LBC	E6032-LBC	E6037-LBC	5												
NE	E6020-LBN	E6025-LBN	E6030-LBN	E6035-LBN	7												
GRA	E6021-LBN	E6026-LBN	E6031-LBN	E6036-LBN	360°	23W	885	4000	220-240V (500mA)	>90	H.700						
BW	E6022-LBN	E6027-LBN	E6032-LBN	E6037-LBN							9						
OMNIDIREZIONALE - OMNIDIRECTIONAL																	
NE	E6020-LBC	E6025-LBC	E6030-LBC	E6035-LBC							360°	23W	885	4000	220-240V (500mA)	>90	3,1
GRA	E6021-LBC	E6026-LBC	E6031-LBC	E6036-LBC	H.235												
BW	E6022-LBC	E6027-LBC	E6032-LBC	E6037-LBC	5												
NE	E6020-LBN	E6025-LBN	E6030-LBN	E6035-LBN	7												
GRA	E6021-LBN	E6026-LBN	E6031-LBN	E6036-LBN	360°	23W	885	4000	220-240V (500mA)	>90	H.700						
BW	E6022-LBN	E6027-LBN	E6032-LBN	E6037-LBN							9						
OMNIDIREZIONALE - OMNIDIRECTIONAL																	
NE	E6020-LBC	E6025-LBC	E6030-LBC	E6035-LBC							360°	23W	885	4000	220-240V (500mA)	>90	3,1
GRA	E6021-LBC	E6026-LBC	E6031-LBC	E6036-LBC	H.235												
BW	E6022-LBC	E6027-LBC	E6032-LBC	E6037-LBC	5												
NE	E6020-LBN	E6025-LBN	E6030-LBN	E6035-LBN	7												
GRA	E6021-LBN	E6026-LBN	E6031-LBN	E6036-LBN	360°	23W	885	4000	220-240V (500mA)	>90	H.700						
BW	E6022-LBN	E6027-LBN	E6032-LBN	E6037-LBN							9						
OMNIDIREZIONALE - OMNIDIRECTIONAL																	
NE	E6020-LBC	E6025-LBC	E6030-LBC	E6035-LBC							360°	23W	885	4000	220-240V (500mA)	>90	3,1
GRA	E6021-LBC	E6026-LBC	E6031-LBC	E6036-LBC	H.235												
BW	E6022-LBC	E6027-LBC	E6032-LBC	E6037-LBC	5												
NE	E6020-LBN	E6025-LBN	E6030-LBN	E6035-LBN	7												
GRA	E6021-LBN	E6026-LBN	E6031-LBN	E6036-LBN	360°	23W	885	4000	220-240V (500mA)	>90	H.700						
BW	E6022-LBN	E6027-LBN	E6032-LBN	E6037-LBN							9						
OMNIDIREZIONALE - OMNIDIRECTIONAL																	
NE	E6020-LBC	E6025-LBC	E6030-LBC	E6035-LBC							360°	23W	885	4000	220-240V (500mA)	>90	3,1
GRA	E6021-LBC	E6026-LBC	E6031-LBC	E6036-LBC	H.235												
BW	E6022-LBC	E6027-LBC	E6032-LBC	E6037-LBC	5												
NE	E6020-LBN	E6025-LBN	E6030-LBN	E6035-LBN	7												
GRA	E6021-LBN	E6026-LBN	E6031-LBN	E6036-LBN	360°	23W	885	4000	220-240V (500mA)	>90	H.700						
BW	E6022-LBN	E6027-LBN	E6032-LBN	E6037-LBN							9						
OMNIDIREZIONALE - OMNIDIRECTIONAL																	
NE	E6020-LBC	E6025-LBC	E6030-LBC	E6035-LBC							360°	23W	885	4000	220-240V (500mA)	>90	3,1
GRA	E6021-LBC	E6026-LBC	E6031-LBC	E6036-LBC	H.235												
BW	E6022-LBC	E6027-LBC	E6032-LBC	E6037-LBC	5												
NE	E6020-LBN	E6025-LBN	E6030-LBN	E6035-LBN	7												
GRA	E6021-LBN	E6026-LBN	E6031-LBN	E6036-LBN	360°	23W	885	4000	220-240V (500mA)	>90	H.700						
BW	E6022-LBN	E6027-LBN	E6032-LBN	E6037-LBN							9						
OMNIDIREZIONALE - OMNIDIRECTIONAL																	
NE	E6020-LBC	E6025-LBC	E6030-LBC	E6035-LBC							360°	23W	885	4000	220-240V (500mA)	>90	3,1
GRA	E6021-LBC	E6026-LBC	E6031-LBC	E6036-LBC	H.235												
BW	E6022-LBC	E6027-LBC	E6032-LBC	E6037-LBC	5												
NE	E6020-LBN	E6025-LBN	E6030-LBN	E6035-LBN	7												
GRA	E6021-LBN	E6026-LBN	E6031-LBN	E6036-LBN	360°	23W	885	4000	220-240V (500mA)	>90	H.700						
BW	E6022-LBN	E6027-LBN	E6032-LBN	E6037-LBN							9						
OMNIDIREZIONALE - OMNIDIRECTIONAL																	
NE	E6020-LBC	E6025-LBC	E6030-LBC	E6035-LBC							360°	23W	885	4000	220-240V (500mA)	>90	3,1
GRA	E6021-LBC	E6026-LBC	E6031-LBC	E6036-LBC	H.235												
BW	E6022-LBC	E6027-LBC	E6032-LBC	E6037-LBC	5												
NE	E6020-LBN	E6025-LBN	E6030-LBN	E6035-LBN	7												
GRA	E6021-LBN	E6026-LBN	E6031-LBN	E6036-LBN	360°	23W	885	4000	220-240V (500mA)	>90	H.700						
BW	E6022-LBN	E6027-LBN	E6032-LBN	E6037-LBN							9						
OMNIDIREZIONALE - OMNIDIRECTIONAL																	
NE	E6020-LBC	E6025-LBC	E6030-LBC	E6035-LBC							360°	23W	885	4000	220-240V (500mA)	>90	3,1
GRA	E6021-LBC	E6026-LBC	E6031-LBC	E6036-LBC	H.235												
BW	E6022-LBC	E6027-LBC	E6032-LBC	E6037-LBC	5												
NE	E6020-LBN	E6025-LBN	E6030-LBN	E6035-LBN	7												
GRA	E6021-LBN	E6026-LBN	E6031-LBN	E6036-LBN	360°	23W	885	4000	220-240V (500mA)	>90	H.700						
BW	E6022-LBN	E6027-LBN	E6032-LBN	E6037-LBN							9						
OMNIDIREZIONALE - OMNIDIRECTIONAL																	
NE	E6020-LBC	E6025-LBC	E6030-LBC	E6035-LBC							360°	23W	88				



ACCESSORI - ACCESSORIES

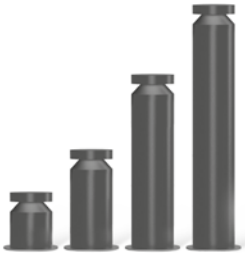
- | | | |
|----|--------|---|
| NE | 899 | Cassaforma per fissaggio a terra
Formwork for ground fixing |
| | 4074 | Piastra tirafondi in acciaio zincato
Galvanized steel pull plate |
| | 646308 | Connettore IP68 ø da 7 a 12mm
IP68 connector ø 7 to 12mm |
| NE | 646636 | Connettore IP68 a "T" ø da 7 a 10mm per file continue
IP68 "T" connector ø 7 to 10mm for continuous rows |



Verso 175 Konic EVO



BUG: 80-U1-60
CEN: 19-69-95-99-100



- Corpo in pressofusione ed estruso di alluminio.
 - Verniciatura in polveri di poliestere con trattamento speciale per esterni.
 - Guarnizioni in gomma siliconica.
 - Vetro trasparente e riflettore conico in pressofusione di alluminio.
 - Cavo alimentazione.
 - Led durata utile: 50.000 (h) L90 B50.
 - Costanza cromatica: 3 SDCM.
- Extruded aluminum body.
 - Polyester powder painting with special treatment for outdoor.
 - Silicone rubber seals.
 - Clear glass and conic reflector of diecast aluminium.
 - Silicone rubber gaskets.
 - Power cable.
 - LED Life: 50.000 (h) L90 B50.
 - Colour consistency: 3 SDCM.



	H.235mm	H.400mm	H.700mm	H.1000mm	BEAM	W	LM	K	V	CRI	KG	
MONODIREZIONALE - MONODIRECTIONAL												
NE	E6040-LBC-N	E6045-LBC-N	E6050-LBC-N	E6055-LBC-N	180°	11W		436	3000	220-240V (500mA)	>90	3,1
GRA	E6041-LBC-N	E6046-LBC-N	E6051-LBC-N	E6056-LBC-N								H.235
BW	E6042-LBC-N	E6047-LBC-N	E6052-LBC-N	E6057-LBC-N								5
NE	E6040-LBN-N	E6045-LBN-N	E6050-LBN-N	E6055-LBN-N								7
GRA	E6041-LBN-N	E6046-LBN-N	E6051-LBN-N	E6056-LBN-N								H.700
BW	E6042-LBN-N	E6047-LBN-N	E6052-LBN-N	E6057-LBN-N								9
OMNIDIREZIONALE - OMNIDIRECTIONAL												
NE	E6020-LBC-N	E6025-LBC-N	E6030-LBC-N	E6035-LBC-N	360°	23W		842	3000	220-240V (500mA)	>90	3,1
GRA	E6021-LBC-N	E6026-LBC-N	E6031-LBC-N	E6036-LBC-N								H.235
BW	E6022-LBC-N	E6027-LBC-N	E6032-LBC-N	E6037-LBC-N								5
NE	E6020-LBN-N	E6025-LBN-N	E6030-LBN-N	E6035-LBN-N								7
GRA	E6021-LBN-N	E6026-LBN-N	E6031-LBN-N	E6036-LBN-N								H.700
BW	E6022-LBN-N	E6027-LBN-N	E6032-LBN-N	E6037-LBN-N								9

ACCESSORI - ACCESSORIES

- 899-N

Pozzetto per fissaggio a terra
Sump for ground fixing
- 646308

Connettore IP68 ø da 7 a 12mm
IP68 connector ø 7 to 12mm
- 646636

Connettore IP68 a "T" ø da 7 a 10mm per file continue
IP68 "T" connector ø 7 to 10mm for continuous rows
- 4074-N

Piastra tirafondi in acciaio zincato
Galvanized steel pull plate

Country	Number of people aged 65 and over (millions)
Germany	~9.5
France	~7.5
Italy	~5.5
UK	~3.5



- Corpo in pressofusione ed estruso di alluminio.
- Verniciatura in polveri di poliesteri con trattamento speciale per esterni.
- Schermo vetro opale stabilizzato ai raggi UV.
- Guarnizioni in gomma siliconica.
- Cavo alimentazione.
- Led durata utile: 50.000 (h) L80 B20.
- Costanza cromatica: 3 SDCM.

Verso 120-Q
H 235mm



The diagram illustrates the Verso 120-Q system installed on a red surface. Three sensors are shown, each with a red and yellow circular detection zone. They are connected by a white line, and the distance between each sensor is labeled as 5m.

Verso 120-Q
H 400mm

The diagram shows three circular speakers arranged in a horizontal line on a dark red surface. Each speaker has a red center and a yellow outer ring. White lines connect the centers of the speakers, with the distance between each pair labeled as '5m'.

Verso 120-Q
H 700mm

5m

5m

5 10 15 20 30 50

Verso 120-Q
H 1000mm

The diagram shows three Verso 120-Q units arranged in a row on a red surface. Each unit is represented by a circular area with a color gradient from green to yellow to red, indicating a signal or heat distribution. A white line connects the centers of the three units, with '5m' labels indicating the distance between each unit. Each unit has a vertical silver pin or probe inserted into its center.

896 Cassaforma per fissaggio a terra
Formwork for ground fixing

646308 Connettore IP68 ø da 7 a 12mm
IP68 connector ø 7 to 12mm



NE

646636	Connettore IP68 a "T" ø da 7 a 10mm per file continue IP68 "T" connector ø 7 to 10mm for continuous rows
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Ruled linear IP65 bollard

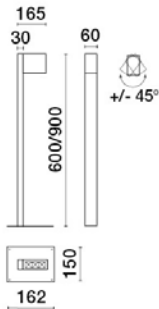


BUG: B1-U1-G0
CEN: 93-99-100-100-100



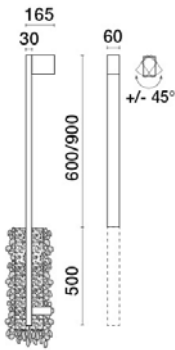
- Corpo in estruso di alluminio verniciato.
 - Testate in pressofusione in alluminio verniciato.
 - Verniciatura in polveri di poliestere.
 - Ottica con riflettori in policarbonato metallizzati a specchio.
 - Vetro di protezione trasparente extra chiaro serigrafato.
 - Pressacavo in ottone nichelato.
 - Led durata utile: 50.000 (h) L80 B20.
-
- Painted extruded aluminium body.
 - Painted die-cast aluminium end caps.
 - Polyester powder coating.
 - Optics with mirror metallised polycarbonate reflectors.
 - Extra-clear screen-printed safety glass.
 - Nickel-plated brass cable gland.
 - LED service life: 50,000 (h) L80 B20.

CON BASETTA A PAVIMENTO - WITH FLOOR PLATE



	CODICE - CODE	BEAM	W	LM	K	V	CRI	KG
NE	H. 600mm - CON BASETTA A PAVIMENTO - WITH FLOOR PLATE							
	E3940-LBC-75	75°	10,5W	1278	3000	220/240V (400mA)	>80	2,5
	E3940-LBN-75			1383	4000			
NE	H. 900mm - CON BASETTA A PAVIMENTO - WITH FLOOR PLATE							
	E3945-LBC-75	75°	10,5W	1278	3000	220/240V (400mA)	>80	3
	E3945-LBN-75			1383	4000			

CON PALO DA INTERRARE - WITH POLE TO BE BURIED



H. 600mm CON PALO DA INTERRARE - WITH GROUND POLE								
NE	E3950-LBC-75	75°	10,5W	1278	3000	220/240V (400mA)	>80	2,5
	E3950-LBN-75			1383	4000			
H 900mm CON PALO DA INTERRARE - WITH GROUND POLE								
NE	E3955-LBC-75	75°	10,5W	1278	3000	220/240V (400mA)	>80	3
	E3955-LBN-75			1383	4000			

ACCESSORI - ACCESSORIES

4073 Piastra tirafondi acciaio zincato
Galvanized steel pull plate





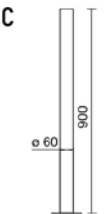
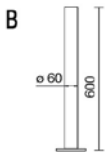
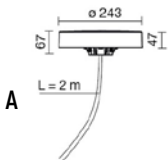
Frisbee



BUG: 81-U1-G0
CEN: 43-77-96-100-100



- Corpo e vano ottico in alluminio verniciato in polveri con pretrattamento speciale per esterni.
- Palo da pavimento in acciaio zincato e verniciato con polveri poliestere.
- Schermo in policarbonato trasparente. Viteria in acciaio inox.
- Cavo di alimentazione tipo H - lunghezza 2 m.
- Ottica omnidirezionale.
- Body made in die-cast aluminium with pre-treatment powder coating for outdoor installations.
- Pole with fixing plate made of powder coated galvanised steel.
- Transparent polycarbonate diffuser UV stabilized. Inox screws.
- Power cable H type - 2 m. lenght.
- Omnidirectional emission.



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
VANO OTTICO - OPTICAL COMPARTMENT								
BI	E5676-LBC							
NE	E5677-LBC							
GRA	E5678-LBC				3000			
BW	E5679-LBC							
BI	E5676-LBN		16W	850		220-240V (500mA)	>90	2
NE	E5677-LBN							
GRA	E5678-LBN				4000			
BW	E5679-LBN							

PALO DA PAVIMENTO H 600mm - POLE WITH FIXING OLATE H 600mm								
BI	E5652							
NE	E5653							
GRA	E5654							1,7
BW	E5655							
PALO DA PAVIMENTO H 900mm - POLE WITH FIXING OLATE H 900mm								
BI	E5656							
NE	E5657							
GRA	E5658							2,16
BW	E5659							

OPZIONI - OPTIONAL		A richiesta: Palo altezza 2M On request: 2M pole height
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ACCESSORI - ACCESSORIES		
INOX	874	Anello copribase Inox 164mm Ring for base cover Inox 164mm
NE	894	Cassaforma per fissaggio a terra. I cavi devono essere collegati a connettore stagno IP68. Dimensioni: 160 x 270mm Formwork for ground fixing. Cables must be connected to IP68 watertight connector. Dimensions: 160 x 270mm
BR	406406	
NE	406407	Adattatore per palo - ø 76/60
BW	406408	Pole adapter - ø 76/60
GRA	406459	
NE	646308	Connettore IP68 ø da 7 a 12mm IP68 connector ø 7 to 12mm



Frisbee maxi

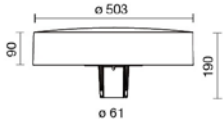


BUG: B3-U2-G1
CEN: 43-85-99-100-100



- Corpo e vano ottico in alluminio verniciato in polveri con pretrattamento speciale per esterni.
- Palo da pavimento in acciaio zincato e verniciato con polveri poliestere.
- Schermo in policarbonato trasparente. Viteria in acciaio inox.
- Cavo di alimentazione tipo H - lunghezza 2 m.
- Ottica omnidirezionale.

- Body made in die-cast aluminium with pre-treatment powder coating for outdoor installations.
- Pole with fixing plate made of powder coated galvanised steel.
- Transparent polycarbonate diffuser UV stabilized. Inox screws.
- Power cable H type - 2 m. lenght.
- Omnidirectional emission.



ACCESSORI - ACCESSORIES		
NE	406207	
GRA	406259	Palo da pavimento acciaio zincato verniciato - Ø 60mm - spess. 2mm - H 3m
GR	406219	Painted galvanized steel floor pole - Ø 60 mm - thickness 2mm - H 3m
BW	406208	
NE	408107	
GRA	408159	Palo da pavimento acciaio zincato verniciato - Ø 60mm - spess. 2mm - H 4m
GR	408119	Painted galvanized steel floor pole - Ø 60 mm - thickness 2mm - H 4m
BW	408108	
NE	408207	
GRA	408259	Palo da pavimento acciaio zincato verniciato - Ø 60mm - spess. 2mm - H 5m
GR	408219	Painted galvanized steel floor pole - Ø 60 mm - thickness 2mm - H 5m
BW	408208	
NE	406307	
GR	406319	Base palo da pavimento 60mm - Adatto solo per palo H 3m
GRA	406359	Floor pole base 60mm - Suitable for H 3m pole only
BW	406308	
NE	406407	
GR	406419	Adattatore per palo - Ø 76/60
GRA	406459	Pole adapter - Ø 76/60
BW	406408	
	4071	Piastra tirafondi acciaio zincato verniciato - Adatta per base da pavimento Painted galvanized steel pull plate - Suitable for floor base
NE	895	Pozzetto per fissaggio interrato Sump for underground fixing
NE	4077-NE	
GR	4077-GR	Anello copertura piastra attacco palo
BW	4077-BW	Cover ring pole attachment plate.
GRA	4077-GRA	

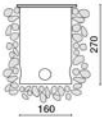
CODICE - CODE		W	LM	K	V	CRI	KG
NE	E5690-LBC						
GRA	E5691-LBC						
GR	E5692-LBC			3000			
BW	E5693-LBC						
NE	E5690-LBN	94W	8798		220-240V (400mA)	>90	6,5
GRA	E5691-LBN						
GR	E5692-LBN			4000			
BW	E5693-LBN						
	E5694-LBN						
NE	E5690-LBC-DA						
GRA	E5691-LBC-DA			3000			
GR	E5692-LBC-DA						
BW	E5693-LBC-DA						
NE	E5690-LBN-DA	94W	8798		220-240V (400mA)	>90	6,5
GRA	E5691-LBN-DA						
GR	E5692-LBN-DA			4000			
BW	E5693-LBN-DA						

OPZIONI - OPTIONAL

A richiesta: da 40W a 90W
On request: 40W to 90W

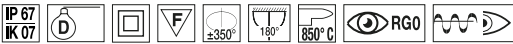


ACCESSORI - ACCESSORIES	
E67925-LBL	Eyes testa palo blu - 1,5W 350mA 230V Eyes blue pole head - 1,5W 350mA 230V
E67925-LRO	Eyes testa palo rosso - 1,5W 350mA 230V Eyes red pole head - 1,5W 350mA 230V
E67925-LVE	Eyes testa palo verde - 1,5W 350mA 230V Eyes green pole head - 1,5W 350mA 230V
NE 894	Cassaforma per fissaggio a terra. I cavi devono essere collegati a un connettore stagno IP68. Dimensioni: 160 x 270mm Formwork for ground fixing. Cables must be connected to IP68 watertight connector. Dimensions: 160 x 270mm



BOLLARD URBANO RESIDENZIALE • URBAN RESIDENTIAL BOLLARD

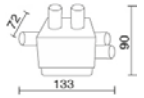
Spot 50-tris



- Corpo apparecchio in pressofusione di alluminio, orientabili in tutte le direzioni
- Palo in alluminio.
- Verniciatura a polveri di poliestere con trattamento speciale per esterni.
- Staffa in acciaio Inox (AISI 316L) verniciato.
- Bloccacavo in acciaio inox.
- Cavi alimentazione H05 RNF.
- Vetro di protezione temprato extrachiaro serigrafato, resistente ai graffi e urti.
- Driver integrato.
- Led durata utile: 50.000 (h) L80 B20.
- Costanza cromatica: 3 SDCM.
- Die-cast aluminum body, adjustable position.
- Aluminum pole.
- Polyester powder with special treatment for outdoor use.
- Brackets in stainless steel painted (AISI 316L)
- Power supply cable 1.5m.
- Extra clear serigraphy safety glass, resistant to scratches and bumps.
- Built-in driver.
- LED Life: 50.000 (h) L80 B20.
- Chromatic constancy: 3 SDCM

