



Emergency lighting

Catalogue 2019

Sagelux
LUXIONA



Since the dawn of time, man has sought out **light**. All his wisdom and knowledge has been focused on how to control it so that it can be at his disposal at all times.

Together with **light**, as an inseparable partner, **security** has similarly evolved. From ancient times, fire and cave joined forces: **light** and **security**, the essence and inspiration behind **Sagelux**.

Sagelux
Light and security



Hospital Sant Joan, Reus.



Sagelux

Lighting your safety
















Sagelux brings to LUXIONA its experience in emergency lighting and safety, contributing to its position at the forefront in lighting solutions for the professional market.























*Internacional de Iluminación,
Zaragoza.*

Pictography

Types of installation

	Surface		Recessed		Semi-recessed		Side wall mounted
	Asymmetric diffuser		Waterproof		Ceiling surface		Ceiling recessed
	Ceiling semi-recessed		Wall mounted		Rail adapted		Banner
	Vandalproof		Suspended		Ceiling mounted		

Specifications

	Wireless Connectivity		SATI automatic verification system		Maintenance management system from a computer		Remote control device
	Class I insulation		Class III insulation		Class III insulation		Product in compliance with European standards
	Degree of protection of solid and liquid bodies		Degree of protection against mechanical impact		Watertight Nickel-Cadmium batteries		Watertight Nickel-Metal Hydride Batteries
	Operating temperature		Glow wire test 850 °C		LED light source and rated power		Light source fluorescent tube and rated power
	Fluorescent tube cap type		Discount level		Naval applications		Number of luminaires

Emergency lighting

Catalogue 2019

13 Self-contained emergency luminaires

14 Brick

20 Plat

24 Optima

28 Premier

32 Euroslim

36 Evolution

42 Rectangular

48 Globe

52 Cube

57 Emergency architectural luminaires

58 Aline

60 K3

64 K-Lens

73 Emergency signal banners

74 Brick L

76 Signum

79 Emergency beacon lighting

80 Dot

82 K2

86 Everest

90 Teide

93 Emergency spotlights

94 SD

96 Plus

99 Special emergency luminaires

100 Pantallas PF

102 Antideflagrante

105 Components

106 Battery main system LPS

108 Centralised controls

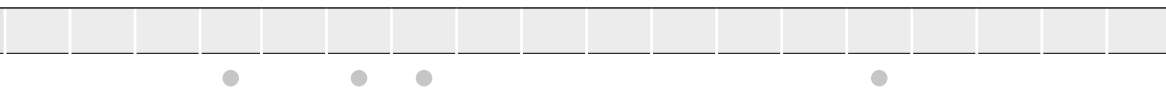
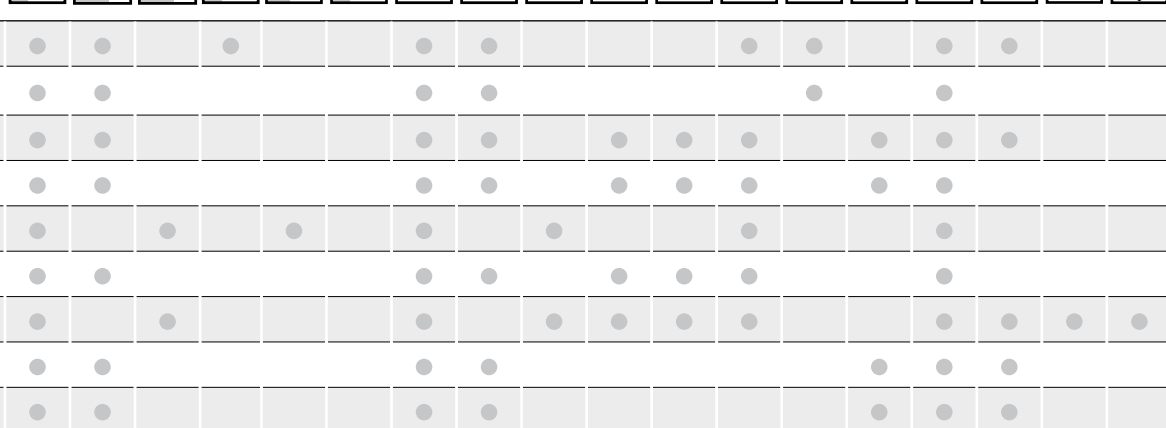
110 Emergency Conversion Kits