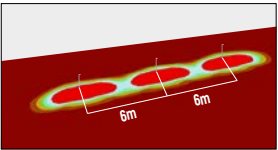
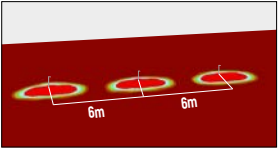


CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
GR	E67920-LBC-S							
NE	E67921-LBC-S							
BW	E67922-LBC-S			2013	3000			
VE	E67923-LBC-S							
CO	E67924-LBC-S							
GR	E67920-LBN-S	12°	24W			220-240V (200mA)	>90	6
NE	E67921-LBN-S							
BW	E67922-LBN-S			2378	4000			
VE	E67923-LBN-S							
CO	E67924-LBN-S							
ACCESSORI - ACCESSORIES								
3159	Scatola derivazione 5 vie, i cavi devono essere collegati ad un connettore stagno IP68. Dimensioni: 71x90x133mm 5-way junction box, cables must be connected to an IP68 watertight connector. Dimensions: 71x90x133mm							
GR	3147-GR							
NE	3147-NE							
BW	3147-BW	Cilindro di schermatura Shielding cylinder						
VE	3147-VE							
CO	3147-CO							
GR	3148-GR							
NE	3148-NE							
BW	3148-BW	Cilindro di schermatura 45° Shielding cylinder 45°						
VE	3148-VE							
CO	3148-CO							
GR	3149-GR							
NE	3149-NE							
BW	3149-BW	Cornice per accessori cod. 3144 - 3145 - 3146 Frame for accessories cod. 3144 - 3145 - 3146						
VE	3149-VE							
CO	3149-CO							
NE	3146	Griglia alveolare Honeycomb grid						
	3145	Lente ellittica Elliptical lens						
	3144	Lente diffondente Diffusing lens						

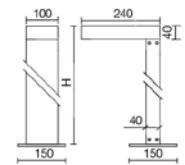




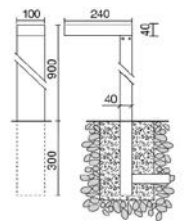
Elle XS



CON BASETTA A PAVIMENTO -
WITH FLOOR PLATE



CON PALO DA INTERRARE -
WITH POLE TO BE BURIED



- Corpo in pressofusione di alluminio.
- Verniciatura in polveri epossidiche con trattamento speciale per esterni.
- Guarnizioni in gomma siliconica.
- Vetro di protezione temperato.
- Pressacavo in gomma siliconica PG11.
- Body made of die-cast aluminum.
- Epoxy powder coated with special treatment for outdoor use.
- Silicone rubber gaskets
- Tempered protection glass.
- Cable gland PG11 silicone rubber

	H. 500mm	H. 900mm	BEAM	W	LM	K	V	CRI	KG
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SIMMETRICO CON BASETTA A PAVIMENTO - SYMMETRICAL WITH BASE FOR GROUND									
GR	E4071-LBC	E4074-LBC							
NE	E4072-LBC	E4075-LBC				3000			2,5
BW	E4073-LBC	E4076-LBC					220-240V (350mA)	>90	H.500
GR	E4071-LBN	E4074-LBN	30°	14W	1943				4
NE	E4072-LBN	E4075-LBN				4000			H.900
BW	E4073-LBN	E4076-LBN							

ASIMMETRICO CON BASETTA A PAVIMENTO - ASYMMETRICAL WITH BASE FOR GROUND									
GR	E4071AS-LBC	E4074AS-LBC							
NE	E4072AS-LBC	E4075AS-LBC				3000			2,5
BW	E4073AS-LBC	E4076AS-LBC					220-240V (350mA)	>90	H.500
GR	E4071AS-LBN	E4074AS-LBN	40°	14W	1931				4
NE	E4072AS-LBN	E4075AS-LBN				4000			H.900
BW	E4073AS-LBN	E4076AS-LBN							

	H. 900mm	
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LUCE SIMMETRICA CON PALO DA INTERRARE - SYMMETRIC LIGHT WITH POLE FOR GROUND									
GR	E4068-LBC								
NE	E4069-LBC					3000			
BW	E4070-LBC						220-240V (350mA)	>90	4,5
GR	E4068-LBN		30°	14W	1943				
NE	E4069-LBN					4000			
BW	E4070-LBN								

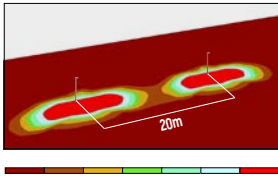
LUCE ASIMMETRICA CON PALO DA INTERRARE - ASYMMETRICAL LIGHT WITH POLE FOR GROUND									
GR	E4068AS-LBC								
NE	E4069AS-LBC					3000			
BW	E4070AS-LBC						220-240V (350mA)	>90	4,5
GR	E4068AS-LBN		40°	14W	1931				
NE	E4069AS-LBN					4000			
BW	E4070AS-LBN								



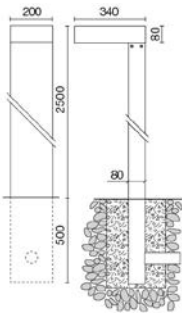
Elle XL



BUG: B1-U1-G1
CEN: 43-76-97-100-100



- Corpo in pressofusione di alluminio.
 - Verniciatura in polveri epossidiche con trattamento speciale per esterni.
 - Guarnizioni in gomma siliconica.
 - Vetro di protezione temperato.
 - Pressacavo in gomma siliconica PG11.
- Body made of die-cast aluminum.
 - Epoxy powder coated with special treatment for outdoor use.
 - Silicone rubber gaskets
 - Tempered protection glass.
 - Cable gland PG11 silicone rubber



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
CON PALO DA INTERRARE - WITH POLE TO BURY								
GR	E4100-LBC		67,4W	7450	3000	220-240V (850mA)	>90	30
NE	E4101-LBC							
BW	E4102-LBC							
GR	E4100-LBN							
NE	E4101-LBN							
BW	E4102-LBN			7741	4000			



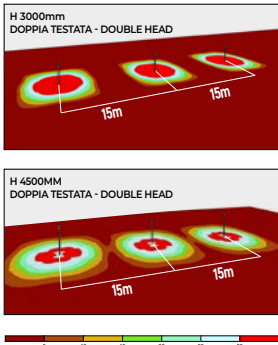
Solaris residenziale



Plinto in cemento

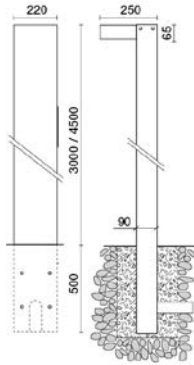


BUG: B1-U0-G1
CEN: 52-93-100-100-100

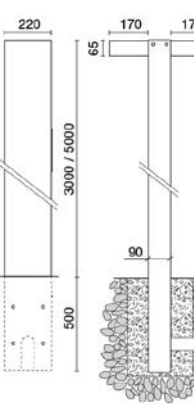


- Corpo in pressofusione di alluminio EN AB-47100.
- Palo in estruso di alluminio dim.220x90x2,5mm completo di portella e morsettiera.
- Verniciatura in polveri di poliestere con trattamento speciale per esterni (sabbatura, decapaggio, n.3 lavaggi, fluor zirconatura, Fondo in polveri epossidiche e finitura di superficie in polvere di poliestere).
- Vetro trasparente serigrafato.
- Lente fascio asimmetrico in silicone.
- Body made of die-cast aluminum EN AB-47100.
- Extruded aluminum pole dim.220x90x2.5mm complete with door and terminal box.
- Polyester powder coating with special outdoor treatment (sandblasting, pickling, no.3 washings, fluor zirconing, epoxy powder primer and polyester powder surface finish).
- Transparent screen-printed glass.
- Silicone asymmetrical beam lens.

UN FARO - ONE LIGHTING FIXTURES



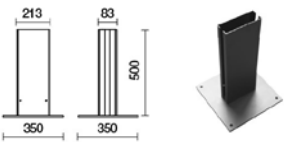
DUE FARI - TWO LIGHTING FIXTURES



CODICE - CODE		W	LM	K	V	CRI	KG
H 3.5m CON UN FARO - WITH ONE LIGHTING FIXTURE							
NE	E67955-LBC						
BW	E67956-LBC		3639	3000			
GRA	E67957-LBC	40W			220/240V (525mA)	>80	17
NE	E67955-LBN						
BW	E67956-LBN		3683	4000			
GRA	E67957-LBN						
H 5m CON UN FARO - WITH ONE LIGHTING FIXTURE							
NE	E67960-LBC						
BW	E67961-LBC		3639	3000			
GRA	E67962-LBC	40W			220/240V (525mA)	>80	23
NE	E67960-LBN						
BW	E67961-LBN		3683	4000			
GRA	E67962-LBN						
H 3.5m CON DUE FARI - WITH TWO LIGHTING FIXTURE							
NE	E67965-LBC	40W	3639				
BW	E67966-LBC			3000			
GRA	E67967-LBC		7277		220/240V (525mA)	>80	23
NE	E67965-LBN	79W					
BW	E67966-LBN		7365	4000			
GRA	E67967-LBN						
H 5m CON DUE FARI - WITH TWO LIGHTING FIXTURES							
NE	E67970-LBC						
BW	E67971-LBC		7277	3000			
GRA	E67972-LBC	79W			220/240V (525mA)	>80	26
NE	E67970-LBN						
BW	E67971-LBN		7365	4000			
GRA	E67972-LBN						

ACCESSORI - ACCESSORIES

NE	P415-P	
BW	P416-P	Base fissaggio palo a pavimento
GRA	P417-P	Floor pole fixing base



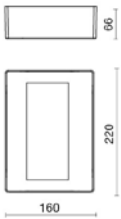
Solaris residenziale kit



BUG: B1-U0-G1
CEN: 52-93-100-100-100



- Corpo in pressofusione di alluminio.
 - Palo diametro 60
 - Verniciatura in polveri poliestere con trattamento speciale per esterni.
 - Lente fascio asimmetrico in silicone.
 - Vetro di protezione chiaro serigrafato temprato.
 - Guarnizioni e passacavo in gomma siliconica.
 - Led durata utile: 50.000 (h) L80 B20.
 - Consistenza cromatica: 3 SDCM.
- Die-cast aluminum body.
 - 60-diameter pole
 - Polyester powder coating with special treatment for outdoor use.
 - Silicone asymmetrical beam lens.
 - Clear screen-printed tempered safety glass.
 - Silicone rubber gaskets and grommets.
 - Led service life: 50,000 (h) L80 B20.
 - Color consistency: 3 SDCM.



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
VANO OTTICO - OPTICAL COMPARTMENT								
NE	E67975-LBC	 AS°	40W	3639	3000	230V (525mA)	>90	3
BW	E67976-LBC							
GRA	E67977-LBC							
NE	E67975-LBN			3683	4000			
BW	E67976-LBN							
GRA	E67977-LBN							

ACCESSORI - ACCESSORIES		
NE	406207	Palo da pavimento acciaio zincato verniciato - Ø 60mm - spess. 2mm - H 3m Painted galvanized steel floor pole - Ø 60 mm - thickness 2mm - H 3m
BW	406208	Palo da pavimento acciaio zincato verniciato - Ø 60mm - spess. 2mm - H 3m Painted galvanized steel floor pole - Ø 60 mm - thickness 2mm - H 3m
GRA	406259	Palo da pavimento acciaio zincato verniciato - Ø 60mm - spess. 2mm - H 3m Painted galvanized steel floor pole - Ø 60 mm - thickness 2mm - H 3m
NE	4083	Tappo tondo diametro 60 mm Round cap diameter 60 mm
NE	E1041-NE	Kit attacco singolo su palo di diametro 60 Single coupling kit on 60 diameter pole
BW	E1041-BW	
GRA	E1041-GRA	
NE	E1042-NE	Kit attacco doppio per palo diametro 60 Double attachment for 60 diameter pole
BW	E1042-BW	
GRA	E1042-GRA	

ESEMPIO ORDINE- ORDER EXAMPLE





				
		MINI SUB TKF	MINI SUB COLOR TKT RGBW	MINI TKF M4-37W
FAMIGLIA		MINI SUB		
ASSORBIMENTO LAMP WATT	W	7,2	15	24
FLUSSO LUMINOSO LIGHT FLOW	Lm	790	432	4060
TEMPERATURA DI COLORE COLOR TEMPERATURE	K	5300		5000
RESA CROMATICA COLOR RENDERING	CRI	>80		>80
OTTICA OPTICAL		30 - 95°	20 - 95°	25 - 95°
RGB			◆	
DRIVER INCLUSO INCLUDED DRIVER				◆
CLASSE DI ISOLAMENTO INSULATION CLASS				
IP RATING		IP 68	IP 68	IP 68
IMMERSIONE UNDERWATER		◆	◆	◆
PAG.		307	309	311

				
SUBMARINER 140	SUBMARINER 175	SUBMARINER 240	SUBWATER 140	SUBWATER 175
SUBMARINER			SUBWATER	
3,6 - 12,9	11,8 - 17	12	3,6 - 12,9	11,8 - 17
896 - 1274	1367 - 1631	1780 - 1850	896 - 1274	1533 - 1593
3000 4000 	3000 4000 	3000 4000	3000 4000 	3000 4000 
>90	>80	>80	>90	>80
15 - 40°	12 - 55°	55°	15 - 45°	12 - 55°
◆	◆		◆	◆
				
IP 68	IP 68	IP 68	IP 68	IP 68
◆	◆	◆	◆	◆
313	315	317	319	321

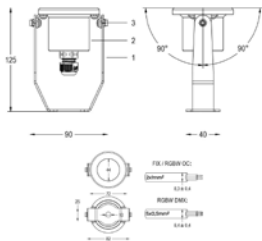


Mini sub tkf



- Faro per fontana a 3 Led bianco.
- Consumo max: 8,4VA - 8W.
- Acciaio inox (AISI 316).
- Alimentazione 12Vac.
- Cavo lunghezza 4 m.
- Profondità d'installazione 3 m. max.

- White 3 Leds lamp for fountain.
- Max power consumption: 8,4VA - 8W.
- Inox steel (AISI 316).
- 12Vac power.
- 4 m. lenght cable.
- 3 m. max depth.



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
INOX	E9604-LBI-30	30°	72W	790	5300	220-240V (0.3)	>80	0,8
	E9604-LBI-95	95°						

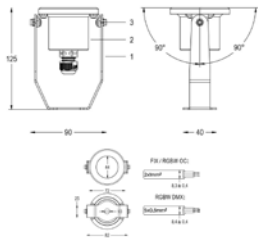
DRIVER CONSIGLIATI - RECOMMENDED DRIVERS			
645177	150W	IP67	24Vdc
646373	480W	IP67	



Mini sub color TKT RGBW



- Lampada per fontana con sistema cambia colori RGBW a 4 Led a radio frequenza, con programmi preimpostati.
- Consumo max: 17VA - 15W.
- Acciaio inox (AISI 316).
- Alimentazione 12Vac.
- Cavo lunghezza 4 m.
- Profondità d'installazione 3 m. max.
- 4 Leds RGB colour changing projector for fountain
- with radio-frequence remote control pre-programmed effects.
- Max power consumption: 17VA - 15W.
- Inox steel (AISI 316).
- 12Vac power.
- 4 m. lenght cable.
- 3 m. max depth.



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
INOX	RGB							
	E9608-RGB-20	20°						
	E9608-RGB-95	95°	15W	432	RGBW	220-240V		0,8

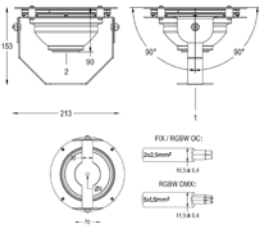
DRIVER CONSIGLIATI - RECOMMENDED DRIVERS			
645177	150W	IP67	
646373	480W	IP67	24Vdc



Mini tkf M4-37W



- Lampada per fontana con 16 Led (4 multichip) bianca.
- Consumo max: 24W.
- Acciaio inox (AISI 316).
- Alimentazione 24Vdc.
- Cavo lunghezza 8mt.
- Profondità d'installazione 3 m. max.
- Fountain lamp with 16 LEDs (4 multichip) white.
- Max consumption: 24W.
- Stainless steel (AISI 316).
- Power supply 24Vdc.
- Cable length 8m.
- Installation depth 3m max.

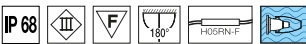


CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
INOX	E9603-LBI-25	25°						
	E9603-LBI-40	40°	24W	4060	5000	220-240V	>80	1,5
	E9603-LBI-95	95°						

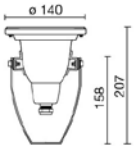
DRIVER CONSIGLIATI - RECOMMENDED DRIVERS			
645177	150W	IP67	
646373	480W	IP67	24Vdc



Submariner 140



- Proiettore a tenuta stagna.
- Corpo e staffa regolabile in acciaio inox anticorrosione (AISI 316) satinato e rivestito con layer di protezione contro l'aggressione della salsedine.
- Vetro temperato ad alto spessore.
- N.B. L'apparecchio non è adatto all'immersione in acqua marina.
- Watertight floodlight.
- Body and adjustable bracket made of anti-corrosion stainless steel (AISI 316) satin-finished and coated with protective layer against salt attack.
- High-thickness tempered glass.
- N.B. The fixture is not suitable for immersion in seawater.

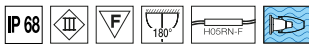


CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
INOX	E8246C-LBC-15	15°	12,9W	896			>90	
	E8246C-LBC-24	24°	12,9W	1207	3000			
	E8246C-LBC-40	40°		1136		220-240V (350mA)	>80	1,4
	E8246C-LBN-15	15°	12,9W	965				
	E8246C-LBN-24	24°	12,9W	1274	4000		>90	
	E8246C-LBN-40	40°		1194			>80	
INOX	RGB							
	E8246-RGB	40°	3,6W	-	RGB	350mA		1,4

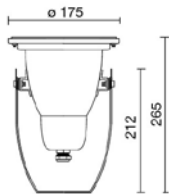
DRIVER CONSIGLIATI - RECOMMENDED DRIVERS				
645469	DRIVER ON-OFF	20W	IP20	12Vdc
OPZIONI - OPTIONAL				
A richiesta: cavo con sistema acqua-stop Optional: cable with water-stop system				



Submariner 175



- Proiettore a tenuta stagna.
- Corpo e staffa regolabile in acciaio inox anticorrosione (AISI 316) satinato e rivestito con layer di protezione contro l'aggressione della salsedine.
- Vetro temperato ad alto spessore.
- N.B. L'apparecchio non è adatto all'immersione in acqua marina.
- Watertight floodlight.
- Body and adjustable bracket made of anti-corrosion stainless steel (AISI 316) satin-finished and coated with protective layer against salt attack.
- High-thickness tempered glass.
- N.B. The fixture is not suitable for immersion in seawater.



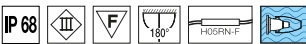
CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
INOX	E8239-LBC-12	12°	11,8W	1569	3000	220-240V (500mA)	>80	2,4
	E8239-LBC-55	55°		1367				
	E8239-LBN-12	12°		1631	4000			
	E8239-LBN-55	55°		1421				
INOX	RGB							
	E8242-RGB	40°	17W	-	RGB 	350mA		2,4

DRIVER CONSIGLIATI - RECOMMENDED DRIVERS				
645469	DRIVER ON-OFF	20W	IP20	12Vdc

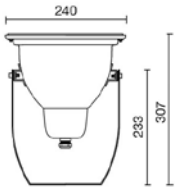
OPZIONI - OPTIONAL
A richiesta: cavo con sistema acqua-stop Optional: cable with water-stop system



Submariner 240



- Proiettore a tenuta stagna.
- Corpo e staffa regolabile in acciaio inox anticorrosione (AISI 316) satinato e rivestito con layer di protezione contro l'aggressione della salsedine.
- Vetro temperato ad alto spessore.
- N.B. L'apparecchio non è adatto all'immersione in acqua marina.
- Watertight floodlight.
- Body and adjustable bracket made of anti-corrosion stainless steel (AISI 316) satin-finished and coated with protective layer against salt attack.
- High-thickness tempered glass.
- N.B. The fixture is not suitable for immersion in seawater.



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
INOX	E8249-LBC	55°	12W	1780	3000	220-240V (500mA)	>80	3,6
	E8249-LBN			1850	4000			
INOX	RGB	55°		-		220-240V (350mA)		3,6
	E8249-RGB							

DRIVER CONSIGLIATI - RECOMMENDED DRIVERS				
645469	DRIVER ON-OFF	20W	IP20	12Vdc

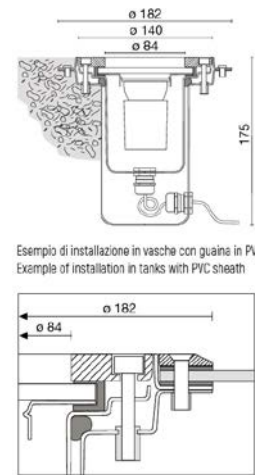
OPZIONI - OPTIONAL
A richiesta: cavo con sistema acqua-stop
Optional: cable with water-stop system



Subwater 140



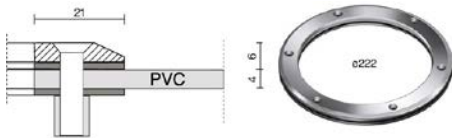
- Adatto per illuminazione di vasche, fontane, piscine.
 - Profondità di installazione 3 m. max.
 - Cavo di alimentazione lunghezza 5 m. collegato.
 - Manutenzione senza svuotamento della vasca.
 - Corpo e cassaforma in acciaio Inox anticorrosione (AISI 316) satinato e rivestito con layer di protezione contro l'ossidazione.
 - Vetro temperato ad alto spessore.
 - N.B. L'apparecchio non è adatto all'immersione in acqua marina.
-
- Suitable for pools, fountain, tanks.
 - Installation depth max 3 m.
 - Power cable length 5 m. connected.
 - Maintenance without emptying the water.
 - Body and housing made of satin finished corrosion resistant stainless steel (AISI 316) and coated with a protective layer to prevent corrosion by oxidation.
 - Extra thick, tempered glass.
 - N.B. The fitting is not suitable for immersion in sea water.



CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
INOX	E8253C-LBC-15	15°		896				
	E8253C-LBC-24	24°		1207	3000			
	E8253C-LBC-40	40°		1136		220-240V		
	E8253C-LBN-15	15°	12,9W	965			>90	2,5
	E8253C-LBN-24	24°		1274	4000			
	E8253C-LBN-40	40°		1194				
RGB								
INOX	E8253-RGB	45°	3,6W	-	RGB	350mA	>90	2,5

DRIVER CONSIGLIATI - RECOMMENDED DRIVERS				
645544	DRIVER ON-OFF	60W	IP67	12Vdc
645746	DRIVER ON-OFF	120W	IP67	12Vdc

ACCESSORI - ACCESSORIES	
E8262	Flangia per vasche con guaina Flange for tubs with conduit

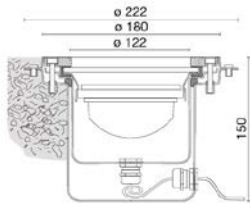




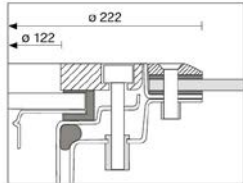
Subwater 175



- Adatto per illuminazione di vasche, fontane, piscine.
 - Profondità di installazione 3 m. max.
 - Cavo di alimentazione lunghezza 5 m. collegato.
 - Manutenzione senza svuotamento della vasca.
 - Corpo e cassaforma in acciaio Inox anticorrosione (AISI 316) satinato e rivestito con layer di protezione contro l'ossidazione.
 - Vetro temperato ad alto spessore.
 - N.B. L'apparecchio non è adatto all'immersione in acqua marina.
-
- Suitable for pools, fountain, tanks.
 - Installation depth max 3 m.
 - Power cable length 5 m. connected.
 - Maintenance without emptying the water.
 - Body and housing made of satin finished corrosion resistant stainless steel (AISI 316) and coated with a protective layer to prevent corrosion by oxidation.
 - Extra thick, tempered glass.
 - N.B. The fitting is not suitable for immersion in sea water.



Esempio di installazione in vasche con guaina in PVC
Example of installation in tanks with PVC sheath

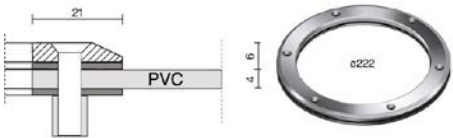


CODICE - CODE		BEAM	W	LM	K	V	CRI	KG
INOX	E8263-LBC-12	12°		1533	3000			
	E8263-LBC-55	55°	11,8W				>80	3,8
	E8263-LBN-12	12°		1593	4000			
	E8263-LBN-55	55°						
INOX	RGB							
	E8254-RGB	40°	17W	-	RGB	350mA		3,2

DRIVER CONSIGLIATI - RECOMMENDED DRIVERS				
645732	DRIVER ON-OFF - multi switch	6.3+42W	IP20	150+1050mA
646372-1	KIT RGB	21W	IP20	350mA

ACCESSORI - ACCESSORIES

E8262 Flangia per vasche con guaina
Flange for tubs with conduit



Perchè Side? Why Side?



1 MADE IN ITALY, MADE IN LOMBARDIA

Con sede a Lissone, in provincia di Monza Brianza, nel cuore della regione brianzola, SIDE S.P.A. progetta, ingegnerizza, testa, fotometra ed assembla tutti i propri prodotti internamente.

MADE IN ITALY, MADE IN LOMBARDY

Based in Lissone, in the province of Monza Brianza, in the heart of the Brianza region, SIDE S.P.A. designs, engineers, tests, photometers and assembles all its products internally.

2 PRODOTTI AD ALTA DISTRIBUZIONE

SIDE S.P.A. offre una gamma di prodotti per la sostituzione uno a uno, consentendo agli installatori di migliorare le rese illuminotecniche, risparmiare sulla bolletta e contenere i costi. Senza lavori edili invasivi, con semplici gesti è possibile ottenere ottimi risultati nella sostituzione di impianti obsoleti.

WIDE DISTRIBUTION PRODUCTS

SIDE S.P.A. offers a wide range of one-to-one replacement products, enabling installers to improve lighting performance, reduce energy consumption and keep costs down. Without invasive building works, with simple gestures it is possible to obtain excellent results in the replacement of obsolete systems.

3 PRODOTTI DA PROGETTAZIONE

SIDE S.P.A. si distingue per offrire una gamma completa di prodotti per la progettazione indoor e outdoor, garantendo qualità illuminotecnica e uniformità estetica. Il Catalogo di SIDE S.P.A. conta più di 14.000 articoli, fornendo soluzioni complete e versatili per i progetti.

PROJECTS PRODUCTS

SIDE S.P.A. stands out for offering a complete range of products for indoor and outdoor projects, guaranteeing qualitative lighting and aesthetic uniformity. The SIDE S.P.A. Catalogue presents more than 14,000 items, providing complete and versatile solutions for projects.

Qualità, convenienza e affidabilità garantite

Ci sono molti validi motivi per scegliere SIDE S.P.A.: una vasta gamma di prodotti, alta qualità ed economicità, uniformità progettuale e un'eccezionale garanzia. Scegliere SIDE S.P.A. significa fare affidamento su un partner attendibile per soluzioni illuminotecniche complete e di valore.

Guaranteed quality, convenience and reliability

There are many good reasons for choosing SIDE S.P.A.: a wide range of products, high quality and low cost, design uniformity and an exceptional guarantee. Choose SIDE S.P.A. means relying on an affordable partner for complete and lighting solutions.

4 IMBALLI PARLANTI

SIDE S.P.A. ha avviato un progetto per uniformare la comunicazione del proprio marchio attraverso gli imballi dei farette. È stato creato un "packaging parlante" che mette in evidenza le informazioni più utili per una facile comparazione con le tecnologie precedenti al LED, semplificando la scelta per gli installatori.

TALKING PACKAGING

SIDE S.P.A. has launched a project to standardize its brand communication through the packaging of the spotlights. A "talking packaging" has been created that highlights the most useful information to allow an easy comparison with pre-LED technologies, simplifying the choice for installers.

5 QUALITÀ ED ECONOMIA

I prodotti SIDE S.P.A. si sono sempre contraddistinti per il loro rapporto qualità/prezzo: merito dell'attenzione riposta in ogni singolo particolare senza scendere a compromessi estetici o tecnologici e della continua analisi dei costi industriali.

QUALITY AND AFFORDABILITY

SIDE S.P.A. products have always stood out for their quality/price ratio, thanks to the attention paid to every single detail without compromising on aesthetics or technology and the continuous analysis of industrial costs.

6 GARANZIA ELEVATA

SIDE S.P.A., scegliendo fornitori leader di mercato per la scelta delle componenti elettroniche e meccaniche, progettando e producendo interamente i propri prodotti, è in grado di estendere la propria garanzia fino a un massimo di 5 (solo per i prodotti che espongono questo logo)

GARANZIA ELEVATA

SIDE S.P.A. choose market leading suppliers for the choice of electronic and mechanical components, design and manufacture its products entirely, therefore is able to extend its warranty up to a maximum of 5 (only for products displaying this logo).

7 FAMIGLIE COMPLETE DI PRODOTTI

La gamma di prodotti SIDE S.P.A. è completa e versatile, comprendendo incassi fissi, incassi orientabili, binari, accessori, proiettori da binario, plafoniere e farette per esterno. Il design funzionale e minimale permette un facile utilizzo sia per nuove installazioni che per l'aggiornamento di impianti esistenti.

COMPLETE PRODUCT FAMILIES

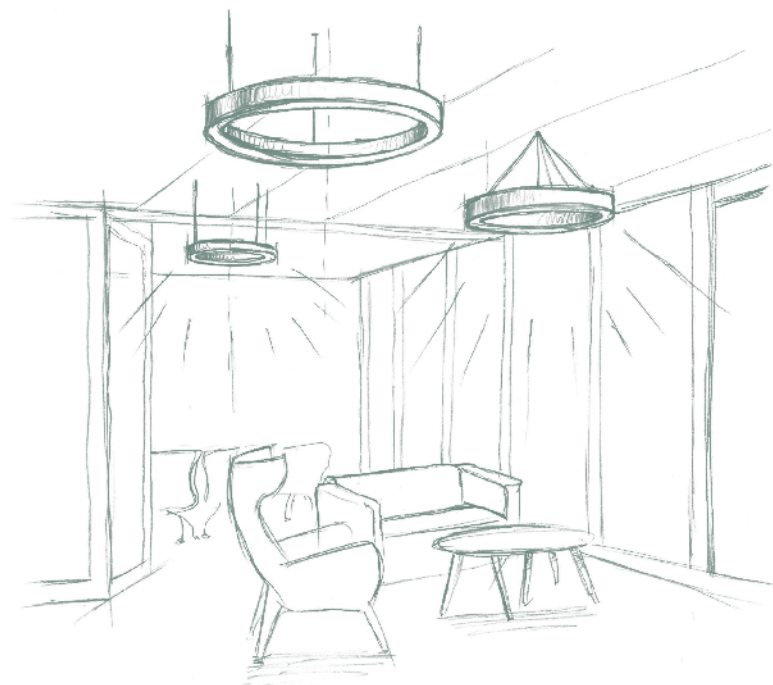
The range of SIDE S.P.A. products is complete and versatile, including fixed recessed, adjustable recessed, tracks, accessories, track projectors, ceiling lights and outdoor spotlights. The functional and minimal design allows easy use both for new installations and for updating existing systems.

SCOPRI LE TANTE BUONE RAGIONI PER PREFERIRE SIDE S.P.A. - DISCOVER THE MANY GOOD REASONS TO PREFER SIDE S.P.A.



Prodotti custom

Custom products

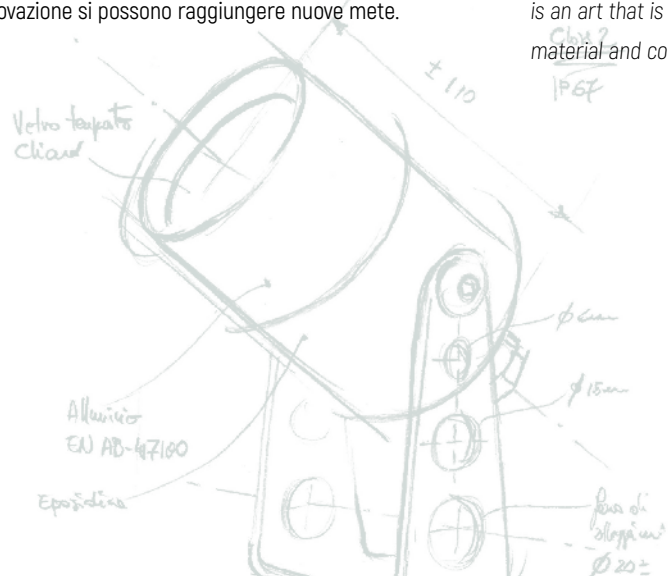


Realizziamo progetti con passione, innovazione e 40 anni di conoscenza alle spalle

Rendiamo concreti i progetti dei clienti. Per SIDE S.P.A. quarantuno anni di attività, oltre che essere una meta di cui essere orgogliosi, sono anche un lascito di conoscenze di cui siamo fieri; per noi produrre apparecchi tecnici per interni, esterni di qualità è un'arte che si tramanda e solo con la profonda conoscenza del materiale e con la continua innovazione si possono raggiungere nuove mete.

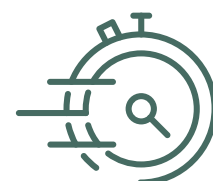
We carry out projects with passion, innovation and 40 years of knowledge behind us

We make our customer's projects become true.
For SIDE S.P.A., the forty-one years of activity, as well as being a destination to be proud of, are also a legacy of knowledge of which we are proud.
For us, producing quality technical luminaires for indoor and outdoor is an art that is handed down and only with a deep knowledge of the material and continuous innovation can new goals be achieved.



Consegna veloce

Fast delivery

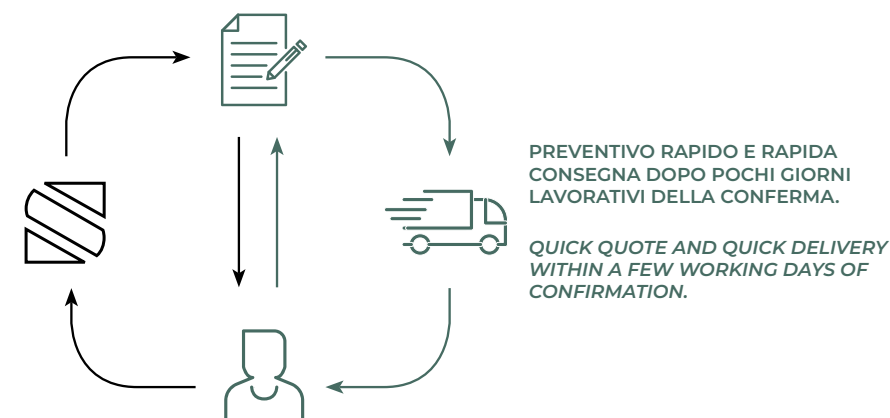


Servizio rapido e consegna veloce sono il nostro punto di forza

Il tempo dei clienti per SIDE S.P.A. è molto importante. Ha sempre ritenuto fondamentale offrire un servizio rapido e preciso come un mercato internazionale richiede a qualsiasi azienda ben organizzata e un suo punto di forza risiede proprio in questa fase lavorativa: preventivo rapido e rapida consegna per tutti i prodotti a magazzino dopo pochi giorni lavorativi dalla conferma.

Fast service and fast delivery are our strength

Customer time for SIDE S.P.A. is very important. The company has always considered essential to offer a quick and precise service as an international market requires of any well-organized company. One of our strengths lies precisely in this working phase: quick estimate and rapid delivery for all products in stock after a few working days from confirmation .



Certificati di qualità Certified quality

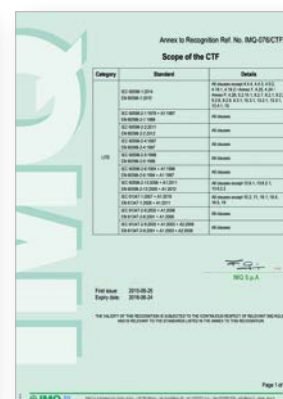


Certificazioni di Qualità per un'Illuminazione Innovativa e Affidabile

SIDE S.p.A., leader nel settore dell'illuminazione, si distingue per la massima qualità dei suoi prodotti e possiede importanti certificazioni. Conformità UNI EN ISO 9001:2000, Philips Licensing Program, EAC, CSA US, CUL US, GOST attestano l'affidabilità dei prodotti per i mercati mondiali. La gamma completa di apparecchiature e accessori di illuminazione è sviluppata e prodotta internamente, garantendo il controllo di qualità e la prontezza nel soddisfare le esigenze dei clienti.

Quality Certifications for Innovative and Reliable Lighting

SIDE S.p.A., leader in the lighting sector, stands out for the maximum quality of its products and has important certifications. Compliance UNI EN ISO 9001:2000, EAC, CSA US, CUL US, GOST, ENEC03. certify the reliability of the products for the world markets. The full range of lighting fixtures and accessories are developed and manufactured in-house, ensuring quality control and promptness in meeting customer needs.



UNI EN ISO 9001:2000

La certificazione dei sistemi di gestione è un riconoscimento delle capacità imprenditoriali e una garanzia di affidabilità. CSQ identifica la conformità del Sistema di Gestione per la Qualità alle normative UNI EN ISO 9001:2000.

The certification of management systems is a recognition of entrepreneurial skills and a guarantee of reliability. CSQ identifies the compliance of the Quality Management System with the UNI EN ISO 9001:2000 standards.



CSQ

La certificazione dei sistemi di gestione è il riconoscimento delle capacità imprenditoriali di un'azienda che ha saputo ottimizzare la propria organizzazione dotandosi di una gestione efficiente di competenze adeguate e di strumenti idonei (come, ad esempio, indicatori di performance). È l'evidenza di una cultura lavorativa, condivisa da tutta l'azienda, improntata alla professionalità. È la conferma di una struttura affidabile che garantisce la riproducibilità delle sue performance e il miglioramento del suo standard qualitativo nel tempo. È una garanzia di affidabilità per clienti, fornitori, ma anche dipendenti e collaboratori, tanto più valida tanto più è prestigioso l'organismo che ha rilasciato la certificazione.

The certification of management systems is the recognition of the entrepreneurial skills of a company that has been able to optimize its own organisation by equipping with an efficient skills management system and of necessary control tools (such as, for example performance indicators). It is evidence of a working culture shared by the entire company based on professionalism. It is the confirmation of a reliable structure that guarantees the reproducibility of its performance and the improvement of its qualitative standards over time. It is a guarantee of reliability for customers, suppliers, but also employees and collaborators, of more value the more prestigious is the certification body issuing it.



EAC (Eurasian Certification)

Le esportazioni dei beni verso la Russia, Kazakistan, Bielorussia, i paesi che nel 2010 si sono costituiti nella cosiddetta Unione Doganale Eurasiatica, devono rispondere ai requisiti dei nuovi Regolamenti tecnici, che definiscono gli standard di sicurezza dei prodotti per ottenere la certificazione EAC (Eurasian Certification).

Exports of goods to Russia, Kazakhstan, Belarus, the countries which formed the so-called Eurasian Customs Union in 2010, must meet the requirements of the new Technical Regulations, which define the product safety standards to obtain EAC (Eurasian Certification).



CSAUS - CULUS

Su articoli selezionati disponibili per il mercato canadese e USA. On selected items available for the Canadian and US market.



IQNET

IQNet è una rete globale di organismi di certificazione che valutano i sistemi di gestione in ambito qualità, ambiente, sicurezza e responsabilità sociale. Con 38 organismi di certificazione presenti in oltre 150 paesi e oltre 350.000 certificati emessi, IQNet mira a promuovere l'immagine internazionale dei suoi membri, riconosciuti come leader nel settore per la loro reputazione, credibilità e capacità di fornire servizi di certificazione a livello globale.

IQNet is a global network of certification bodies that evaluate management systems in the fields of quality, environment, safety and social responsibility. With 38 certification bodies present in over 150 countries and over 350,000 certificates issued, IQNet aims to promote the international image of its members, recognized as leaders in the sector for their reputation, credibility and ability to provide certification services globally.

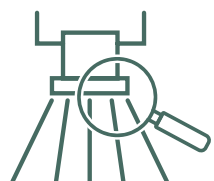


ECOVADIS

La certificazione ecovadis è una delle più importanti piattaforme di rating della ecosostenibilità. Permette alle aziende di monitorare le performance di sostenibilità dei propri fornitori, gestire i rischi ed inserire le eco-innovazioni nelle loro catene logistiche globali.

The Ecovadis certification is one of the most important eco-sustainability rating platforms. It enables companies to monitor the sustainability performances of suppliers, manage risks and integrate eco-innovations into their global supply chains.

Test



Misurazioni precise e test affidabili per progetti illuminotecnici

Strumenti tecnologici come i goniofotometri vengono utilizzati da SIDE S.P.A. per misurare le grandezze luminose (flusso luminoso, intensità luminosa, fascio di apertura luminosa) emesse dagli apparecchi d'illuminazione e per valutarne la distribuzione nello spazio. Mediante questa apparecchiatura si ottengono files che permettono ai progettisti di effettuare simulazioni sui progetti in sviluppo. I dati fotometrici sono poi raccolti e rielaborati in forma grafica come tabella, grafico su coordinate cartesiane e diagramma polare. SIDE S.P.A. dispone inoltre di una camera di nebbia salina che consente di testare la resistenza dello stato di verniciatura alle corrosioni anche in ambienti con condizioni particolari.

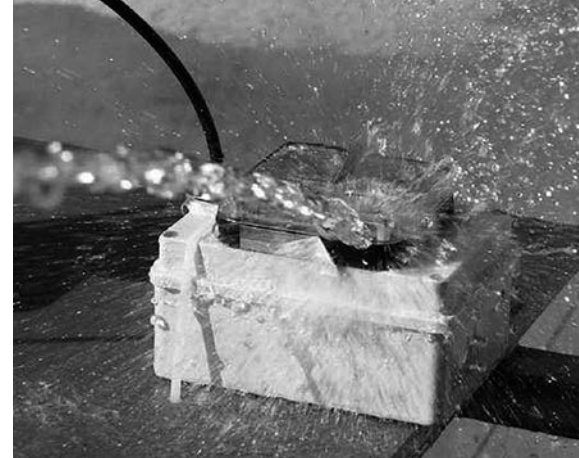
Technological instruments such as goniophotometers are used by SIDE S.P.A. to measure the luminous quantities (luminous flux, luminous intensity, beam angle) emitted by luminaires and to evaluate their distribution in space. This equipment allows to obtain files which allow designers to carry out simulations on projects under development. The photometric data is then collected and processed in graphical form such as a table, a graphic on Cartesian coordinates and a polar diagram. SIDE S.P.A. it also has a saline mist chamber which allows the resistance of the paint layer to corrosion to be tested even for environments with particular conditions.

PROVA DI RESISTENZA ALLA CORROSIONE DELLA VERNICE CON CAMERA A NEBBIA SALINA

La prova di nebbia salina è un test che produce un attacco corrosivo accelerato, il quale consente di testare la resistenza dello stato di verniciatura alle corrosioni anche in ambienti con condizioni particolari.