112 Accessories

115 Emergency lighting solutions

116 Lighting projects

117 Management and maintenance systems



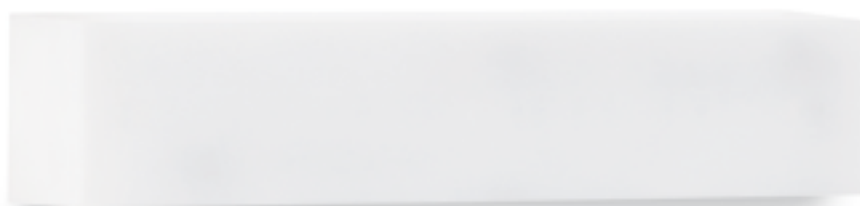


Bassat Ogilvy, Madrid.

Self-contained emergency luminaires

Brick	14
Brick L	18
Plat	20
Optima	24
Premier	28
Euroslim	32
Evolution	36
Rectangular	42
Globe	48
Cube	52

Brick^{LED}

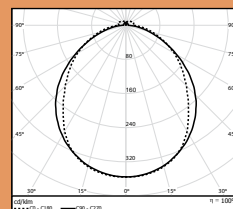
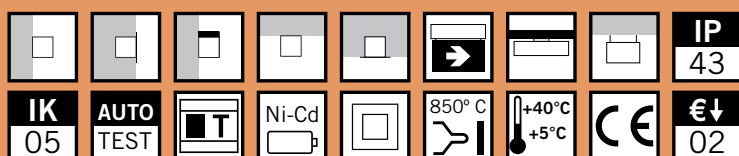


Stylish design featuring pure and essential lines. Its small size and geometric characteristics provide the necessary safety with the least possible visual impact. Suitable for wall mounting with horizontal or vertical discharge through the use of its accessories.

Smart self-control system for correct battery maintenance, prevention and fault detection.

The Brick L version is the standout solution for signalling escape routes.

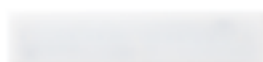
Specifications





Versions

Surface



Recessed



Banner



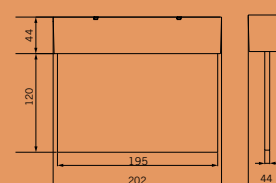
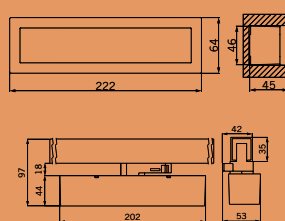
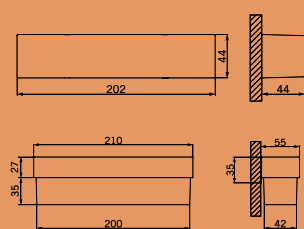
Wall mounted