PAINT CORROSION TESTING IN A SALINE MIST CHAMBER

The salt spray test is a test that produces an accelerated corrosive attack, which allows the resistance of the paint layer to corrosion to be tested even for installation in environments with particular conditions.



PROVA GRADO DI PROTEZIONE IP

I Laboratorio per prove IP (Ingress Protection) I test classifica e valuta il grado di protezione IP, testando gli apparecchi contro l'intrusione di particelle solide (quali partidel corpo e polvere) e l'accesso di liquidi.

IP PROTECTION DEGREE TEST

IP Testing Laboratory (Ingress Protection)

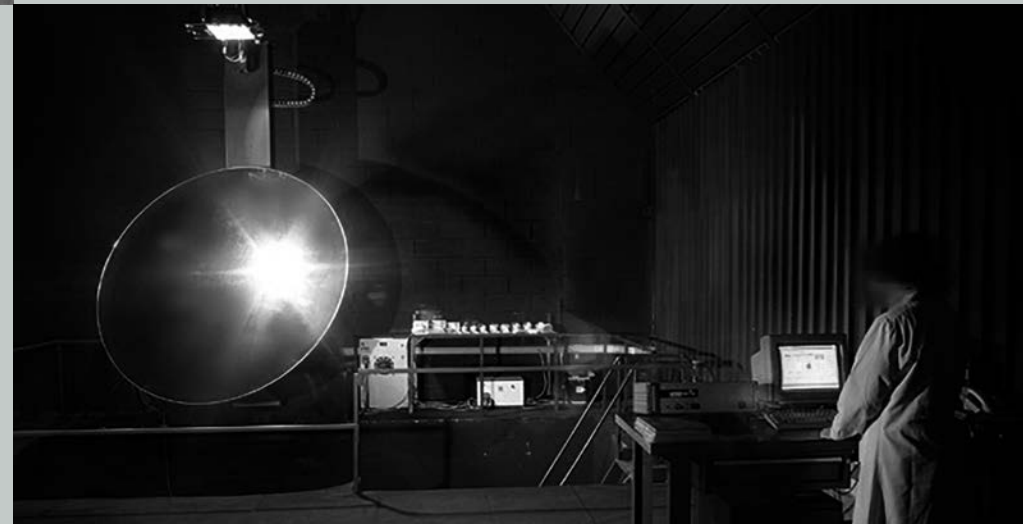
The test classifies and evaluates the degree of IP protection, testing the fixtures against the intrusion of solid particles (such as particles and dust) and the access of liquids.

TEST DI RIGIDITA' DIELETTICA

Ogni nostro apparecchio una volta assemblato viene collaudato con prove di sicurezza, la prova di rigidità è molto significativa e ha lo scopo di sollecitare dal punto di vista elettrico l'isolamento tra i conduttori di rete.

DIELECTRIC STRENGTH TEST

Once assembled, each one of our devices undergoes safety tests, the rigidity test is highly significant and has the purpose of stressing the insulation between the mains conductors from an electrical point of view.



FOTOMETRIE RILEVATE CON GONIOFOTOMETRO

Strumenti tecnologici come il goniofotometro vengono utilizzati per misurare le grandezze luminose (flusso luminoso, intensità luminosa, fascio di apertura luminosa) emesse dagli apparecchi d'illuminazione e per valutarne la distribuzione nello spazio. Mediante questa apparecchiatura si otengono files che permetono ai progettisti di effettuare simulazioni sui progetti in sviluppo. I dati fotometrici sono poi raccolti e rielaborati in forma grafica come tabella, grafico su coordinate cartesiane e diagramma polare.

PHOTOMETRICS MEASUREMENTS CARRIED OUT WITH A GONIOPHOTOMETER

Technological instruments such as the goniophotometer are used to measure the luminous details (luminous flux, intensity, beam angle) of lighting fixtures and to evaluate their distribution in space. Using this equipment, files are obtained which allow the light designer to carry out simulations on the projects under development.

The photometric data are then collected and reprocessed also in graphical form such as table, Cartesian coordinate graphic and polar diagram.



PROVA TERMICHE DI INVECCHIAMENTO TRAMITE LA CAMERA CLIMATICA

La camera climatizzata permette di effettuare prove termiche di esercizio degli apparecchi e prove di durata. Il principio di funzionamento può essere spiegato partendo dalle due grandezze controllate dalla camera climatica, temperatura e umidità.

THERMAL AGING TEST THROUGH THE CLIMATIC CHAMBER

The climatized chamber allows you to carry out thermal tests of the equipment and duration tests. The operating principle is based on the two quantities controlled by the climatic chamber, temperature and humidity.



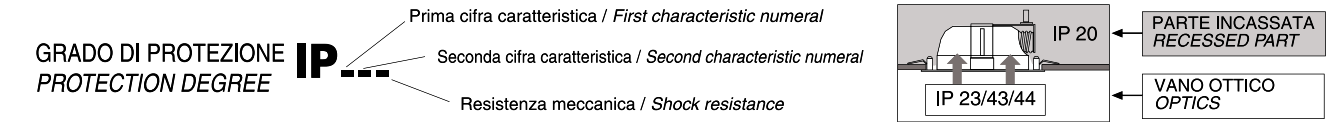


	CODICE - CODE	FORO PASSAGGIO DRIVER DRIVER RECESSING HOLE	IP	POTENZA - POWER (min-max W)	TENSIONE ENTRATA INLET TENSION	I OUT dc	V OUT dc
ON-OFF	644758	40mm	IP20	8W	100-240V	350mA	2 ÷ 32V
	644758-5	40mm	IP20	6W	110-240V	500mA	2 ÷ 12V
	644759-1	40mm	IP20	15W	120-240V	350mA	2 ÷ 41V
	644936	45mm	IP20	21W	220-240V	700mA	36V
	644940	52mm	IP20	12W	110-240V	700mA	17V
	645086	45mm	IP20	20W	220-240V	500mA	2.5 ÷ 42V
	645469	60mm	IP20	20W	90-264V	12Vdc	12V
	645496	50mm	IP20	10W	220-240V	24Vdc	24V
	645732	52mm	IP20	42W	220-240V	150 ÷ 1050mA	2.5 ÷ 42V
	646098	42mm	IP20	8W	220-240V	350mA	2 ÷ 22V
	646166 MULTICORRENTE	90mm	IP20	27 ÷ 50W	220-240V	350 ÷ 1050mA	10 ÷ 78V
	646209	44mm	IP20	6W	220-240V	140mA	15 ÷ 40V
	646518	65mm	IP20	5 ÷ 20V	220-240V	100 ÷ 380mA	59V
	644936-67	80mm	IP67	27W	220-240V	700mA	42V
	644940-67	42mm	IP67	14W	110-240V	700mA	3 ÷ 20V
	645177	-	IP67	150W	220-240V	-	24V
	645544		IP67	60W		12Vdc	12V
	645626-1	44mm	IP67	20W	220-240V	500mA	28 ÷ 56V
	645746		IP67	120W		12Vdc	12V
	646258-67	44mm	IP67	13W	220-240V	350mA	15 ÷ 38V
	646364	42mm	IP67	14W	230-240V	350mA	3 ÷ 40V
	646373	-	IP67	480W	220-240V	-	24V
	646397	44mm	IP67	6W	220-240V	150mA	2 ÷ 40V
	646760	30mm	IP67	4W	220-240V	350mA	2 ÷ 12V

	CODICE - CODE	FORO PASSAGGIO DRIVER DRIVER RECESSING HOLE	IP	POTENZA - POWER (min-max W)	TENSIONE ENTRATA INLET TENSION	I OUT dc	V OUT dc
DALI	645939	52mm	IP20	7 ÷ 26W	220-240V	150 ÷ 700mA	9 ÷ 38V

GRADO DI PROTEZIONE - PROTECTION DEGREE

COLORI SORGENTI LUMINOSE LED - LED LIGHTING SOURCE COLORS



PRIMA CIFRA - <i>FIRST NUMERAL</i>			SECONDA CIFRA - <i>SECOND NUMERAL</i>			RESISTENZA AGLI URTI MECCANICI <i>SHOCK RESISTANCE</i>		
PROTEZIONE CONTRO LA PENETRAZIONE DI CORPI SOLIDI <i>PROTECTION AGAINST PENETRATION OF SOLID OBJECTS</i>			PROTEZIONE CONTRO LA PENETRAZIONE DI CORPI LIQUIDI <i>PROTECTION AGAINST PENETRATION OF WATER</i>					
0		Non protetto <i>Non protected</i>	0	—	Non protetto <i>Not protected</i>	0	Non protetto <i>Not protected</i>	Peso <i>Weight</i> h. caduta <i>h. fall down</i>
1	—	Protetto contro corpi solidi sup. a 50 mm <i>Protected against solid objects greater than 50 mm</i>	1		Protetto contro la caduta verticale di gocce d'acqua <i>Protected against dripping water</i>	1	Energia d'urto <i>Shock resistance</i>	0,025 joule 150 g 15 cm
2	—	Protetto contro corpi solidi sup. a 12 mm <i>Protected against solid objects greater than 12 mm</i>	2	—	Protetto contro la caduta di gocce d'acqua con involucro inclinato max di 15° <i>Protected against dripping water when tilted up to 15°</i>	2	—	
3	—	A prova di penetrazione di sonda con Ø 2,5 mm <i>Protected against solid objects with Ø 2,5 mm</i>	3		Protetto contro la pioggia <i>Protected against spraying water</i>	3	Energia d'urto <i>Shock resistance</i>	0,5 joule 250 g 15 cm
4	—	A prova di penetrazione di sonda con Ø 1 mm <i>Protected against solid objects with Ø 1 mm</i>	4		Protetto contro spruzzi d'acqua <i>Protected against splashing</i>	4	—	
5		Protetto contro la polvere / <i>Dust- protected</i>	5		Protetto contro i getti d'acqua <i>Protected against water jets</i>	5	Energia d'urto <i>Shock resistance</i>	2 joule 500 g 40 cm
6		Stagno alla polvere / <i>Dust- tight</i>	6	—	Protetto contro le ondate <i>Protected against heavy seas</i>	6	—	
			7		Stagno all'immersione <i>Protected against the effects of immersion</i>	7	Energia d'urto <i>Shock resistance</i>	6 joule 1500 g 40 cm
			8		— m Stagno alla sommersione <i>Protected against submersion</i>	8	—	
						9	Energia d'urto <i>Shock resistance</i>	20 joule 5000 g 40 cm

GRADO DI PROTEZIONE DEGLI INVOLUCRI PER APPARECCHIATURE ELETTRICHE CONTRO IMPATTI MECCANICI ESTERNI (CODICE IK)
DEGREES OF PROTECTION PROVIDED BY ENCLOSURES FOR ELECTRICAL EQUIPMENT AGAINST EXTERNAL MECHANICAL IMPACTS (IK CODE)

RELAZIONE TRA IL CODICE IK E L'ENERGIA D'IMPATTO / RELATION BETWEEN IK CODE AND IMPACT ENERGY												
CODICE IK IK CODE	IK00	IK01	IK02	IK03	IK04	IK05	IK06	IK07	IK08	IK09	IK10	
ENERGIA DI IMPATTO IN JOULE IMPACT ENERGY JOULE	*	0,15	0,2	0,35	0,5	0,7	1	2	5	10	20	
* NON PROTETTO SECONDO LA PRESENTE NORMA / NOT PROTECTED ACCORDING TO THIS STANDARD												

ALTEZZA DI CADUTA / HEIGHT OF FALL

ENERGIA ENERGY	J	0,14	0,2		(0,3)	0,35	(0,4)	0,5		0,7	1	2	5	10	20
MASSA EQUIVALENTE EQUIVALENT MASS	Kg	0,25	(0,2)	0,25	(0,2)	0,25	(0,2)	(0,2)	0,25	0,25	0,25	0,5	1,7	5	5
ALTEZZA DI CADUTA HEIGHT OF FALL	mm ± 1%	56	(100)	80	(150)	140	(200)	(250)	200	280	400	400	300	200	400

COMPOSTO CHIMICO - CHEMICAL AGENT	PMMA	PC	PA	PVC	AL	AISI
Acetone - Acetone	☹️	😬	😬	😬	😊	😊
Acido arsenico al 20% - Arsenic acid 20%	😊	😊		😊	☹️	😬
Acido citrico al 20% - Citric acid 20%	😊	😊	😊	😊	😬	😬
Acido acetico al 10% - Acetic acid 10%	😊	😊	☹️	😊	☹️	😬
Acido cloridrico - Hydrochlorichacid	😊	😊	☹️	😊	☹️	☹️
Acido cromico - Chromic acid	😬	😬	😬	😊	😬	😬
Acido formico fino al 30% - Formic acid up to 30%	😬	😬	😊	😊	☹️	😬
Acido nitrico al 20% - Nitric acid 20%	😬	😬	☹️	😊	☹️	☹️
Acido solforico fino al 30% - Sulphuric acid up to 30%	😊	😊	☹️	😊	☹️	☹️
Acqua di mare - Sea water	😊	😊	😬	😬	😬	😊
Alcool etilico - Ethyl alcohol	☹️	😊	😊	😊	😊	😊
Alcool isopropilico - Isopropyl alcohol	😬	☹️	😊		😬	😊
Anilina - Aniline	☹️	☹️	😬	☹️	😊	😊
Ammoniaca - Ammonia	😊	☹️	😊	😬	😊	😬
Benzina - Petrol	😊	😊	😊	😊	😊	😊
Benzina super - High octane petrol	😊	☹️	☹️	😬	😊	😊
Benzolo - Benzol	☹️	☹️	😬	☹️	😬	😊
Bevande alcoliche - Alcoholic beverages	😊	😊	😊	😊	😊	😊
Bromo - Bromine	☹️	😬		☹️	😬	😊
Calce bianca - White lime	😬	😬	☹️	☹️	☹️	😊
Carburanti diesel - Diesel petrol	😬	😬	😬	😊	😊	😊
Clima marino - Sea atmosphere	😊	😊	😊	😊	😬	😬
Cloroformio - Chloroform	☹️	☹️	😬	😬	😊	😊
Cloro liquido (vapori) - Liquid chlorine (vapors)	☹️	☹️		☹️	😊	☹️
Cloruro di calcio - Calcium chloride	😊	😊	😊	😊	😊	😬
Cloruro di ferro - Iron chloride	😊	😬	😊	😊	😬	😬
Esano- Hexane	😊	😬	😊	😊	😊	😊

COMPOSTO CHIMICO - CHEMICAL AGENT	PMMA	PC	PA	PVC	AL	AISI
Etiletere - Ethylether	😊	☹️	😊	☹️	😊	😊
Fenoli - Phenol	☹️	☹️	☹️		😬	😊
Glicerina - Glycerine	😊	😬	😊	😊	😊	😊
Idrocarburi - Hydrocarbons	😬	☹️			😊	😊
Metanolo - Methanol	☹️	☹️	😬	😊	😬	😊
Oli minerali - Mineral oils	😊	☹️	😊	😊	😊	😊
Olio di silicone - Silicone oil	😬	😊	😊	😊	😊	😊
Olio diesel-nafta - Diesel oil- naphtha	😊	😬	😊	😊	😊	😊
Olio e grassi alimentari - Food fat-oil	😊	😬	😊	😊	😊	😊
Ozono - Ozone	😊	😬	☹️	😬	😊	😬
Permanganato di potassio - Potassium permanganate	😊	😊	😊	😊	😬	😊
PVC con plastificanti - PVC with plasticizers	☹️				😊	😊
Soda - Soda	😊	☹️	😊	😊	☹️	☹️
Solfato acquoso di zinco - Watery zinc sulphate	😊	😊	😊	😊	😊	😊
Solfato di alluminio - Aluminium sulphate	😊	😊	😊	😊	😊	😊
Solfato di rame - Copper sulphate	😊	😊	😊	😊	😊	😬
Tetracloruro di carbonio - Carbon tetrachloride	☹️	☹️	😊	☹️	😊	😊
Toluolo - Toluol	☹️	😬	😬	☹️	😊	😊
Tricloroetilene - Trichlorinethylene	☹️	☹️	😊		😊	😊

LEGENDA - LEGEND

- PMMA
polimetilmetacrilato - polymethylmethacrylate
- PC
policarbonato -polycarbonate
- PA
poliammide -polyamide
- PVC
cloruro di polivinile - polyvinyl chloride
- AL
alluminio - aluminium
- AISI
acciaio inossidabile - stainless steel
- 😊
resiste - resistant
- 😬
resiste relativamente - slight resistant
- ☹️
non resiste - not resistant

Attenzione: i prodotti chimici della tabella sono una minima parte di quelli esistenti nelle diverse composizioni. Verificare la compatibilità tra i materiali componenti e l'ambiente d'installazione. Possono esserci delle variazioni nella compatibilità tra materiale e prodotto chimico in funzione della concentrazione e della temperatura.

Attention: the chemicals listed in the table are just a few of those which exist in various compositions. Check the compatibility between the material of the lighting fittings and the environment in which they have to be installed. There may be variations in the compatibility between the material and the chemical according to its concentration and temperature.

W	Potenza max lampada - Max lamp watt
V	Tensione/corrente nominale di alimentazione - Nominal supply voltage/current
K	Temperatura di colore - Color temperature
LM	Lumen (flusso luminoso) - Lumen (luminous flux)
CRI	Resa cromatica - Color rendering index
T	Temperatura di contatto: Ta (temperatura ambiente) = 25°C (per installazioni all'esterno Ta = 15°C) Surface temperature: Ta (ambient temperature) = 25°C (for outdoor installation Ta = 15°C)
	Fornito con sorgente luminosa, con alimentatore remoto Supplied with lighting source, with remote driver
	Fornito con sorgente luminosa, con alimentatore integrato Supplied with lighting source, with built-in driver
	Apparecchio in Classe I con terminale di messa a terra - Class I luminaire with earth terminal block
	Apparecchio in Classe II - Class II luminaire
	Apparecchio in Classe III - Class III luminaire
	Apparecchio che può essere installato su superfici infiammabili Luminaire which can be mounted on inflammable surfaces
	Accenditore esterno - External ignitor
	Alimentatore installabile su mobili con caratteristiche d'infiammabilità non conosciute Ballast can be installed on furniture with features of flash unknown
	Marchi di qualità - Quality marks
	Calpestabilità - Walk on
	Carrabilità - Drive on
	Contro l'inquinamento luminoso - Against light pollution
	Rotazione asse verticale - Vertical axis rotation
	Rotazione-movimento asse orizzontale - Horizontal axis rotation-adjustability
	Orientamento - Orientation
	Dimensioni fori d'incasso in mm. - Cut-out dimensions in mm.
	Distanza minima tra lampada e oggetto illuminato Minimum distance between lamp and lightened object
	Apparecchi non idonei ad essere ricoperti da materiale termicamente isolante Luminaires not suitable for covering with thermally insulating material
	Spessore del controsoffitto - Thickness of false-ceiling
... (h) L. B..	Valori di vita dei moduli Led - Life value of Led module
_SDCM	Deviazione standard della corrispondenza colore - Standard deviation of colour matching
	Cavo di alimentazione per collegamento elettrico - Power cable for electrical connection
	Filo incandescente a 850° C - Glowing wire 850° C
	Gruppo di rischio fotobiologico - (rischio esente) - Photobiological risks group (risk free)
	Flicker free: Effetto di flickering minore o uguale al 3% - Flickering less or equal 3%
	Valore UGR con interdistanza di default 0,25 (tabelle CIE dell'indice unificato di abbagliamento) UGR value with default inter distance 0.25 (dazzle unified index CIE tables)
Se	Solo emergenza - Emergency only
Sa	Sempre acceso - Always on
	Tecnologia RGB - RGB technology
	Anticorrosione per tutti gli apparecchi da esterno (1000 ore in nebbia salina secondo norma CEI EN 60068-2-11) Anti-corrosion for all outdoor fittings (1000 hours in salt spray according to standard CEI EN 60068-2-11)
	Adatto per installazioni in acqua fino a 3 m. di profondità Suitable for underwater applications max depth 3 m.
	Apparecchio con tecnologia DIMMERABILE Luminaire with DIMMABLE technology
	Equipped con alimentazione di EMERGENZA Equipped with EMERGENCY power supply
	Tecnologia per ALIMENTI FOOD technology
	Tecnologia CASAMBI CASAMBI technology
	Senza emissione di luce verso l'alto No upward light emissions

VALORI DI VITA DEI MODULI LED
LIFE VALUE OF LED MODULE

valore "L" definisce la percentuale di flusso luminoso del modulo LED rispetto a quello iniziale in funzione delle ore di funzionamento utili (50000).

valore "B" definisce la quantità in percentuale di moduli LED che sono al di sotto dello specifico valore L ovvero che NON mantengono il flusso dichiarato.

es. **50000 (h) L90 B10** significa che dopo le ore di funzionamento indicate il 10% dei moduli hanno un flusso luminoso inferiore al 90% di quello iniziale.

Value L: it defines the percentage of luminous flux of the LED module with respect of the initial one in function of the operating hours (50000)

Value B: it defines the percentage of LED modules that are below the specific value L, and that don't maintain the declared flux.

I.e. **50000 (h) L90 B10** means that, after the indicated operating hours, 10% of the modules have the luminous flux lower than 90% of the beginning one.

GRUPPI DI RISCHIO - RISK GROUPS



L'illuminazione a LED è classificata secondo la norma IEC/TR 62778.
Gli apparecchi SIDE rientrano nella categoria "Exempt Group" (assenza di pericoli legati all'infrarosso, alla luce blu e alla radiazione UV) garantendo il rispetto dei requisiti di sicurezza imposti dalla norma stessa (gruppo di rischio 0-1).

The LED lighting is classified according to the IEC/TR 62778 standard.
SIDE appliances belong to the category of "Exempt Group" (absence of dangers of infrared, blue light and UV radiation) ensuring the compliance with the safety regulations imposed by the above specification (risk group 0-1).

0 **ESENTE** nessun rischio fotobiologico.
FREE no photobiological risk.

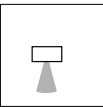
1 **RISCHIO BASSO** nessun rischio fotobiologico nelle normali condizioni di impiego.
LOW RISK no photobiological hazard under normal conditions of use.

2 **RISCHIO MODERATO** non presenta rischio in condizioni di riflesso naturale di avversione alla luce o effetti termici.
MODERATE RISK it has no risk in case of natural reflex, light aversion or thermic effects.

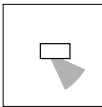
COLORI SORGENTI LUMINOSE LED - LED LIGHTING SOURCE COLORS

- **LBC** LED Bianco caldo - Warm white LED (3000K)
- **LBN** LED Bianco neutro - Neutral white LED (4000K)
- **LBI** LED Bianco freddo - Cool white LED (6000K)
- **LBL** LED Blu - Blue LED
- **RGB** Multicolore - Multicolor

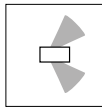
FASCI LUMINOSI - LIGHT BEAMS



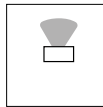
SIMMETRICO
SYMMETRICAL



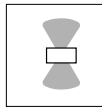
ASIMMETRICO
ASYMMETRICAL



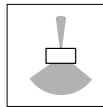
BIDIREZIONALE ASIMMETRICO
BIDIRECTIONAL ASYMMETRICAL



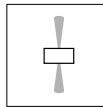
MONODIREZIONALE
MONODIRECTIONAL



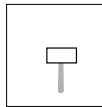
BIDIREZIONALE
BIDIRECTIONAL



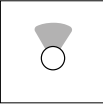
FASCIO STRETTO-LARGO
NARROW-WIDE BEAM



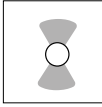
2 FASCI STRETTI
2 NARROW BEAMS



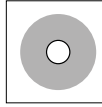
LAMA DI LUCE
BLADE OF LIGHT



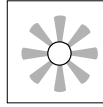
MONODIREZIONALE
MONODIRECTIONAL



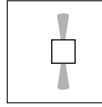
BIDIREZIONALE
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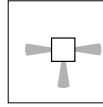
OMNIDIREZIONALE
OMNIDIRECTIONAL



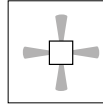
RADIALE
RADIAL



2 FASCI
2 BEAM



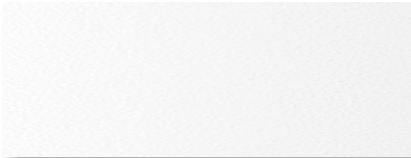
3 FASCI
3 BEAM



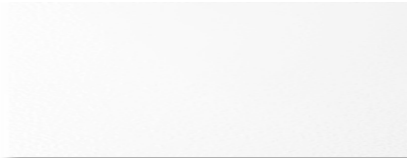
4 FASCI
4 BEAM

Non ci assumiamo responsabilità per errori di stampa. La società si riserva il diritto di apportare modifiche sui prodotti qui illustrati, in qualsiasi momento, senza preavviso.
We are not responsible for printing errors. The company reserves the right to amend all products herein detailed, any time without prior notice.

COLORI STANDARD - STANDARD COLORS



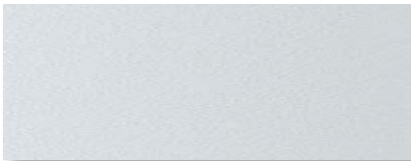
BR
RAL9010
Bianco raggrinzante - Rought white



BI
RAL9010
Bianco - White



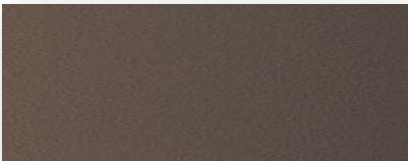
NE
RAL 9005
Nero - Black



GA-GR
RAL 9006
Grigio raggrinzante - Rough grey



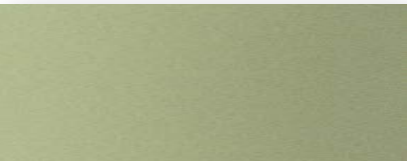
GRA
RAL 7016
Grigio Antracite - Grey anthracite



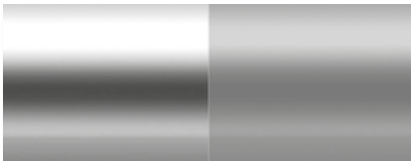
BW
Marrone - Brown
AKZO NOBEL SAP 19805 SW 208G



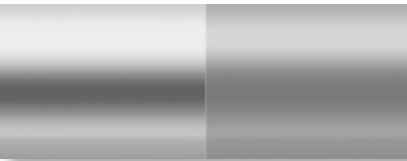
CO
CORTEN
Ruggine - Rusty
AKZO NOBEL YX355F



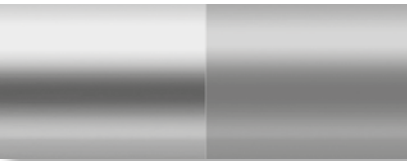
VE
RAL 6013
Verde - Green



CR
Cromato - Chrome



CM
Cromo - Matt chrome



ALL
Alluminio - Aluminium



ALS
Alluminio satinato
Satin aluminium



INOX
Acciaio Inox - Stainless steel Inox

I colori riportati sono indicativi e possono variare rispetto al prodotto reale - The colors shown are indicative and may vary from the actual product

PERSONALIZZAZIONE - CUSTOMIZATION



SIDE realizza le proprie linee di prodotto con 3 colorazioni standard: bianco, nero e grigio. Oltre a questi colori è possibile personalizzare i nostri prodotti con colorazioni dedicate in base alle diverse esigenze estetiche e progettuali. Grazie ai nostri processi di verniciatura con polveri epossidiche, siamo in grado di offrire una gamma colore che comprende tutti i codici della tabella RAL con una semplice richiesta scritta. SIDE, produce anche binari elettrificati verniciabili con i medesimi codici RAL.

SIDE realizes its lines of products in 3 standard colors: white, black and grey. Beside these colors, it is possible to customize our products according to the esthetical and design requests. Thanks to our painting processes with epoxy powders, we can offer a range of colors that includes all the codes of the RAL table, with a simple written request. SIDE produces also electrified rails that can be painted with the same RAL codes.

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SIDE Roma
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+39 039 2449001
side.roma@sidespa.it

Art. 1. Prodotti	
1.1	SIDE S.p.A. si riserva la facoltà di apportare, in qualunque momento e senza preavviso, modifiche nella costruzione degli apparecchi luminosi e degli accessori.
Art. 2. Dichiarazioni dell'acquirente	
2.1	Ai fini di quanto previsto dall'alt. 25 della Legge 06-02-1996 n° 52 di recepimento della direttiva CE n° 93-1993, relativa alle clausole vessatorie, l'acquirente dichiara che provvederà all'acquisto dei prodotti SIDE S.p.A. agendo esclusivamente per fini che rientrano nella sua specifica attività professionale imprenditoriale e quindi dichiara di essere a conoscenza dei prodotti, servizi e prezzi offerti al momento della consegna.
Art. 3. Consegna	
3.1	Il termine di consegna fissato convenzionalmente è soltanto indicativo e decorre, dall'invio da parte di SIDE S.p.A., della conferma d'ordine a condizione che l'acquirente abbia fornito tutti i dati tecnici e tutti i documenti necessari, abbia adempiuto a tutte le obbligazioni contrattuali ed abbia versato l'acconto eventualmente richiesto. La consegna, così come previsto dall'art. 13.1, si intende effettuata alla data di partenza franco spedizioniere.
3.2	SIDE S.p.A. produce e fornisce i prodotti su commessa senza vincolo di osservanza di termini di consegna tassativi. I termini di consegna pattuiti al momento degli ordini hanno valore puramente indicativo e gli eventuali ritardi non danno all'acquirente il diritto di chiedere l'annullamento, la rescissione o la risoluzione del contratto, né di rifiutare la merce, né di reclamare il risarcimento dei danni, salva preventiva diffida ad adempiere ai sensi e per gli effetti dell'alt. 1454 c.c.
3.3	SIDE S.p.A. è liberata da ogni impegno e responsabilità relativo al termine di consegna e si riserva di risolvere il contratto, senza riconoscere danno alcuno, indennizzo, risarcimento all'acquirente, in caso di forza maggiore e di eventi al di fuori del ragionevole controllo di SIDE S.p.A. quali, a mero titolo esemplificativo e non esaustivo, lockout, epidemie, guerre, requisizioni, fuoco, incendi alle attrezzature, atti di nemici pubblici, sabotaggio, tumulti o sommosse civili, scioperi, serrate, controversie di lavoro, riduzione e-o interruzione totale o parziale dell'attività di SIDE S.p.A., embarghi o ritardi nei trasporti, mancanza o carenza di materiali, di fornitori o equipaggiamenti, inadempienze di fornitori, atti o regolamenti o provvedimenti di qualsiasi governo, sue branche o agenzie. SIDE S.p.A. informerà l'acquirente dei fatti ed avvenimenti sopra elencati.
Art. 4. Contestazioni	
4.1	Il Foro di Monza è esclusivamente competente a decidere qualunque controversia dovesse insorgere tra le parti e in particolare quelle relative alle trattative contrattuali, alla conclusione, esecuzione, interpretazione, o risoluzione di tutti i contratti intervenuti ed alla relativa garanzia.
Art. 5. Esecuzioni speciali	
5.1	È possibile ottenere colori fuori standard ed esecuzioni speciali in alcune serie di prodotti. Il prezzo, le quantità minime dei prodotti e i tempi di consegna verranno concordati su richiesta.
Art. 6. Garanzia	
6.1	Ogni apparecchio viene garantito integralmente per la durata di 5 anni con decorrenza dalla data di consegna del prodotto.
6.2	Sono esclusi dalla garanzia tutti i guasti dovuti a cause di forza maggiore (fulmine, incendio, etc.) nonché tutti i danni causati da un uso improprio dell'apparecchiatura. Sono altresì escluse dalla garanzia le batterie e gli accumulatori.
6.3	LA GARANZIA DECADE INDEROGABILMENTE IN CASO DI MANOMISSIONI DEGLI APPARECCHI DA PARTE DI PERSONE O TECNICI NON ESPRESSAMENTE AUTORIZZATI DALLA SIDE S.p.A.
6.4	• Temperatura massima ambiente notturno ad apparecchio acceso non superiore a 50°C; • Temperatura minima ambiente notturno ad apparecchio acceso non inferiore a -20°C; • Temperatura massima ambiente diurno ad apparecchio spento non superiore a 60°C.
6.5	Per l'estensione della garanzia a 5 anni, inviare la copia fattura di acquisto entro 20 giorni lavorativi dell'installazione alla mail: sales@sidespa.it e attendere la documentazione di estensione garanzia, con relativo numero di pratica. GARANZIA 5 ANNI: • Prodotti a LED; • Sistemi di controllo; • Apparecchi di illuminazione di emergenza. GARANZIA 2 ANNI: • Sistemi di illuminazione di emergenza centralizzati. GARANZIA 1 ANNI: • Prodotti non a LED; • Ricambi.
6.6	SIDE S.P.A in qualità di produttore, utilizza per i suoi prodotti, sorgenti LED con ridotta emissione di raggi UV e raggi IR. SIDE S.P.A non è responsabile per eventuali alterazioni o danni a tessuti ed in generale per difettosità riscontrate su merce in esposizione se, il computo illuminotecnico NON è stato eseguito da nostro personale qualificato e/o studio autorizzato per la valutazione illuminotecnica del fascio luminoso e numero di apparecchi illuminotecnici da installare. Inoltre, SIDE S.P.A non è responsabile se non vengono rispettati i seguenti parametri: • Distanza minima di 1mt tra apparecchio illuminotecnico e prodotto illuminato; • Limitazione del tempo di esposizione di tessuti e/o altri materiali alla luce artificiale e naturale.
6.7	Il sistema di connessione alla linea di alimentazione deve avere un grado di protezione IP uguale o maggiore al grado di protezione IP dell'apparecchio. Le sovratensioni sono la principale causa di guasto dei dispositivi elettronici. I picchi di sovratensione più pericolosi sono causati da fulmini, manovre elettriche sulla rete di distribuzione e interferenze parassite. I componenti e i dispositivi elettronici utilizzati per gli apparecchi di illuminazione hanno una capacità di protezione tipica di 1 o 2 kV. Tuttavia, poiché i picchi di sovratensione possono superare questi valori, si raccomanda sempre di installare un SPD (dispositivo di protezione dalle sovratensioni) adeguato sulle linee di alimentazione. I componenti possono essere danneggiati anche se non si tiene debitamente conto che interruttori, trasformatori, motori utilizzati sulla stessa linea possono generare improvvisi cambiamenti di carico e sovratensioni transitorie. Queste situazioni si rivelano dannose a causa della loro breve durata e dell'elevato valore di picco in kV, che causano un deterioramento precoce dei dispositivi elettronici.
6.8	Apparecchi da incasso a terra - ogni volta che un prodotto viene aperto per l'installazione e/o la manutenzione, l'apparecchio aperto deve rimanere acceso per 30-60 minuti prima di essere richiuso.
Art. 7. Offerte	
7.1	Il prezzo e le caratteristiche dei prodotti menzionati nei cataloghi, prospetti, documenti pubblicitari e le spese non vincolano SIDE S.p.A., la quale si riserva il diritto di apporvi, in qualsiasi momento, delle modifiche. Tutte le offerte si intendono non vincolanti; le condizioni economiche applicabili al rapporto saranno, pertanto, quelle risultanti dai listini di SIDE S.p.A. al momento della conclusione del contratto relativo alla fornitura dei beni all'acquirente.
7.2	Le offerte, gli allegati, i campioni, i disegni tecnici e le descrizioni rimangono di proprietà di SIDE S.p.A., non potranno essere utilizzate dal potenziale acquirente e dovranno essere immediatamente restituite a SIDE S.p.A. in caso di mancata stipulazione del contratto tra le parti e-o di incarico ad un altro soggetto diverso da SIDE S.p.A.
7.3	Poiché le caratteristiche dei prodotti venduti sono in continua evoluzione e perfezionamento, gli stessi sono suscettibili di essere modificati o ritirati dal commercio in qualsiasi momento e senza preavviso.
7.4	Gli agenti o preposti di SIDE S.p.A. non hanno il potere di vincolare quest'ultima, salvo conferma espressa per iscritto.
Art. 8. Ordini	
8.1	Gli ordini dell'acquirente devono essere effettuati per iscritto e, se trattasi di persona giuridica, devono essere sottoscritti da persona all'uopo autorizzata ad impegnare la stessa. In ogni caso l'esistenza del potere di rappresentanza del sottoscrittore si presume a favore di SIDE S.p.A.
8.2	Ogni eventuale ordine telefonico dovrà essere confermato per iscritto. In difetto l'ordine si ritiene non pervenuto.
8.3	SIDE S.p.A. si riserva, in ogni caso, il diritto di richiedere, al momento dell'ordine da parte dell'acquirente, un acconto oppure il pagamento integrale anticipato della fornitura.

8.4	La conferma d'ordine dovrà essere effettuata per iscritto e dovrà pervenire direttamente a SIDE S.p.A. In ogni caso l'esecuzione dell'ordine da parte di SIDE S.p.A. equivale, ai sensi dell'alt 1327 c.c., ad accettazione.
8.5	L'ordinazione viene assunta SALVO APPROVAZIONE DELLA CASA ed è conferita irrevocabilmente per la durata di mesi uno data ordine (art. 1329 C.C.), nonché con richiesta di esecuzione senza preventiva risposta (art. 1327 C.C.).
8.6	Le ordinazioni dei nostri prodotti si intendono sempre accettate ai prezzi ed alle condizioni di vendita in vigore all'epoca della consegna della merce. A fronte di eventuale variazioni di listino e quindi di prezzi e condizioni, l'acquirente avrà la facoltà di annullare gli ordini in atto con lettera raccomandata entro 8 giorni dalla nostra comunicazione di variazioni.
8.7	Le ordinazioni, anche se raccolte tramite il nostro personale di vendita, si intendono subordinate alla accettazione di SIDE S.p.A., che può essere anche parziale.

Art. 9. Pagamento

9.1	Il pagamento deve essere effettuato entro il termine convenuto nel modo e col mezzo indicato nell'ordine e al domicilio del venditore (SIDE S.p.A.) e ciò anche nei casi di ritardo nell'arrivo della merce, o di avarie o perdite totali o parziali verificatesi durante il trasporto, nonché nel caso in cui le merci messe a disposizione dell'acquirente mediante consegna allo spedizioniere, non vengano dall'acquirente stesso ritirate.
9.2	La eventuale accettazione, da parte della venditrice, di tratte o di altri effetti di commercio si intenderà avvenuta con la clausola "salvo buon fine".
9.3	Sui pagamenti differiti anche cambiari, da SIDE S.p.A. preventivamente accettati, è in ogni caso dovuto l'interesse decorrente dalla data della fattura, secondo il tasso praticato dalle banche sugli scoperti di conto corrente vigente alla data di pagamento.
9.4	Eventuali sconti di cassa, nonché abbuoni o premi di qualsiasi natura saranno accordati a condizione che il cliente non abbia pagamenti in sospeso e si intenderanno automaticamente decaduti e revocati in caso di mancato pagamento.
9.5	In caso di ritardato pagamento alle scadenze prestabilite, verranno riconosciuti alla Società venditrice SIDE S.p.A. gli interessi bancari correnti PRIME RATE aumentati di 3 punti. L'inadempienza nei pagamenti relativi a più rate, od anche ad una sola che superi l'ottava parte del prezzo, farà decadere il compratore dal beneficio del termine rateale e darà diritto alla venditrice di richiedere subito il residuo saldo del prezzo, oppure di ritenere senz'altro risolto il contratto con restituzione immediata della merce ed acquisizione, a titolo di indennizzo, delle rate pagate, salvo, comunque, il risarcimento dei danni.
9.6	Per patto espresso tra le parti, qualunque contestazione fosse sollevata dalla parte acquirente o dovesse comunque sorgere tra le parti, non potrà sospendere l'obbligo dell'acquirente di provvedere al pagamento entro il termine pattuito.
9.7	La perdita delle apparecchiature e dei relativi accessori per causa non imputabile a SIDE S.p.A., non libera l'acquirente dall'obbligo del pagamento ancorché la merce non gli sia stata consegnata.

Art. 10. Riserva di proprietà

10.1	Le apparecchiature indicate in ordine ed i relativi accessori sono venduti con RISERVA DI PROPRIETÀ a favore della venditrice SIDE S.p.A. e, quindi, il compratore ne acquisterà la proprietà soltanto al pagamento dell'ultima rata di prezzo, ma ne assume i rischi al momento della consegna (art. 1523 C.C.). Qualora per opera di terzi venisse operato per opera di terzi un sequestro o un pignoramento, l'acquirente si impegna a far inserire, nel relativo verbale di esecuzione redatto dal precedente, la dichiarazione che proprietà in virtù di riservato dominio è SIDE S.p.A., e ad informare immediata mente la stessa perché possa agire in sede di opposizione di terzo a rituale rivendica, con diritto di rivalsa per tutte le spese relative.
10.2	

Art. 11. Prezzi ed oneri fiscali

11.1	Sugli ordini verranno applicati i prezzi al pubblico riportati nel "listino prezzi", eventuali condizioni particolari dovranno essere pattuite ed autorizzate dalla SIDE S.p.A. in maniera scritta.
11.2	I prezzi applicati sono suscettibili di essere modificati sino alla conferma dell'ordine da parte di SIDE S.p.A. La modifica avviene in relazione alla variazione del rapporto di cambio, dei costi delle materie prime nonché di eventuali tasse o imposte applicabili al contratto.
11.3	Il prezzo definitivo, al netto delle tasse e-o imposte è quello riportato sulla conferma d'ordine di SIDE S.p.A. e si intende per merce resa franco spedizioniere.
11.4	I prezzi riportati nelle offerte e nel listino di SIDE S.p.A. non sono comprensivi di IVA, del costo di installazione e del costo delle lampadine. Eventuali altri costi, oneri o spese relative agli articoli offerti e non espressamente indicati nell'offerta o nel listino di SIDE S.p.A. sono comunque a carico dell'acquirente richiesti a parte. In relazione alla complessità della fornitura il servizio tecnico-commerciale di SIDE S.p.A. è a disposizione dell'acquirente per la definizione di costi e modalità.
11.5	Valgono inoltre le seguenti condizioni: consegne franco fabbrica per ordini al valore netto inferiore a € 500 per l'Italia; consegne franco destino per l'Italia per ordini di valore netto superiori a € 500 per l'Italia; consegne EX-Works per l'estero.
11.6	Valore minimo fatturatile: € 150,00.

Art. 12. Reclami

12.1	Eventuali reclami per vizi o difetti della merce ci vanno comunicati con lettera raccomandata entro e non oltre 8 giorni dalla scoperta del difetto, sotto pena di decadenza di ogni azione di garanzia.
12.2	I prodotti difettosi, sempre che la relativa denuncia sia fatta tempestivamente, possono esserci restituiti, previa autorizzazione scritta, per effettuare le opportune riparazioni o sostituzioni escluso ogni altro nostro onere od obbligo o responsabilità.
12.3	Gli eventuali ritorni dovranno essere resi franchi in ogni spesa al nostro stabilimento di Lissone (MI); in ogni caso verrà accreditato un importo pari del valore della merce resa.