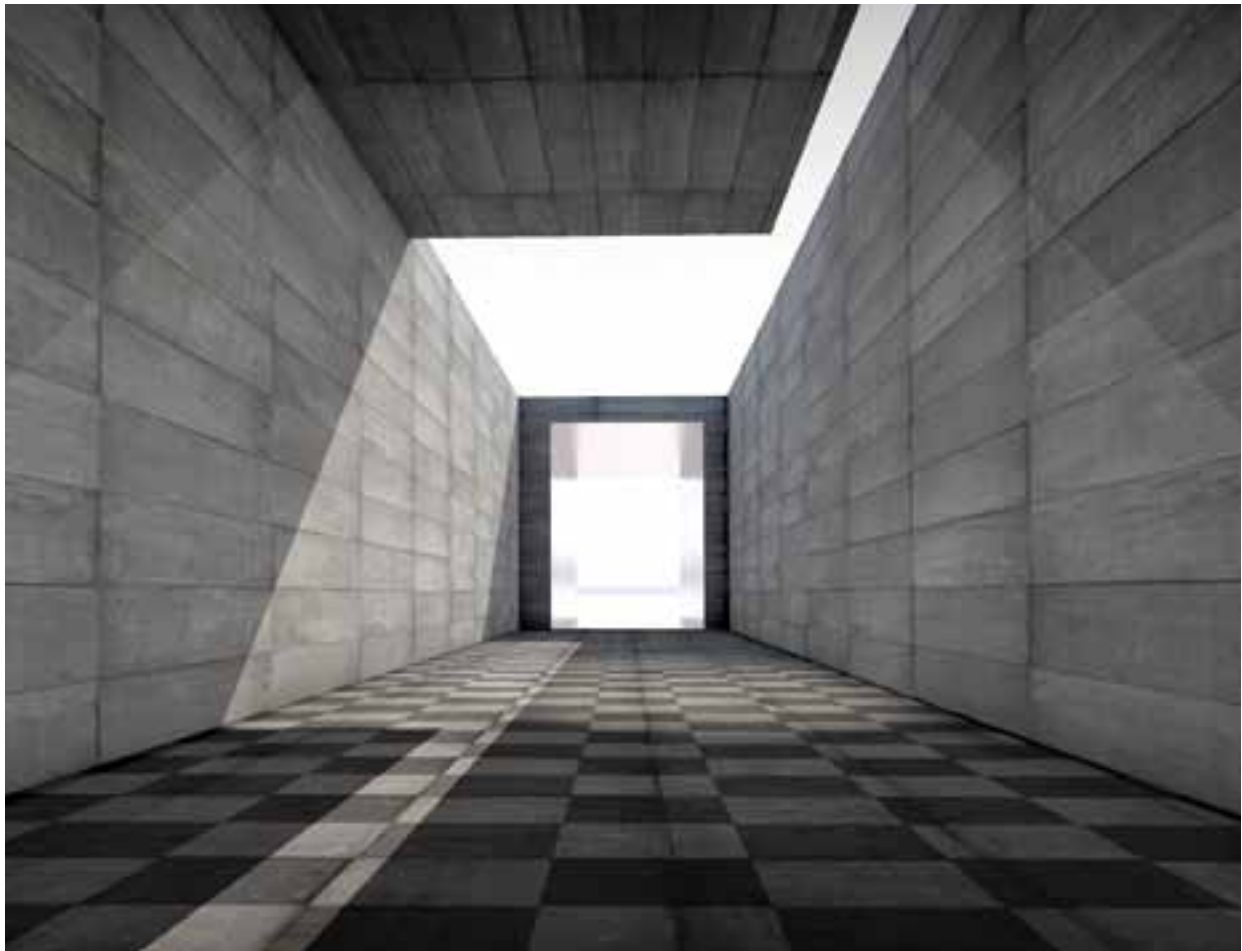


Rail adapted










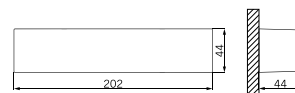
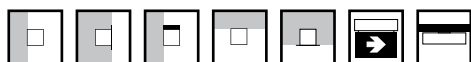
Dimensions