Art. 13. Trasporti

13.1	La merce viaggia sempre a rischio e pericolo dell'acquirente.
13.2	Qualora SIDE S.p.A. provveda a stipulare il contratto di trasporto con il vettore, agirà sempre per conto e con spese a carico dell'acquirente, con le conseguenze di cui all'art. 13.1. In tal caso, il prezzo dei prodotti sarà comprensivo dei costi del trasporto.
13.3	SIDE S.p.A. non è tenuta a concludere alcun contratto di assicurazione contro i rischi di trasporto.
13.4	In caso di avarie, rotture, furti o manomissioni della merce durante il trasporto o nel caso di ritardi di consegna imputabili allo spedizioniere e-o al vettore, l'acquirente potrà rivalersi nei confronti dello spedizioniere e-o del vettore incaricato, essendo esclusa qualsivoglia responsabilità di SIDE S.p.A. al riguardo.
13.5	Il cliente deve accertare peso e condizioni della merce all'atto della consegna.
13.6	SIDE S.p.A. si riserva la scelta del mezzo di trasporto, salvo pattuizione scritta contraria.

Art. 14. Vendita

14.1	La vendita, compresa la fase delle trattative, è regolata dal diritto italiano.
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Art. 15. Conclusioni

15.1	Le presenti condizioni generali di vendita sono le sole applicabili nei rapporti tra SIDE S.p.A. e l'acquirente; in particolare è esclusa l'applicazione delle condizioni generali o particolari di contratto dell'acquirente, a meno che SIDE S.p.A. non le abbia accettate per iscritto.
15.2	Le parti espressamente dichiarano di escludere la applicazione della Convenzione di Vienna del 11 -04-1980 (ratificata dallo Stato italiano con L. 11 -12-1985 n° 765) in conformità a quanto previsto dall'art. 6 della stessa.
15.3	Per tutto quanto non previsto dalle presenti condizioni si applicano, ai singoli contratti, le norme sui contratti in generale (art. 1321 e ss.) e sul contratto di compravendita in particolare (art. 1470 e ss.) contemplate dal codice civile italiano.

Data decorrenza 01.01.2025

Non ci assumiamo responsabilità per errori di stampa. La società si riserva il diritto di apportare modifiche sui prodotti qui illustrati, in qualsiasi momento, senza preavviso. Sono vietate riproduzioni o copie senza autorizzazione.



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COD	PAG	COD	PAG	COD	PAG	COD	PAG	COD	PAG	COD	PAG	COD	PAG	COD	PAG
-		3150-BW	182	645846	263	898	272	E1081-LBC	195	E3950-LBC-75	289	E4901-LBN	204	E5375-LBN-15	217
...-TSC TORX	48	3150-CO	182	645939	25	899	279	E1081-LBN	195	E3950-LBN-75	289	E4901-LBN-1L	205	E5375-LBN-40	217
...V	145	3150-GR	182	646164-LBC-IP	131	899-N	281	E1082-LBC	195	E3955-LBC-75	289	E4901-LBN-M	204	E5375-LBN-60	217
119-06	145	3150-NE	182	646164-LBN-IP	131	D2040	275	E1082-LBN	195	E3955-LBN-75	289	E4902-LBC	204	E5376-LBC-15	217
119-07	145	3150-VE	182	646165-LBC-IP	131	D2040-P	275	E1085-LBC-10	193	E4010-LBC	267	E4902-LBC-1L	205	E5376-LBC-40	217
119-19	145	3151-BW	183	646165-LBI-IP	131	D2041	275	E1085-LBC-25	193	E4010-LBN	267	E4902-LBC-M	204	E5376-LBC-60	217
148	45	3151-CO	183	646165-LBN-IP	131	D2041-P	275	E1085-LBN-10	193	E4011-LBC	267	E4902-LBN	204	E5376-LBN-15	217
161	123	3151-GR	183	646209	45	D2100	274	E1085-LBN-25	193	E4011-LBN	267	E4902-LBN-1L	205	E5376-LBN-40	217
162	123	3151-NE	183	646258-67	25	D2100-C	274	E1086-LBC-10	193	E4050	267	E4902-LBN-M	204	E5376-LBN-60	217
163	123	3151-VE	183	646308	41	D2140	173	E1086-LBC-25	193	E4052	267	E4905-LBC-2L	205	E5377-LBC-15	217
185	48	3152-BW	183	646364	47	D2140-M	173	E1086-LBN-10	193	E4054	267	E4905-LBN-2L	205	E5377-LBC-40	217
185-C	53	3152-CO	183	646371	131	D2141	173	E1086-LBN-25	193	E4055	267	E4906-LBC-2L	205	E5377-LBC-60	217
186-3	31	3152-GR	183	646372-1	48	D2141-M	173	E1087-LBC-10	193	E4056-3	217	E4906-LBN-2L	205	E5377-LBN-15	217
186-5	25	3152-NE	183	646373	307	D2142	173	E1087-LBC-25	193	E4056-6	217	E4907-LBC-2L	205	E5377-LBN-40	217
186-6	46	3152-VE	183	646397	53	D2142-M	173	E1087-LBN-10	193	E4058	267	E4907-LBN-2L	205	E5377-LBN-60	217
186-7	46	3156-BW	185	646492	33	D2145	175	E1087-LBN-25	193	E4068-LBC	297	E4910-LBC	206	E5381-LBC-15	219
251-BR	238	3156-CO	185	646518	32	D2145-M	175	E1118-LBC	265	E4068-LBN	297	E4910-LBC-1L	207	E5381-LBC-40	219
251-BT	238	3156-GR	185	646636	92	D2146	175	E1118-LBI	265	E4068AS-LBC	297	E4910-LBC-M	206	E5381-LBC-60	219
251-GK	238	3156-NE	185	646760	47	D2146-M	175	E1118-RGB	265	E4068AS-LBN	297	E4910-LBN	206	E5381-LBN-15	219
251-NE	238	3156-VE	185	646777	75	D2147	175	E1119-LBC	265	E4069-LBC	297	E4910-LBN-1L	207	E5381-LBN-40	219
299-BR	238	3157-BW	183	67950-LBC	224	D2147-M	175	E1119-LBI	265	E4069-LBN	297	E4910-LBN-M	206	E5381-LBN-60	219
299-BT	238	3157-CO	183	67950-LBC-B	224	D2150	177	E1119-RGB	265	E4069AS-LBC	297	E4911-LBC	206	E5382-LBC-15	219
299-GK	238	3157-GR	183	67950-LBC-DA	224	D2151	177	E1120-LBC	265	E4069AS-LBN	297	E4911-LBC-1L	207	E5382-LBC-40	219
299-NE	238	3157-NE	183	67950-LBC-DA-B	224	D2152	177	E1120-LBI	265	E4070-LBC	297	E4911-LBC-M	206	E5382-LBC-60	219
304-BR	238	3157-VE	183	67950-LBC-DA-F	225	D2153	177	E1120-RGB	265	E4070-LBN	297	E4911-LBN	206	E5382-LBN-15	219
304-BT	238	3159	295	67950-LBC-DA-F-B	225	D2154	177	E1124-LBC	265	E4070AS-LBC	297	E4911-LBN-1L	207	E5382-LBN-40	219
304-GK	238	3162	181	67950-LBC-F	225	D2155	177	E1124-LBI	265	E4070AS-LBN	297	E4911-LBN-M	206	E5382-LBN-60	219
304-NE	238	320000	147	67950-LBC-F-B	225	E...LBL	25	E1125-LBC	265	E4071-LBC	297	E4912-LBC	206	E5383-LBC-15	219
3127	277	320001	145	67950-LBN	224	E...-LBC	125	E1125-LBI	265	E4071-LBN	297	E4912-LBC-1L	207	E5383-LBC-40	219
3129	187	406207	186	67950-LBN-B	224	E...LGI	55	E1126-LBC	265	E4071AS-LBC	297	E4912-LBC-M	206	E5383-LBC-60	219
3130	187	406208	186	67950-LBN-DA	224	E...LRO	55	E1126-LBI	265	E4071AS-LBN	297	E4912-LBN	206	E5383-LBN-15	219
3131	187	406219	292	67950-LBN-DA-B	224	E...LVE	55	E1219-LBC	39	E4072-LBC	297	E4912-LBN-1L	207	E5383-LBN-40	219
3133-BW	187	406259	186	67950-LBN-DA-F	225	E1010-RGB-10	197	E1219-LBN	39	E4072-LBN	297	E4912-LBN-M	206	E5383-LBN-60	219
3133-CO	187	406307	292	67950-LBN-DA-F-B	225	E1010-RGB-45	197	E1220-LBC	39	E4072AS-LBC	297	E4915-LBC-2L	207	E5385-LBC	259
3133-GR	187	406308	292	67950-LBN-F	225	E1011-RGB-10	197	E1220-LBN	39	E4072AS-LBN	297	E4915-LBN-2L	207	E5385-LBC-EM	259
3133-NE	187	406319	292	67950-LBN-F-B	225	E1011-RGB-45	197	E1221-LBC	39	E4073-LBC	297	E4916-LBC-2L	207	E5385-LBN	259
3133-VE	187	406359	292	67951-LBC	224	E1020	197	E1221-LBN	39	E4073-LBN	297	E4916-LBN-2L	207	E5385-LBN-EM	259
3134-BW	187	406406	291	67951-LBC-DA	224	E1021	197	E1222-LBC	39	E4073AS-LBC	297	E4917-LBC-2L	207	E5386-LBC	259
3134-CO	187	406407	291	67951-LBC-DA-F	225	E1025	197	E1222-LBN	39	E4073AS-LBN	297	E4917-LBN-2L	207	E5386-LBC-EM	259
3134-GR	187	406408	291	67951-LBC-F	225	E1026	197	E1223-LBC	39	E4074-LBC	297	E5191	211	E5386-LBN	259
3134-NE	187	406419	292	67951-LBN	224	E1027-LBC-15	197	E1223-LBN	39	E4074-LBN	297	E5191-2	211	E5386-LBN-EM	259
3134-VE	187	406459	291	67951-LBN-DA	224	E1027-LBC-25	197	E1224-LBC	39	E4074AS-LBC	297	E5192	211	E5387-LBC	259
3136-BW	187	4071	292	67951-LBN-DA-F	225	E1027-LBC-40	197	E1224-LBN	39	E4074AS-LBN	297	E5192-2	211	E5387-LBC-EM	259
3136-CO	187	4073	277	67951-LBN-F	225	E1027-LBN-15	197	E3800-LBC-75	227	E4075-LBC	297	E5193	211	E5387-LBN	259
3136-GR	187	4074	279	67952-LBC	224	E1027-LBN-25	197	E3800-LBN-75	227	E4075-LBN	297	E5193-2	211	E5387-LBN-EM	259
3136-NE	187	4074-N	281	67952-LBC-DA	224	E1027-LBN-40	197	E3805-LBC-75	227	E4075AS-LBC	297	E5195	211	E5390-LBC	259
3136-VE	187	4077-BW	292	67952-LBC-DA-F	225	E1028-LBC-15	197	E3805-LBN-75	227	E4075AS-LBN	297	E5195-2	211	E5390-LBC-EM	259
3137	182	4077-GR	292	67952-LBC-F	225	E1028-LBC-25	197	E3810-LBC-75	227	E4076-LBC	297	E5196	211	E5390-LBN	259
3138	189	4077-GRA	292	67952-LBN	224	E1028-LBC-40	197	E3810-LBN-75	227	E4076-LBN	297	E5196-2	211	E5390-LBN-EM	259
3139	189	4077-NE	292	67952-LBN-DA	224	E1028-LBN-15	197	E3815-LBC-55	227	E4076AS-LBC	297	E5197	211	E5391-LBC	259
3140	189	408107	292	67952-LBN-DA-F	225	E1028-LBN-25	197	E3815-LBC-75	199	E4076AS-LBN	297	E5197-2	211	E5391-LBC-EM	259
3141-BW	188	408108	292	67952-LBN-F	225	E1028-LBN-40	197	E3815-LBN-75	199	E4083-LBC	226	E5313-LBC	149	E5391-LBN	259
3141-CO	188	408119	292	67960-LBC	221	E1031	181	E3820-LBC-75	199	E4083-LBN	226	E5313-LBN	149	E5391-LBN-EM	259
3141-GR	188	408159	292	67960-LBN	221	E1035	193	E3820-LBN-75	199	E4083AS-LBC	226	E5314-LBC	149	E5392-LBC	259
3141-NE	188	408207	292	67961-LBC	221	E1036	193	E3825-LBC-75	199	E4083AS-LBN	226	E5314-LBN	149	E5392-LBC-EM	259
3141-VE	188	408208	292	67961-LBN	221	E1037	193	E3825-LBN-75	199	E4084-LBC	226	E5315-LBC	149	E5392-LBN	259
3142-BW	188	408219	292	67962-LBC	221	E1038	186	E3830-LBC-AS	171	E4084-LBN	226	E5315-LBN	149	E5392-LBN-EM	259
3142-CO	188	408259	292	67962-LBN	221	E1039	186	E3830-LBN-AS	171	E4084AS-LBC	226	E5345-LBC	149	E5393-LBC	259
3142-GR	188	4083	187	67966-LBC	221	E1041-BW	303	E3835-LBC-AS	171	E4084AS-LBN	226	E5345-LBN	149	E5393-LBN	259
3142-NE	188	568252	83	67966-LBC-F	223	E1041-GRA	303	E3835-LBN-AS	171	E4085-LBC	226	E5346-LBC	149	E5394-LBC	259
3142-VE	188	644758	25	67966-LBN	221	E1041-NE	303	E3840-LBC-AS	171	E4085-LBN	226	E5346-LBN	149	E5394-LBN	259
3143-BW	189	644758-5	29	67966-LBN-F	223	E1042-BW	303	E3840-LBN-AS	171	E4085AS-LBC	226	E5347-LBC	149	E5395-LBC	259
3143-CO	189	644759-1	25	67967-LBC	221	E1042-GRA	303	E3845-LBC-AS	171	E4085AS-LBN	226	E5347-LBN	149	E5395-LBN	259
3143-GR	189	644940-67	179	67967-LBC-F	223	E1042-NE	303	E3845-LBN-AS	171	E4100-LBC	299	E5357-LBC-15	243	E5396-LBC	259
3143-NE	189	645086	29	67967-LBN	221	E1067	195	E3850-LBC-AS	171	E4100-LBN	299	E5357-LBC-40	243	E5396-LBN	259
3143-VE	189	645177	307	67967-LBN-F	223	E1068	195	E3850-LBN-AS	171	E4101-LBC	299	E5357-LBC-60	243	E5397-LBC	259
3144	185	645216	131	67968-LBC	221	E1069	195	E3855-LBC-AS	171	E4101-LBN	299	E5357-LBN-15	243	E5397-LBN	259
3145	185	645245	265	67968-LBC-F	223	E1070	195	E3855-LBN-AS	171	E4102-LBC	299	E5357-LBN-40	243	E5398-LBC	259
3146	185	645246	265	67968-LBN	221	E1071	195	E3910-LBC-75	75	E4102-LBN	299	E5357-LBN-60	243	E5398-LBN	259
3147-BW	185	645247	265	67968-LBN-F	223	E1072	195	E3910-LBN-75	75	E4111-LBC	226	E5358-LBC-15	243	E5400-LBC	257
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3147-GR	185	645256-LBI-IP	131	699938-LBN	267	E1074-LBN	195	E3911-LBN	75	E4112-LBC	226	E5358-LBC-60	243	E5400-LBC-DIM	257
3147-NE	185	645256-LBL-IP	131	699942-LBC	267	E1075-LBC	195	E3915-LBC-75	75	E4112-LBN	226	E5358-LBN-15	243	E5400-LBN	257
3147-VE	185	645256-LBN-IP	131	699942-LBN	267	E1075-LBN	195	E3915-LBN-75	75	E4113-LBC	226	E5358-LBN-40	243	E5400-LBN-DA	257
3148-BW	185	645452-LBC-IP	131	769900	237	E1076-LBC	195	E3916-LBC-75	75	E4113-LBN	226	E5358-LBN-60	243	E5400-LBN-DIM	257
3148-CO	185	645452-LBI-IP	131	874	291	E107									

COD	PAG	COD	PAG	COD	PAG	COD	PAG	COD	PAG	COD	PAG	COD	PAG	COD	PAG
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E5402-LBN-DA	257	E5554C-LBN-40	212	E5595-LBC-24	213	E5682-LBN-40	211	E5850-LBI	160	E5863T-LBL-30	153	E5868Q-LBN-30	155	E5884-LBN	145
E5402-LBN-DIM	257	E5555C-LBC-15	212	E5595-LBC-40	213	E5683-LBC-16	215	E5850-LBN	160	E5863T-LBL-45	153	E5868Q-LBN-45	155	E5885-LBC	145
E5420-LBC	253	E5555C-LBC-24	212	E5595-LBC-AS	213	E5683-LBC-25	215	E5851-LBC	160	E5863T-LBN-10	153	E5868T-LBC-10	153	E5885-LBN	145
E5420-LBC-EM	253	E5555C-LBC-40	212	E5595-LBN-16	213	E5683-LBC-40	215	E5851-LBI	160	E5863T-LBN-30	153	E5868T-LBC-30	153	E5886-LBC	145
E5420-LBI	253	E5555C-LBN-15	212	E5595-LBN-24	213	E5683-LBN-16	215	E5851-LBN	160	E5863T-LBN-45	153	E5868T-LBC-45	153	E5886-LBN	145
E5420-LBN	253	E5555C-LBN-24	212	E5595-LBN-40	213	E5683-LBN-25	215	E5852-LBC	160	E5864Q-LBC-10	155	E5868T-LBL-10	153	E5887-LBC	141
E5420-LBN-EM	253	E5555C-LBN-40	212	E5595-LBN-AS	213	E5683-LBN-40	215	E5852-LBI	160	E5864Q-LBC-30	155	E5868T-LBL-30	153	E5887-LBC-24	143
E5421-LBC	253	E5556C-LBC-15	237	E5596-LBC-16	240	E5684-LBC-16	215	E5852-LBN	160	E5864Q-LBC-45	155	E5868T-LBL-45	153	E5887-LBC-V	141
E5421-LBC-EM	253	E5556C-LBC-24	237	E5596-LBC-16S	241	E5684-LBC-25	215	E5853-LBC	160	E5864Q-LBL-10	155	E5868T-LBN-10	153	E5887-LBC-V-24	143
E5421-LBI	253	E5556C-LBC-40	237	E5596-LBC-24	240	E5684-LBC-40	215	E5853-LBI	160	E5864Q-LBL-30	155	E5868T-LBN-30	153	E5887-LBN	141
E5421-LBN	253	E5556C-LBC15S	239	E5596-LBC-24S	241	E5684-LBN-16	215	E5853-LBN	160	E5864Q-LBL-45	155	E5868T-LBN-45	153	E5887-LBN-24	143
E5421-LBN-EM	253	E5556C-LBC24S	239	E5596-LBC-40	240	E5684-LBN-25	215	E5854-LBC	160	E5864Q-LBN-10	155	E5869Q-LBC-10	155	E5887-LBN-V	141
E5422-LBC	253	E5556C-LBC40S	239	E5596-LBC-40S	241	E5684-LBN-40	215	E5854-LBI	160	E5864Q-LBN-30	155	E5869Q-LBC-30	155	E5887-LBN-V-24	143
E5422-LBC-EM	253	E5556C-LBN-15	237	E5596-LBN-16	240	E5685-LBC-16	215	E5854-LBN	160	E5864Q-LBN-45	155	E5869Q-LBC-45	155	E5888-LBC	141
E5422-LBI	253	E5556C-LBN-24	237	E5596-LBN-16S	241	E5685-LBC-25	215	E5855-LBC	160	E5864T-LBC-10	153	E5869Q-LBL-10	155	E5888-LBC-24	143
E5422-LBN	253	E5556C-LBN-40	237	E5596-LBN-24	240	E5685-LBC-40	215	E5855-LBI	160	E5864T-LBC-30	153	E5869Q-LBL-30	155	E5888-LBC-V	141
E5422-LBN-EM	253	E5556C-LBN15S	239	E5596-LBN-24S	241	E5685-LBN-16	215	E5855-LBN	160	E5864T-LBC-45	153	E5869Q-LBL-45	155	E5888-LBC-V-24	143
E5430-LBC	253	E5556C-LBN24S	239	E5596-LBN-40	240	E5685-LBN-25	215	E5860Q-LBC-10	155	E5864T-LBL-10	153	E5869Q-LBN-10	155	E5888-LBN	141
E5430-LBC-EM	253	E5556C-LBN40S	239	E5596-LBN-40S	241	E5685-LBN-40	215	E5860Q-LBC-30	155	E5864T-LBL-30	153	E5869Q-LBN-30	155	E5888-LBN-24	143
E5430-LBI	253	E5557C-LBC-15	237	E5597-LBC-16	240	E5686-LBC-16	245	E5860Q-LBC-45	155	E5864T-LBL-45	153	E5869Q-LBN-45	155	E5888-LBN-V	141
E5430-LBN	253	E5557C-LBC-24	237	E5597-LBC-16S	241	E5686-LBC-16S	247	E5860Q-LBL-10	155	E5864T-LBN-10	153	E5869T-LBC-10	153	E5888-LBN-V-24	143
E5430-LBN-EM	253	E5557C-LBC-40	237	E5597-LBC-24	240	E5686-LBC-25	245	E5860Q-LBL-30	155	E5864T-LBN-30	153	E5869T-LBC-30	153	E5889-LBC	141
E5431-LBC	253	E5557C-LBC15S	239	E5597-LBC-24S	241	E5686-LBC-25S	247	E5860Q-LBL-45	155	E5864T-LBN-45	153	E5869T-LBC-45	153	E5889-LBC-24	143
E5431-LBC-EM	253	E5557C-LBC24S	239	E5597-LBC-40	240	E5686-LBC-40	245	E5860Q-LBN-10	155	E5865Q-LBC-10	155	E5869T-LBL-10	153	E5889-LBC-V	141
E5431-LBI	253	E5557C-LBC40S	239	E5597-LBC-40S	241	E5686-LBC-40S	247	E5860Q-LBN-30	155	E5865Q-LBC-30	155	E5869T-LBL-30	153	E5889-LBC-V-24	143
E5431-LBN	253	E5557C-LBN-15	237	E5597-LBN-16	240	E5686-LBN-16	245	E5860Q-LBN-45	155	E5865Q-LBC-45	155	E5869T-LBL-45	153	E5889-LBN	141
E5431-LBN-EM	253	E5557C-LBN-24	237	E5597-LBN-16S	241	E5686-LBN-16S	247	E5860T-LBC-10	153	E5865Q-LBL-10	155	E5869T-LBN-10	153	E5889-LBN-24	143
E5432-LBC	253	E5557C-LBN-40	237	E5597-LBN-24	240	E5686-LBN-25	245	E5860T-LBC-30	153	E5865Q-LBL-30	155	E5869T-LBN-30	153	E5889-LBN-V	141
E5432-LBC-EM	253	E5557C-LBN15S	239	E5597-LBN-24S	241	E5686-LBN-25S	247	E5860T-LBC-45	153	E5865Q-LBL-45	155	E5869T-LBN-45	153	E5889-LBN-V-24	143
E5432-LBI	253	E5557C-LBN24S	239	E5597-LBN-40	240	E5686-LBN-40	245	E5860T-LBL-10	153	E5865Q-LBN-10	155	E5870Q-LBC-10	155	E5890-LBC	141
E5432-LBN	253	E5557C-LBN40S	239	E5597-LBN-40S	241	E5686-LBN-40S	247	E5860T-LBL-30	153	E5865Q-LBN-30	155	E5870Q-LBC-30	155	E5890-LBN	141
E5432-LBN-EM	253	E5558C-LBC-15	237	E5598-LBC-16	240	E5687-LBC-16	245	E5860T-LBL-45	153	E5865Q-LBN-45	155	E5870Q-LBC-45	155	E5891-LBC	141
E5446-LBC	255	E5558C-LBC-24	237	E5598-LBC-16S	241	E5687-LBC-16S	247	E5860T-LBN-10	153	E5865T-LBC-10	153	E5870Q-LBL-10	155	E5891-LBN	141
E5446-LBC-EM	255	E5558C-LBC-40	237	E5598-LBC-24	240	E5687-LBC-25	245	E5860T-LBN-30	153	E5865T-LBC-30	153	E5870Q-LBL-30	155	E5892-LBC	141
E5446-LBI	255	E5558C-LBC15S	239	E5598-LBC-24S	241	E5687-LBC-25S	247	E5860T-LBN-45	153	E5865T-LBC-45	153	E5870Q-LBL-45	155	E5892-LBN	141
E5446-LBN	255	E5558C-LBC24S	239	E5598-LBC-40	240	E5687-LBC-40	245	E5861Q-LBC-10	155	E5865T-LBL-10	153	E5870Q-LBN-10	155	E5901-LBC	277
E5446-LBN-EM	255	E5558C-LBC40S	239	E5598-LBC-40S	241	E5687-LBC-40S	247	E5861Q-LBC-30	155	E5865T-LBL-30	153	E5870Q-LBN-30	155	E5901-LBC-SP	277
E5447-LBC	255	E5558C-LBN-15	237	E5598-LBN-16	240	E5687-LBN-16	245	E5861Q-LBC-45	155	E5865T-LBL-45	153	E5870Q-LBN-45	155	E5901-LBN	277
E5447-LBC-EM	255	E5558C-LBN-24	237	E5598-LBN-16S	241	E5687-LBN-16S	247	E5861Q-LBL-10	155	E5865T-LBN-10	153	E5870T-LBC-10	153	E5902-LBC	277
E5447-LBI	255	E5558C-LBN-40	237	E5598-LBN-24	240	E5687-LBN-25	245	E5861Q-LBL-30	155	E5865T-LBN-30	153	E5870T-LBC-30	153	E5902-LBN	277
E5447-LBN	255	E5558C-LBN15S	239	E5598-LBN-24S	241	E5687-LBN-25S	247	E5861Q-LBL-45	155	E5865T-LBN-45	153	E5870T-LBC-45	153	E5903-LBC	277
E5447-LBN-EM	255	E5558C-LBN24S	239	E5598-LBN-40	240	E5687-LBN-40	245	E5861Q-LBN-10	155	E5866Q-LBC-10	155	E5870T-LBL-10	153	E5903-LBN	277
E5448-LBC	255	E5558C-LBN40S	239	E5598-LBN-40S	241	E5687-LBN-40S	247	E5861Q-LBN-30	155	E5866Q-LBC-30	155	E5870T-LBL-30	153	E5906-LBC	277
E5448-LBC-EM	255	E5590-LBC-16	209	E5652	291	E5688-LBC-16	245	E5861Q-LBN-45	155	E5866Q-LBC-45	155	E5870T-LBL-45	153	E5906-LBN	277
E5448-LBI	255	E5590-LBC-24	209	E5653	291	E5688-LBC-16S	247	E5861T-LBC-10	153	E5866Q-LBL-10	155	E5870T-LBN-10	153	E5907-LBC	277
E5448-LBN	255	E5590-LBC-40	209	E5654	291	E5688-LBC-25	245	E5861T-LBC-30	153	E5866Q-LBL-30	155	E5870T-LBN-30	153	E5907-LBN	277
E5448-LBN-EM	255	E5590-LBC-AS	209	E5655	291	E5688-LBC-25S	247	E5861T-LBC-45	153	E5866Q-LBL-45	155	E5870T-LBN-45	153	E5908-LBC	277
E5450-LBC	159	E5590-LBN-16	209	E5656	291	E5688-LBC-40	245	E5861T-LBL-10	153	E5866Q-LBN-10	155	E5871Q-LBC-10	155	E5908-LBN	277
E5450-LBN	159	E5590-LBN-24	209	E5657	291	E5688-LBC-40S	247	E5861T-LBL-30	153	E5866Q-LBN-30	155	E5871Q-LBC-30	155	E5911-LBC	277
E5451-LBC	159	E5590-LBN-40	209	E5658	291	E5688-LBN-16	245	E5861T-LBL-45	153	E5866Q-LBN-45	155	E5871Q-LBC-45	155	E5911-LBN	277
E5451-LBN	159	E5590-LBN-AS	209	E5659	291	E5688-LBN-16S	247	E5861T-LBN-10	153	E5866T-LBC-10	153	E5871Q-LBL-10	155	E5912-LBC	277
E5460-LBC	157	E5591-LBC-16	209	E5676-LBC	291	E5688-LBN-25	245	E5861T-LBN-30	153	E5866T-LBC-30	153	E5871Q-LBL-30	155	E5912-LBN	277
E5460-LBN	157	E5591-LBC-24	209	E5676-LBC-P	165	E5688-LBN-25S	247	E5861T-LBN-45	153	E5866T-LBC-45	153	E5871Q-LBL-45	155	E5913-LBC	277
E5461-LBC	157	E5591-LBC-40	209	E5676-LBN	291	E5688-LBN-40	245	E5862Q-LBC-10	155	E5866T-LBL-10	153	E5871Q-LBN-10	155	E5913-LBN	277
E5461-LBN	157	E5591-LBC-AS	209	E5676-LBN-P	165	E5688-LBN-40S	247	E5862Q-LBC-30	155	E5866T-LBL-30	153	E5871Q-LBN-30	155	E5916-LBC	277
E5550C-LBC-15	208	E5591-LBN-16	209	E5677-LBC	291	E5690-LBC	293	E5862Q-LBC-45	155	E5866T-LBL-45	153	E5871Q-LBN-45	155	E5916-LBN	277
E5550C-LBC-24	208	E5591-LBN-24	209	E5677-LBC-P	165	E5690-LBC-DA	293	E5862Q-LBL-10	155	E5866T-LBN-10	153	E5871T-LBC-10	153	E5917-LBC	277
E5550C-LBC-40	208	E5591-LBN-40	209	E5677-LBN	291	E5690-LBN	293	E5862Q-LBL-30	155	E5866T-LBN-30	153	E5871T-LBC-30	153	E5917-LBN	277
E5550C-LBN-15	208	E5591-LBN-AS	209	E5677-LBN-P	165	E5690-LBN-DA	293	E5862Q-LBL-45	155	E5866T-LBN-45	153	E5871T-LBC-45	153	E5918-LBC	277
E5550C-LBN-24	208	E5592-LBC-16	209	E5678-LBC	291	E5691-LBC	293	E5862Q-LBN-10	155	E5867Q-LBC-10	155	E5871T-LBL-10	153	E5918-LBN	277
E5550C-LBN-40	208	E5592-LBC-24	209	E5678-LBC-P	165	E5691-LBC-DA	293	E5862Q-LBN-30	155	E5867Q-LBC-30	155	E5871T-LBL-30	153	E5921-LBC	279
E5551C-LBC-15	208	E5592-LBC-40	209	E5678-LBN	291	E5691-LBN	293	E5862Q-LBN-45	155	E5867Q-LBC-45	155	E5871T-LBL-45	153	E5921-LBC-N	281
E5551C-LBC-24	208	E5592-LBC-AS	209	E5678-LBN-P	165	E5691-LBN-DA	293	E5862T-LBC-10	153	E5867Q-LBL-10	155	E5871T-LBN-10	153	E5921-LBN	279
E5551C-LBC-40	208	E5592-LBN-16	209	E5679-LBC	291	E5692-LBC	293	E5862T-LBC-30	153	E5867Q-LBL-30	155	E5871T-LBN-30	153	E5921-LBN-N	281
E5551C-LBN-15	208	E5592-LBN-24	209	E5679-LBC-P	165	E5692-LBC-DA	293	E5862T-LBL-45	153	E5867Q-LBL-45	155	E5871T-LBN-45	153	E5922-LBC	279
E5551C-LBN-24	208	E5592-LBN-40	209	E5679-LBN	291	E5692-LBN	293	E5862T-LBL-10	153	E5867Q-LBN-10	155	E5875-LBC	147	E5922-LBC-N	281
E5551C-LBN-40	208	E5592-LBN-AS	209	E5679-LBN-P	165	E5692-LBN-DA	293	E5862T-LBL-30	153	E5867Q-LBN-30	155	E5875-LBN	147	E5922-LBN	281
E5552C-LBC-15	208	E5593-LBC-16	213	E5680-LBC-16	211	E56									

COD	PAG	COD	PAG	COD	PAG	COD	PAG	COD	PAG	COD	PAG	COD	PAG	COD	PAG
E5928-LBN-N	281	E6022-LBN-N	285	E6057-LBN-N	285	E67887-LBN-WF	186	E67911-LBC-S	183	E8128-LBC-FL	83	E8132F-LBC-55	95	E8263-LBC-12	321
E5931-LBC	279	E6025-LBC	283	E6100-LBC	287	E67888-LBC-FL	186	E67911-LBN-FL	183	E8128-LBC-S	83	E8132F-LBC-75	95	E8263-LBC-55	321
E5931-LBC-N	281	E6025-LBC-N	285	E6100-LBN	287	E67888-LBC-S	186	E67911-LBN-S	183	E8128-LBC-WF	83	E8132F-LBC-AE	95	E8263-LBN-12	321
E5931-LBN	279	E6025-LBN	283	E6101-LBC	287	E67888-LBC-WF	186	E67912-LBC-FL	183	E8128-LBN-AS	83	E8132F-LBC-ASI	95	E8263-LBN-55	321
E5931-LBN-N	281	E6025-LBN-N	285	E6101-LBN	287	E67888-LBN-FL	186	E67912-LBC-S	183	E8128-LBN-FL	83	E8132F-LBN-12	95	E8271I-LBC-FL	69
E5932-LBC	279	E6026-LBC	283	E6102-LBC	287	E67888-LBN-S	186	E67912-LBN-FL	183	E8128-LBN-S	83	E8132F-LBN-55	95	E8271I-LBC-S	69
E5932-LBC-N	281	E6026-LBC-N	285	E6102-LBN	287	E67888-LBN-WF	186	E67912-LBN-S	183	E8128-LBN-WF	83	E8132F-LBN-75	95	E8271I-LBC-WF	69
E5932-LBN	279	E6026-LBN	283	E6105-LBC	287	E67889-LBC-FL	186	E67913-LBC-FL	183	E8128I-LBC-AS	71	E8132F-LBN-AE	95	E8271I-LBN-FL	69
E5932-LBN-N	281	E6026-LBN-N	285	E6105-LBN	287	E67889-LBC-S	186	E67913-LBC-S	183	E8132F-LBN-ASI	71	E8132F-LBN-AS	95	E8271I-LBN-S	69
E5933-LBC	279	E6027-LBC	283	E6106-LBC	287	E67889-LBC-WF	186	E67913-LBN-FL	183	E8128I-LBC-S	71	E8132T-LBC-AS	85	E8271I-LBN-WF	69
E5933-LBC-N	281	E6027-LBC-N	285	E6106-LBN	287	E67889-LBN-FL	186	E67913-LBN-S	183	E8128I-LBC-WF	71	E8132T-LBC-FL	85	E8272-LBC-12	92
E5933-LBN	279	E6027-LBN	283	E6107-LBC	287	E67889-LBN-S	186	E67914-LBC-FL	183	E8128I-LBN-AS	71	E8132T-LBC-S	85	E8272-LBC-12-ST	99
E5933-LBN-N	281	E6027-LBN-N	285	E6107-LBN	287	E67889-LBN-WF	186	E67914-LBC-S	183	E8128I-LBN-FL	71	E8132T-LBC-WF	85	E8272-LBC-55	92
E5941-LBC	279	E6030-LBC	283	E6110-LBC	287	E67891-LBC-FL	186	E67914-LBN-FL	183	E8128I-LBN-S	71	E8132T-LBN-AS	85	E8272-LBC-55-ST	99
E5941-LBC-N	281	E6030-LBC-N	285	E6110-LBN	287	E67891-LBC-S	186	E67914-LBN-S	183	E8128I-LBN-WF	71	E8132T-LBN-FL	85	E8272-LBC-75	92
E5941-LBN	279	E6030-LBN	283	E6111-LBC	287	E67891-LBC-WF	186	E67920-LBC-S	295	E8129-LBC-12	94	E8132T-LBN-S	85	E8272-LBC-75-ST	99
E5941-LBN-N	281	E6030-LBN-N	285	E6111-LBN	287	E67891-LBN-FL	186	E67920-LBN-S	295	E8129-LBC-12-ST	100	E8132T-LBN-WF	85	E8272-LBC-AE	92
E5942-LBC	279	E6031-LBC	283	E6112-LBC	287	E67891-LBN-S	186	E67921-LBC-S	295	E8129-LBC-55	94	E8140-MLBC-25	45	E8272-LBC-AE-ST	99
E5942-LBC-N	281	E6031-LBC-N	285	E6112-LBN	287	E67891-LBN-WF	186	E67921-LBN-S	295	E8129-LBC-55-ST	100	E8140-MLBC-40	45	E8272-LBC-AS	80
E5942-LBN	279	E6031-LBN	283	E6115-LBC	287	E67895-LBC-FL	189	E67922-LBC-S	295	E8129-LBC-75	94	E8140-MLBN-25	45	E8272-LBC-ASI	92
E5942-LBN-N	281	E6031-LBN-N	285	E6115-LBN	287	E67895-LBN-S	189	E67922-LBN-S	295	E8129-LBC-75-ST	100	E8140-MLBN-40	45	E8272-LBC-ASI-ST	99
E5943-LBC	279	E6032-LBC	283	E6116-LBC	287	E67895-LBC-WF	189	E67923-LBC-S	295	E8129-LBC-AE	94	E8140F-GUQ	52	E8272-LBC-FL	80
E5943-LBC-N	281	E6032-LBC-N	285	E6116-LBN	287	E67895-LBN-FL	189	E67923-LBN-S	295	E8129-LBC-AE-ST	100	E8140F-GUT	52	E8272-LBC-S	80
E5943-LBN	279	E6032-LBN	283	E6117-LBC	287	E67895-LBN-S	189	E67924-LBC-S	295	E8129-LBC-AS	85	E8140F-MLBC-AS	53	E8272-LBC-WF	80
E5943-LBN-N	281	E6032-LBN-N	285	E6117-LBN	287	E67895-LBN-WF	189	E67924-LBN-S	295	E8129-LBC-ASI	94	E8140F-MLBC25	53	E8272-LBN-12	92
E5946-LBC	279	E6035-LBC	283	E6125-LBC	287	E67896-LBC-FL	189	E67925-LBL	294	E8129-LBC-ASI-ST	100	E8140F-MLBC40	53	E8272-LBN-12-ST	99
E5946-LBC-N	281	E6035-LBC-N	285	E6125-LBN	287	E67896-LBC-S	189	E67925-LRO	294	E8129-LBC-FL	85	E8140F-MLBN-AS	53	E8272-LBN-55	92
E5946-LBN	279	E6035-LBN	283	E6126-LBC	287	E67896-LBC-WF	189	E67925-LVE	294	E8129-LBC-FL-ST	101	E8140F-MLBN25	53	E8272-LBN-55-ST	99
E5946-LBN-N	281	E6035-LBN-N	285	E6126-LBN	287	E67896-LBN-FL	189	E67955-LBC	301	E8129-LBC-S	85	E8140F-MLBN40	53	E8272-LBN-75	92
E5947-LBC	279	E6036-LBC	283	E6127-LBC	287	E67896-LBN-S	189	E67955-LBN	301	E8129-LBC-S-ST	101	E8140F-RGB-10	53	E8272-LBN-75-ST	99
E5947-LBC-N	281	E6036-LBC-N	285	E6127-LBN	287	E67896-LBN-WF	189	E67956-LBC	301	E8129-LBC-WF	85	E8140F-RGB-30	53	E8272-LBN-AE	92
E5947-LBN	279	E6036-LBN	283	E6130-LBC	287	E67897-LBC-FL	189	E67956-LBN	301	E8129-LBC-WF-ST	101	E8140F-RGB-45	53	E8272-LBN-AE-ST	99
E5947-LBN-N	281	E6036-LBN-N	285	E6130-LBN	287	E67897-LBC-S	189	E67957-LBC	301	E8129-LBN-12	94	E8141-MLBC-25	45	E8272-LBN-AS	80
E5948-LBC	279	E6037-LBC	283	E6131-LBC	287	E67897-LBC-WF	189	E67957-LBN	301	E8129-LBN-12-ST	100	E8141-MLBC-40	45	E8272-LBN-ASI	92
E5948-LBC-N	281	E6037-LBC-N	285	E6131-LBN	287	E67897-LBN-FL	189	E67960-LBC	301	E8129-LBN-55	94	E8141-MLBN-25	45	E8272-LBN-ASI-ST	99
E5948-LBN	279	E6037-LBN	283	E6132-LBC	287	E67897-LBC-S	189	E67960-LBN	301	E8129-LBN-55-ST	100	E8141-MLBN-FL	45	E8272-LBN-FL	80
E5948-LBN-N	281	E6037-LBN-N	285	E6132-LBN	287	E67897-LBN-WF	189	E67961-LBC	301	E8129-LBN-75	94	E8142-MLBC-25	45	E8272-LBN-S	80
E5951-LBC	279	E6040-LBC	283	E6135-LBC	287	E67898-LBC-FL	189	E67961-LBN	301	E8129-LBN-75-ST	100	E8142-MLBC-40	45	E8272-LBN-WF	80
E5951-LBC-N	281	E6040-LBC-N	285	E6135-LBN	287	E67898-LBC-S	189	E67962-LBC	301	E8129-LBN-AE	94	E8142-MLBN-25	45	E8272F-LBC-12	92
E5951-LBN	279	E6040-LBN	283	E6136-LBC	287	E67898-LBC-WF	189	E67962-LBN	301	E8129-LBN-AE-ST	100	E8142-MLBN-40	45	E8272F-LBC-55	92
E5951-LBN-N	281	E6040-LBN-N	285	E6136-LBN	287	E67898-LBN-FL	189	E67965-LBC	301	E8129-LBN-AS	85	E8184C-LBC-15	77	E8272F-LBC-75	92
E5952-LBC	279	E6041-LBC	283	E6137-LBC	287	E67898-LBN-S	189	E67965-LBN	301	E8129-LBN-ASI	94	E8184C-LBC-24	77	E8272F-LBC-AE	92
E5952-LBC-N	281	E6041-LBC-N	285	E6137-LBN	287	E67898-LBN-WF	189	E67966-LBC	301	E8129-LBN-ASI-ST	100	E8184C-LBC-40	77	E8272F-LBC-ASI	92
E5952-LBN	279	E6041-LBN	283	E6140-LBC	287	E67899-LBC-FL	189	E67966-LBN	301	E8129-LBN-FL	85	E8184C-LBN-15	77	E8272F-LBN-12	92
E5952-LBN-N	281	E6041-LBN-N	285	E6140-LBN	287	E67899-LBC-S	189	E67967-LBC	301	E8129-LBN-FL-ST	101	E8184C-LBN-24	77	E8272F-LBN-55	92
E5953-LBC	279	E6042-LBC	283	E6141-LBC	287	E67899-LBC-WF	189	E67967-LBN	301	E8129-LBN-S	85	E8184C-LBN-40	77	E8272F-LBN-75	92
E5953-LBC-N	281	E6042-LBC-N	285	E6141-LBN	287	E67899-LBN-FL	189	E67970-LBC	301	E8129-LBN-S-ST	101	E8185-I-RGB10	67	E8272F-LBN-AE	92
E5953-LBN	279	E6042-LBN	283	E6142-LBC	287	E67899-LBN-S	189	E67970-LBN	301	E8129-LBN-WF	85	E8185-I-RGB30	67	E8272F-LBN-ASI	92
E5953-LBN-N	281	E6042-LBN-N	285	E6142-LBN	287	E67899-LBN-WF	189	E67971-LBC	301	E8129-LBN-WF-ST	101	E8185-I-RGB45	67	E8277-LBC-AS	81
E5956-LBC	279	E6045-LBC	283	E6150-LBC	287	E67900-LBC-FL	184	E67971-LBN	301	E8129F-LBC-12	94	E8185CI-LBC15	67	E8277-LBC-FL	81
E5956-LBC-N	281	E6045-LBC-N	285	E6150-LBN	287	E67900-LBC-S	184	E67972-LBC	301	E8129F-LBC-55	94	E8185CI-LBC24	67	E8277-LBC-S	81
E5956-LBN	279	E6045-LBN	283	E6151-LBC	287	E67900-LBC-WF	184	E67972-LBN	301	E8129F-LBC-75	94	E8185CI-LBC40	67	E8277-LBC-WF	81
E5956-LBN-N	281	E6045-LBN-N	285	E6151-LBN	287	E67900-LBN-FL	184	E67975-LBC	303	E8129F-LBC-AE	94	E8185CI-LBN15	67	E8277-LBN-AS	81
E5957-LBC	279	E6046-LBC	283	E6152-LBC	287	E67900-LBN-S	184	E67975-LBN	303	E8129F-LBC-ASI	94	E8185CI-LBN24	67	E8277-LBN-FL	81
E5957-LBC-N	281	E6046-LBC-N	285	E6152-LBN	287	E67900-LBN-WF	184	E67976-LBC	303	E8129F-LBN-12	94	E8185CI-LBN40	67	E8277-LBN-S	81
E5957-LBN	279	E6046-LBN	283	E6155-LBC	287	E67901-LBC-FL	184	E67976-LBN	303	E8129F-LBN-55	94	E8186-R	77	E8277-LBN-WF	81
E5957-LBN-N	281	E6046-LBN-N	285	E6155-LBN	287	E67901-LBC-S	184	E67977-LBC	303	E8129F-LBN-75	94	E8202-LBC	105	E8277F-LBC-12	93
E5958-LBC	279	E6047-LBC	283	E6156-LBC	287	E67901-LBC-WF	184	E67977-LBN	303	E8129F-LBN-AE	94	E8202-LBN	105	E8277F-LBC-55	93
E5958-LBC-N	281	E6047-LBC-N	285	E6156-LBN	287	E67901-LBN-FL	184	E7070-LBC	86	E8129F-LBN-ASI	94	E8203-LBC	105	E8277F-LBC-75	93
E5958-LBN	279	E6047-LBN	283	E6157-LBC	287	E67901-LBN-S	184	E7070-LBN	86	E8129I-LBC-AS	73	E8203-LBN	105	E8277F-LBC-AE	93
E5958-LBN-N	281	E6047-LBN-N	285	E6157-LBN	287	E67901-LBN-WF	184	E7120C-LBC-15	79	E8129I-LBC-FL	73	E8239-LBC-12	315	E8277F-LBC-ASI	93
E5961-LBC	279	E6050-LBC	283	E6160-LBC	287	E67902-LBC-FL	184	E7120C-LBC-24	79	E8129I-LBC-S	73	E8239-LBC-55	315	E8277F-LBN-12	93
E5961-LBC-N	281	E6050-LBC-N	285	E6160-LBN	287	E67902-LBC-S	184	E7120C-LBC-40	79	E8129I-LBC-WF	73	E8239-LBN-12	315	E8277F-LBN-55	93
E5961-LBN	279	E6050-LBN	283	E6161-LBC	287	E67902-LBC-WF	184	E7120C-LBN-15	79	E8129I-LBN-AS	73	E8239-LBN-55	315	E8277F-LBN-75	93
E5961-LBN-N	281	E6050-LBN-N	285	E6161-LBN	287	E67902-LBN-FL	184	E7120C-LBN-24	79	E8129I-LBN-FL	73	E8242-RGB	315	E8277F-LBN-AE	93
E5962-LBC	279	E6051-LBC	283	E6162-LBC	287	E67902-LBN-S	184	E7120C-LBN-40	79	E8129I-LBN-S	73	E8246-RGB	313	E8277F-LBN-ASI	93
E5962-LBC-N	281	E6051-LBC-N	285	E6162-LBN	287	E67902-LBN-WF	184	E8004	191	E8129I-LBN-WF	73	E8246C-LBC-15	313	E8277T-LBC-AS	80
E5962-LBN	279	E6051-LBN	283	E6165-LBC	287	E67903-LBC-FL	184	E8008	191	E8131T-LBC-AS	83	E8246C-LBC-24	313	E8277T-LBC-FL	80
E5962-LBN-N	281	E6051-LBN-N	285	E6165-LBN	287	E67903-LBC-S	184	E8040-LBC	169	E8131T-LBC-FL	83	E8246C-LBC-40	313	E8277T-LBC-S	80
E5963-LBC	279	E6052-LBC	283	E6166-LBC	287	E67903-LBC-WF	184	E8040-LBI	169	E8131T-LBC-S	83	E8246C-LBN-15	313	E8277T-LBC-WF	80
E5963-LBC-N	281	E6052-LBC-N	285	E6166-LBN	287	E67903-LBN-FL	184	E8040-LBN	169	E8131T-LBC-WF	83	E8246C-LBN-24	313	E8277T-LBN-AS	80
E5963-LBN	279	E6052-LBN	283	E6167-LBC	287	E67903-LBN-S	184	E8046-LBC	169	E8131T-LBN-AS	83	E8246C-LBN-40	313	E8277T-LBN-FL	80
E5963-LBN-N	281	E6052-LBN-N	285	E6167-LBN	287	E67903-LBN-WF	184								