Accessories









INSTALLATION			
Reference	Description		
ACT-BRK	Adapter for Brick series rail mounting		
DE-BRK	Ceiling recessed mounting device the Brick series to the ceiling		
DEP-BRK	Recessed wall mounting device for the Brick series		
DIP-BRK	Wall mounted installation device for the Brick series		
DIP-BRK/GP	Wall mounted installation device for the silver-grey Brick series		
White finish. Available in any other RAL colour. Consult conditions.			
SIGNALLING			
			Banner signage
Reference	Description	Pictograph	
R-1000	Right/left "ARROW" sign		
R-1001	Front "ARROW" sign		
R-1002	Right/left "DOOR" sign		
R-1004	Right/left "DOOR" sign		
R-1006	"EXIT at front" sign		
R-1007	Right/left "STAIR" sign		
Signs available in any language on request. Consult conditions.			
			Banner signage. SIA
Reference	Description	Dimensions	Pictograph
R-1043	Right/left "SIA" sign	195 x 203 mm	
Other pictograms and colors available. Consult conditions.			
CONTROL			
Reference	Description		
BT-12	Standby and restart up to 100 luminaires		



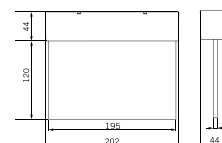
BRICK series		Packaging: 20 units	
Reference	Type (1)	Duration (h)	Flux (lm)
BRK-60	NM	1	60
BRK-110	NM	1	110
BRK-150	NM	1	150
BRK-200	NM	1	200
BRK-300	NM	1	300
BRK-62	NM	2	60
BRK-152	NM	2	150
BRK-113	NM	3	110
BRK-60P	M	1	60
BRK-110P	M	1	110
BRK-150P	M	1	150
BRK-200P	M	1	200
BRK-300P	M	1	300
BRK-62P	M	2	60
BRK-152P	M	2	150
BRK-113P	M	3	110
BRK-300S	S	-	300

Possibility of manufacturing different lengths and flux on demand.

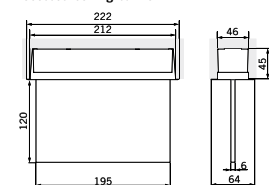
(1) NM = Non maintained. M = Maintained. S = Signalling.

REFERENCE CONSTRUCTION (Examples)					
Banner signage					
Luminaire / SB		Pictograph		Result	
BRK-60 / SB	+	R-1004 		BRK60/SB R-1004	
Banner signage and accessories					
Luminaire / SB		Pictograph	Accessorie		Result
BRK-60 / SB	+	R-1004 	DE-BRK	+	BRK60/SB R-1004 DE-BRK 
Luminaire / SB		Pictograph	Accessorie		Result
BRK-60 / SB	+	R-1004 	DIP-BRK	+	BRK60/SB R-1004 DIP-BRK 
Luminaire / SB		Pictograph	Accessorie		Result
BRK-60 / SB	+	R-1004 	ACT-BRK	+	BRK60/SB R-1004 ACT-BRK 

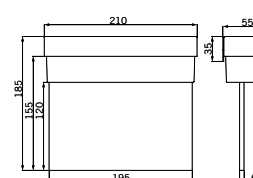
Ceiling banner



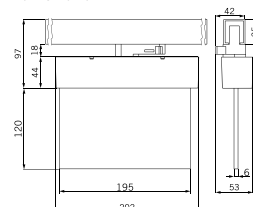
Recessed ceiling banner



Wall banner



Banner for rail

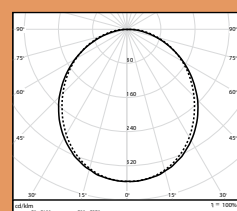
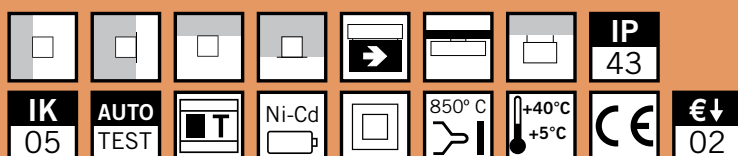


Brick **L** LED



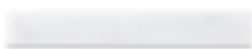
Within the Brick family, the Brick L version allows you to increase the flux range up to 600 lumens, while maintaining all the features; with an extended length, yet still respecting the rest of the model's measurements.

Specifications

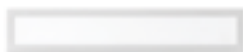


Versions

Surface



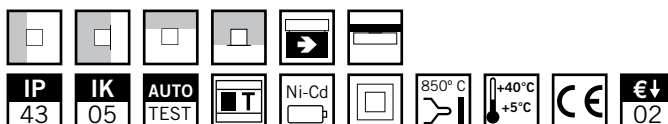
Recessed



Rail adapted



Brick L LED



NOMBRE series L			Packaging: 13 units
Reference	Type (1)	Duration (h)	Flux (lm)
BKL-150	NM	1	150
BKL-400	NM	1	400
BKL-500	NM	1	500
BKL-600	NM	1	600
BKL-302	NM	2	300
BKL-203	NM	3	200
BKL-150P	M	1	150
BKL-400P	M	1	400
BKL-500P	M	1	500
BKL-600P	M	1	600
BKL-302P	M	2	300
BKL-203P	M	3	200
BKL-600S	S	-	600

Possibility of manufacturing different lengths and flux on demand.
(1) NM = Non maintained. M = Maintained. S = Signalling.

Accessories

INSTALLATION

Reference	Description
ACT-BKL	Three-step rail adapter for Brick L
DE-BKL	Recessed ceiling adapter Brick L
DEP-BKL	Recessed wall adapter Brick L

White finish. Available in any other RAL colour. Consult conditions.

SIGNALLING

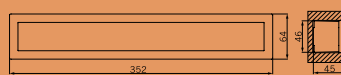
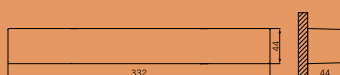
Banner signage

See pages 74-75.

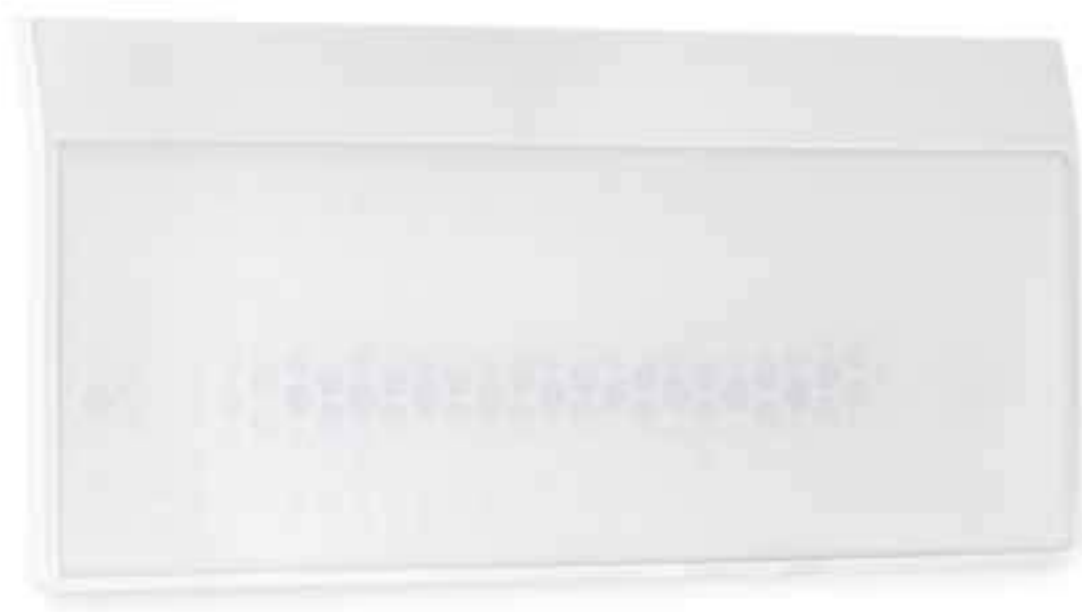
CONTROL

Reference	Description
BT-12	Standby and restart up to 100 luminaires

Dimensions

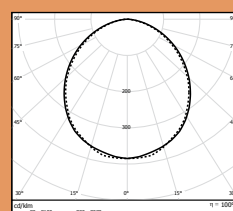
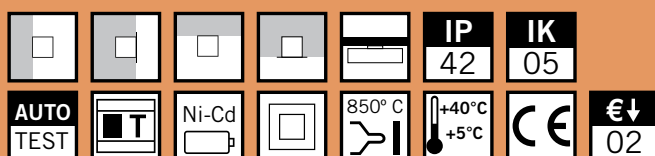