COD	PAG	COD	PAG	COD	PAG	COD	PAG	COD	PAG	COD	PAG	COD	PAG	COD	PAG
E8340-LBC-WFD	89	E8384CTV-BN40	103	E8496-LBN-10-SM	48	E8805-LBN	261	E8941-PS-LBN6	119	E896-M-LBC	32	E909-LBC-V	134	E956-LBC	129
E8340-LBN-12	96	E8394-RGB-SM	48	E8496-LBN-10-SMQ	49	E8806-LBC	261	E8941AS-LBC	113	E896-M-LBI	32	E909-LBN	134	E956-LBI	129
E8340-LBN-55	96	E8394-RGB-SMQ	49	E8496-LBN-30	51	E8806-LBN	261	E8941AS-LBN	113	E896-M-LBL	32	E909-LBN-V	134	E956-LBN	129
E8340-LBN-75	96	E8394-VD-LBC	61	E8496-LBN-30-I	41	E8807-LBC	261	E8942-LBC	115	E897-G-LBC	31	E909-Q-LBC	135	E960	67
E8340-LBN-AE	96	E8394-VD-LBL	61	E8496-LBN-30-SM	48	E8807-LBN	261	E8942-LBC-24	111	E897-G-LBN	31	E909-Q-LBC-V	135	E9603-LBI-25	311
E8340-LBN-ASI	96	E8394-VD-LBN	61	E8496-LBN-30-SMQ	49	E881-G-LBC-68	27	E8942-LBN	115	E897-M-LBC	31	E909-Q-LBN	135	E9603-LBI-40	311
E8340-LBN-FL	89	E8394-VD-LRO	61	E8496-LBN-EL	51	E881-G-LBN-68	27	E8942-LBN-24	111	E897-M-LBN	31	E909-Q-LBN-V	135	E9603-LBI-95	311
E8340-LBN-FLD	89	E8394-VD-RGB	61	E8496-LBN-EL-I	41	E881-GQ-LBC68	27	E8942AS-LBC24	113	E900-G-LBC	25	E909BR-L-LBC	137	E9604-LBI-30	307
E8340-LBN-S	89	E8394AS-LBC	51	E8496-LBN-EL-SM	48	E881-GQ-LBN68	27	E8942AS-LBN24	113	E900-G-LBI	25	E909BR-L-LBN	137	E9604-LBI-95	307
E8340-LBN-SD	89	E8394AS-LBC-I	41	E8496-LBN-EL-SMQ	49	E881-M-LBC-68	27	E8943-LBC	115	E900-G-LBN	25	E909BR-LBC	134	E9608-RGB-20	309
E8340-LBN-WF	89	E8394AS-LBC-Q-I	43	E8500-LBC	250	E881-M-LBN-68	27	E8943-LBC-30	111	E900-M-LBC	25	E909BR-LBC-V	134	E9608-RGB-95	309
E8340-LBN-WFD	89	E8394AS-LBC-SM	48	E8500-LBN	250	E881-MQ-LBC68	27	E8943-LBN	115	E900-M-LBI	25	E909BR-LBN	134	E961-LBC	127
E8340F-LBC-12	96	E8394AS-LBC-SMQ	49	E8501-LBC	250	E881-MQ-LBN68	27	E8943-LBN-30	111	E900-M-LBN	25	E909BR-LBN-V	134	E961-LBI	127
E8340F-LBC-55	96	E8394AS-LBN	51	E8501-LBN	250	E8820-LBC	161	E8943-RGB-30	111	E901-M-LBC	29	E909BR-Q-LBC	135	E961-LBN	127
E8340F-LBC-75	96	E8394AS-LBN-I	41	E8540-LBC	251	E8820-LBN	161	E8943AS-LBC30	113	E901-M-LBN	29	E909BR-Q-LBC-V	135	E962-LBC	127
E8340F-LBC-AE	96	E8394AS-LBN-Q-I	43	E8540-LBC-EM	251	E8821-LBC	161	E8943AS-LBN30	113	E9020-LBI	125	E909BR-Q-LBN	135	E962-LBI	127
E8340F-LBC-ASI	96	E8394AS-LBN-SM	48	E8540-LBI	251	E8821-LBN	161	E8943AS-RGB30	113	E9021-LBI	125	E909BR-Q-LBN-V	135	E962-LBN	127
E8340F-LBN-12	96	E8394AS-LBN-SMQ	49	E8540-LBI-EM	251	E8822-LBC	161	E8946-LBC	115	E9022-LBI	125	E909NE-L-LBC	137	E963-LBC	127
E8340F-LBN-55	96	E8396-LBC	104	E8540-LBN	251	E8822-LBN	161	E8946-LBC-6	111	E9023-LBI	125	E909NE-L-LBN	137	E963-LBI	127
E8340F-LBN-75	96	E8396-LBI	104	E8540-LBN-EM	251	E883-N-LBC-C	47	E8946-LBN	115	E9030-LBC-35	123	E909NE-LBC	134	E963-LBN	127
E8340F-LBN-AE	96	E8396-LBL	104	E8541-LBC	251	E883-N-LBN-C	47	E8946-LBN-6	111	E9030-LBC-EL	123	E909NE-LBC-V	134	INV 1052	69
E8340F-LBN-ASI	96	E8396-LBN	104	E8541-LBC-EM	251	E8830-LBC	161	E8946AS-LBC-6	113	E9030-LBN-35	123	E909NE-LBN	134	INV 1052-3	69
E8340LBC-FLDA	89	E8397-LBC	104	E8541-LBI	251	E8830-LBN	161	E8946AS-LBN-6	113	E9030-LBN-EL	123	E909NE-LBN-V	134	J350-68-LED	61
E8340LBC-SDA	89	E8397-LBI	104	E8541-LBI-EM	251	E8831-LBC	161	E8946AS-LBN-6	113	E9031-LBC-35	124	E909NE-Q-LBC	135	KE8140FMLBC25	53
E8340LBC-WFDA	89	E8397-LBL	104	E8541-LBN	251	E8831-LBN	161	E895-G-LBI	32	E9031-LBC-EL	124	E909NE-Q-LBC-V	135	KE8140FMLBC40	53
E8340LBN-FLDA	89	E8397-LBN	104	E8541-LBN-EM	251	E8832-LBC	161	E895-G-LBL	32	E9031-LBN-35	124	E909NE-Q-LBN	135	KE8140FMLBCAS	53
E8340LBN-SDA	89	E8398-LBC	104	E8542-LBC	251	E8832-LBN	161	E895-M-LBC	32	E9031-LBN-EL	124	E909NE-Q-LBN-V	135	KE8140FMLBN25	53
E8340LBN-WFDA	89	E8398-LBI	104	E8542-LBC-EM	251	E886-G-LBC-C	34	E895-M-LBC AS	32	E9032-LBC-35	123	E912-LBC	139	KE8140FMLBN40	53
E8345-LBC-FL	91	E8398-LBL	104	E8542-LBI	251	E886-G-LBN-C	34	E895-M-LBI	32	E9032-LBC-EL	123	E912-LBN	139	KE8140FMLBNAS	53
E8345-LBC-FLD	91	E8398-LBN	104	E8542-LBI-EM	251	E886-GQ-LBC-C	36	E895-M-LBL	32	E9032-LBN-35	123	E918-LBC	181	KT-E1219LBC-2	39
E8345-LBC-S	91	E8399-1-LBC	59	E8542-LBN	251	E886-GQ-LBN-C	36	E895-M-LBN AS	32	E9032-LBN-EL	123	E918-LBN	181	KT-E1219LBC-4	39
E8345-LBC-SD	91	E8399-1-LBN	59	E8542-LBN-EM	251	E886-M-LBC-C	34	E8951-LBC	115	E9033-LBC-35	124	E921-LBC	191	KT-E1219LBC-8	39
E8345-LBC-WF	91	E8399-LBC	59	E860-LBC	47	E886-M-LBN-C	34	E8951-LBC-18	111	E9033-LBC-EL	124	E921-LBI	191	KT-E1219LBN-2	39
E8345-LBC-WFD	91	E8399-LBN	59	E860-LBN	47	E886-MQ-LBC-C	36	E8951-LBN	115	E9033-LBN-35	124	E921-LBL	191	KT-E1219LBN-4	39
E8345-LBN-FL	91	E8404-LBC	273	E8600-LBC	263	E886-MQ-LBN-C	36	E8951-LBN-18	111	E9033-LBN-EL	124	E922-RGB	129	KT-E1219LBN-8	39
E8345-LBN-FLD	91	E8404-LBI	273	E8600-LBN	263	E8900-LBC	117	E8951-P-LBC	121	E9034-LBC-35	123	E924-RGB	129	KT-E1220LBC-2	39
E8345-LBN-S	91	E8404-LBN	273	E8601-LBC	263	E8900-LBN	117	E8951-P-LBC18	119	E9034-LBC-EL	123	E926-RGB	129	KT-E1220LBC-4	39
E8345-LBN-SD	91	E8405-LBC	273	E8601-LBN	263	E8900-P-LBC	121	E8951-P-LBN	121	E9034-LBN-35	123	E928-RGB	129	KT-E1220LBC-8	39
E8345-LBN-WF	91	E8405-LBI	273	E8602-LBC	263	E8900-P-LBN	121	E8951-P-LBN18	119	E9034-LBN-EL	123	E930-RGB	129	KT-E1220LBN-2	39
E8345-LBN-WFD	91	E8405-LBN	273	E8602-LBN	263	E8900-PS-LBC	120	E8951-PS-LBC	120	E9035-LBC-35	124	E951-L-LBC	137	KT-E1220LBN-4	39
E8345F-LBC-12	97	E8406-LBC	273	E861-LBC	47	E8900-PS-LBN	120	E8951-PS-LBN	120	E9035-LBC-EL	124	E951-L-LBI	137	KT-E1220LBN-8	39
E8345F-LBC-55	97	E8406-LBI	273	E861-LBN	47	E8905-LBC	117	E8951AS-LBC	113	E9035-LBN-35	124	E951-L-LBL	137	KT-E1221LBC-2	39
E8345F-LBC-75	97	E8406-LBN	273	E862-LBC	33	E8905-LBN	117	E8951AS-LBN	113	E9035-LBN-EL	124	E951-L-LBN	137	KT-E1221LBC-4	39
E8345F-LBC-AE	97	E8407-LBC	273	E862-LBN	33	E891-N-LBC	47	E8951PS-LBC18	119	E9050-LBC	109	E951-LBC	134	KT-E1221LBC-8	39
E8345F-LBC-ASI	97	E8407-LBI	273	E863-LBC	33	E891-N-LBN	47	E8951PS-LBN18	119	E9050-LBN	109	E951-LBC-V	134	KT-E1221LBN-2	39
E8345F-LBN-12	97	E8407-LBN	273	E863-LBN	33	E8910-LBC	117	E8956-LBC	115	E9050-P-LBC	118	E951-LBN	134	KT-E1221LBN-4	39
E8345F-LBN-55	97	E8408-LBC	273	E8650-LBC	263	E8910-LBN	117	E8956-LBC-18	111	E9050-P-LBN	118	E951-LBN-V	134	KT-E1221LBN-8	39
E8345F-LBN-75	97	E8408-LBI	273	E8650-LBN	263	E8910-P-LBC	121	E8956-LBN	115	E9051-LBC	109	E951-Q-LBC	135	KT-E1222LBC-2	39
E8345F-LBN-AE	97	E8408-LBN	273	E8651-LBC	263	E8910-P-LBN	121	E8956-LBN-18	111	E9051-LBN	109	E951-Q-LBC-V	135	KT-E1222LBC-4	39
E8345F-LBN-ASI	97	E8409-LBC	273	E8651-LBN	263	E8910-PS-LBC	120	E8956AS-LBC18	113	E9051-P-LBC	118	E951-Q-LBN	135	KT-E1222LBC-8	39
E8345LBC-FLDA	91	E8409-LBI	273	E8652-LBC	263	E8910-PS-LBN	120	E8956AS-LBN18	113	E9051-P-LBN	118	E951-Q-LBN-V	135	KT-E1222LBN-2	39
E8345LBC-SDA	91	E8409-LBN	273	E8652-LBN	263	E8915-LBC	117	E8957-LBC	115	E9051-P-RGB	118	E951BR-L-LBC	137	KT-E1222LBN-4	39
E8345LBC-WFDA	91	E8468-LBC	272	E871-M-LBC-C	35	E8915-LBN	117	E8957-LBC-24	111	E9051-RGB	109	E951BR-L-LBI	137	KT-E1222LBN-8	39
E8345LBN-FLDA	91	E8468-LBI	272	E871-M-LBN-C	35	E8920-LBC	117	E8957-LBN	115	E9052-LBC	109	E951BR-L-LBL	137	KT-E1223LBC-2	39
E8345LBN-SDA	91	E8468-LBN	272	E871-MQ-LBC-C	37	E8920-LBN	117	E8957-LBN-24	111	E9052-LBN	109	E951BR-L-LBN	137	KT-E1223LBC-4	39
E8345LBN-WFDA	91	E8469-LBC	272	E871-MQ-LBN-C	37	E8920-P-LBC	121	E8957-P-LBC	121	E9052-P-LBC	118	E951BR-LBC	134	KT-E1223LBC-8	39
E8346-LBC-FL	90	E8469-LBI	272	E875-LBC	57	E8920-P-LBN	121	E8957-P-LBC24	119	E9052-P-LBN	118	E951BR-LBC-V	134	KT-E1223LBN-2	39
E8346-LBC-FLD	90	E8469-LBN	272	E875-LBI	57	E8920-PS-LBC	120	E8957-P-LBN	121	E9053-LBC	170	E951BR-LBN	134	KT-E1223LBN-4	39
E8346-LBC-S	90	E8470-LBC	272	E875-LBN	57	E8920-PS-LBN	120	E8957-P-LBN24	119	E9053-LBI	170	E951BR-LBN-V	134	KT-E1223LBN-8	39
E8346-LBC-SD	90	E8470-LBI	272	E8755	211	E8925-LBC	117	E8957-PS-LBC	120	E9053-LBL	170	E951BR-Q-LBC	135	KT-E1224LBC-2	39
E8346-LBC-WF	90	E8470-LBN	272	E8756	211	E8925-LBN	117	E8957-PS-LBN	120	E9053-P-LBC	170	E951BR-Q-LBN	135	KT-E1224LBC-4	39
E8346-LBC-WFD	90	E8471-LBC	272	E8757	211	E8930-LBC	117	E8957AS-LBC	113	E9053-P-LBI	170	E951BRQ-LBC-V	135	KT-E1224LBC-8	39
E8346-LBN-FL	90	E8471-LBI	272	E8758	211	E8930-LBN	117	E8957AS-LBN	113	E9053-P-LBL	170	E951BRQ-LBN-V	135	KT-E1224LBN-2	39
E8346-LBN-FLD	90	E8471-LBN	272	E8759	211	E8930-P-LBC	121	E8957PS-LBC24	119	E9054-LBC	109	E951NE-L-LBC	137	KT-E1224LBN-4	39
E8346-LBN-S	90	E8494-LBN-10-Q-I	43	E876-LBC	57	E8930-P-LBN	121	E8957PS-LBN24	119	E9054-LBN	109	E951NE-L-LBI	137	KT-E1224LBN-8	39
E8346-LBN-SD	90	E8494-LBN-30-Q-I	43	E876-LBI	57	E8930-PS-LBC	120	E8958-LBC	115	E9054-P-LBC	118	E951NE-L-LBL	137	KT-E880-LBC-3	55
E8346-LBN-WF	90	E8494-LBN-EL-Q-I	43	E876-LBN	57	E8930-PS-LBN	120	E8958-LBC-30	111	E9054-P-LBN	118	E951NE-L-LBN	137	KT-E880-LBC-6	55
E8346-LBN-WFD	90	E8496-LBC-10	51	E8760	211	E8935-LBC	117	E8958-LBN	115	E9060-LBC	109	E951NE-LBC	134	KT-E880-LBL-3	55
E8346LBC-FLDA	90	E8496-LBC-10-I	41	E877-LBC	57	E8935-LBN	117	E8958-LBN-30	111	E9060-LBN	109	KT-E880-LBL-6	55	KT-E880-LBN-3	55
E8346LBC-SDA	90	E8496-LBC-10-Q-I	43	E877-LBI	57	E894-G-LBC	31	E8958-P-LBC	121	E9060-P-LBC	118	E951NE-LBN	134	KT-E880-LBN-6	55
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E8346LBN-FLDA	90	E8496-LBC-10-SMQ	49	E878-LBC	57	E894-M-LBC	31	E8958-P-LBN	121	E9061-LBC	109	E951NE-Q-LBC	135	KTE8140MLBC25	45
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E8346LBN-WFDA	90	E8496-LBC-30-I	41	E878-LBN	57	E8941-LBC	115	E8958-PS-LBC	120	E9061-P-LBC	118	E951NEQ-LBC-V	135	KTE8140MLBN25	45
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