Plat^{LED}



The Plat series is designed to endow the light fitting with a feeling of flight on the wall. It incorporates an innovative textured diffuser that unfolds for easy maintenance. Ideal for the most modern architectural environments.

Specifications





Hospital Sant Joan, Reus.

Versions

Surface



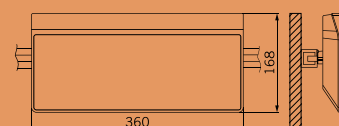
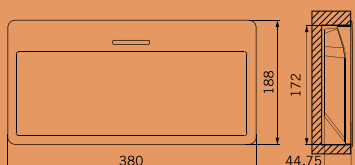
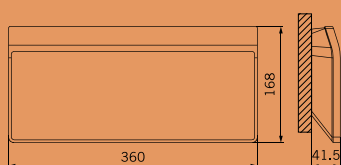
Recessed



Rail adapted










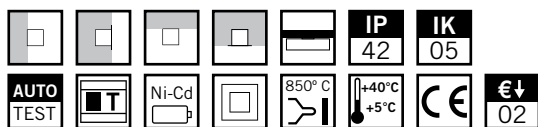
Dimensions





Accessories

INSTALLATION		
Reference	Description	
DE-PT	Ceiling recessed mounting device for the Plat series	
DEP-PT	Wall recessed mounting device for the Plat series	
ACT-PT	Adapter to install the Plat series onto a rail	
White finish. Available in any other RAL colour. Consult conditions.		
SIGNALLING		
		Signs
Reference	Description	Pictograph
R-3600	Right/left "ARROW" sign	
R-3601	Front "ARROW" sign	
R-3602	Right "DOOR" sign	
R-3603	Left "DOOR" sign	
R-3604	Right "EXIT" sign	
R-3605	Left "EXIT" sign	
R-3606	"EXIT at front" sign	
Signs dimensions 340 x 115 mm. Signs available in any language on request. Consult conditions		
CONTROL		
Reference	Description	
BT-12	Standby and restart up to 100 luminaires	



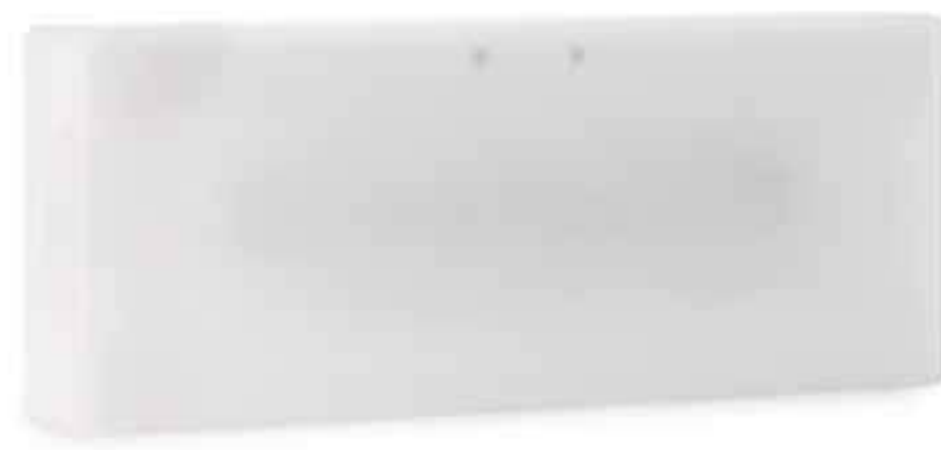
PLAT series		Packaging: 12 units	
Reference	Type (1)	Duration (h)	Flux (lm)
TD-60	NM	1	60
TD-110	NM	1	110
TD-150	NM	1	150
TD-200	NM	1	200
TD-300	NM	1	300
TD-400	NM	1	400
TD-500	NM	1	500
TD-152	NM	2	150
TD-302	NM	2	300
TD-113	NM	3	110
TD-60P	M	1	60
TD-110P	M	1	110
TD-150P	M	1	150
TD-200P	M	1	200
TD-300P	M	1	300
TD-400P	M	1	400
TD-500P	M	1	500
TD-152P	M	2	150
TD-302P	M	2	300
TD-113P	M	3	110
TD-500S	S	-	500

Possibility of manufacturing different lengths and flux on demand.
 (1) NM = Non maintained. M = Maintained. S = Signalling.

PLAT SATI series				Packaging: 12 units
Reference	Test system	Type (1)	Duration (h)	Flux (lm)
TD-60ST	SATI	NM	1	60
TD-110ST	SATI	NM	1	110
TD-150ST	SATI	NM	1	150
TD-200ST	SATI	NM	1	200
TD-300ST	SATI	NM	1	300
TD-400ST	SATI	NM	1	400
TD-152ST	SATI	NM	2	150
TD-302ST	SATI	NM	2	300
TD-113ST	SATI	NM	3	110
TD-60PST	SATI	M	1	60
TD-110PST	SATI	M	1	110
TD-150PST	SATI	M	1	150
TD-200PST	SATI	M	1	200
TD-300PST	SATI	M	1	300
TD-400PST	SATI	M	1	400
TD-152PST	SATI	M	2	150
TD-302PST	SATI	M	2	300
TD-113PST	SATI	M	3	110

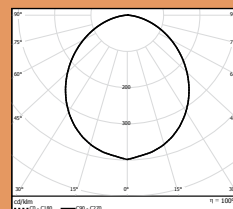
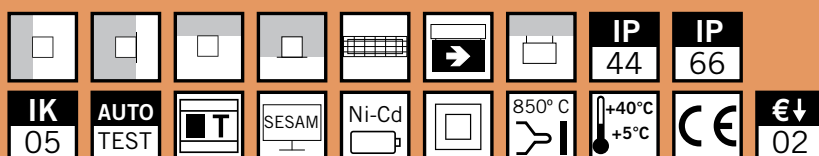
Possibility of manufacturing different lengths and flux on demand.
 (1) NM = Non maintained. M = Maintained. S = Signalling.

Optima^{LED}



Range of emergency luminaires with a minimalist design and maximum functionality for use as surface, recessed or watertight luminaires. Optima is integrated into the space and meets the required technical specifications.

Specifications





Hospital Sant Joan, Reus.

Versions

Surface



Recessed



Waterproof



Banner



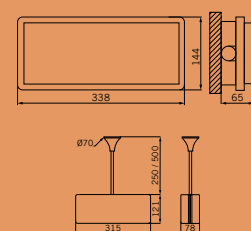
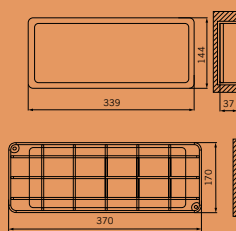
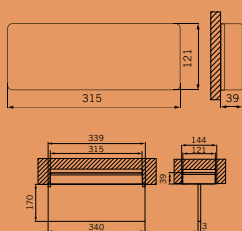
Vandalproof



Suspended



Dimensions



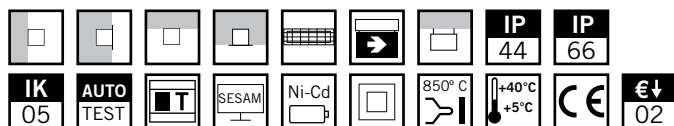


Myrtus Congress Centre, Valencia.

Accessories

INSTALLATION		
Reference	Description	
DE-OP8	Ceiling recessed mounting device the Optima series	
DEP-OP8	Wall recessed mounting device for the Optima series	
CE-OP	IP66 IK08 waterproof device for Optima Series	
DA-OP	Vandalproof device for the Optima IK10 series	
SR-25*	Rigid suspension 250mm for the Optima series	
SR-50*	Rigid suspension 500mm for the Optima series	
White finish. Available in any other RAL colour. Consult conditions.		
(*) The device is used to suspend two luminaires connected by their pre-plate.		
SIGNALLING		
Banner signage		
Reference	Description	
SB-OP8	Banner signage for the Optima series	
Signs		
Reference	Description	Pictograph
R-3300	Right/left "ARROW" sign	➡
R-3301	Front "ARROW" sign	⬇
R-3302	Right "DOOR" sign	➡
R-3303	Left "DOOR" sign	⬅
R-3304	Right "EXIT" sign	➡
R-3305	Left "EXIT" sign	⬅
R-3306	"EXIT at front" sign	➡
Signs dimensions 305 x 110 mm. Signs available in any language on request. Consult conditions.		
CONTROL		
Reference	Description	
BT-12	Standby and restart up to 100 luminaires	

Optima^{LED}



OPTIMA series			Packaging: 15 units
Reference	Type (1)	Duration (h)	Flux (lm)
OD-60	NM	1	60
OD-110	NM	1	110
OD-150	NM	1	150
OD-200	NM	1	200
OD-300	NM	1	300
OD-400	NM	1	400
OD-500	NM	1	500
OD-152	NM	2	150
OD-302	NM	2	300
OD-113	NM	3	110
OD-60P	M	1	60
OD-110P	M	1	110
OD-150P	M	1	150
OD-200P	M	1	200
OD-300P	M	1	300
OD-400P	M	1	400
OD-500P	M	1	500
OD-152P	M	2	150
OD-302P	M	2	300
OD-113P	M	3	110
OD-500S	S	-	500

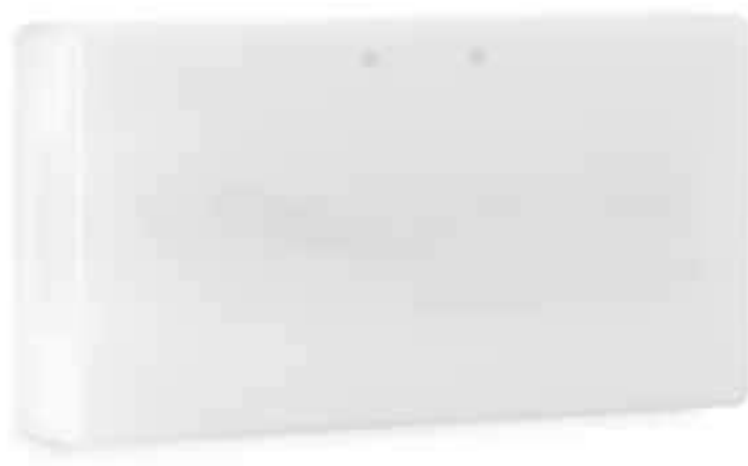
Possibility of manufacturing different lengths and flux on demand.
(1) NM = Non maintained. M = Maintained. S = Signalling.

Optima^{LED} SATI / SESAM

OPTIMA SATI series / OPTIMA SESAM series					Packaging: 15 units	
Reference		Test system		Type (1)	Duration (h)	Flux (lm)
OD-60ST	OD-60SS	SATI	SESAM	NM	1	60
OD-110ST	OD-110SS	SATI	SESAM	NM	1	110
OD-150ST	OD-150SS	SATI	SESAM	NM	1	150
OD-200ST	OD-200SS	SATI	SESAM	NM	1	200
OD-300ST	OD-300SS	SATI	SESAM	NM	1	300
OD-400ST	OD-400SS	SATI	SESAM	NM	1	400
OD-500ST	OD-500SS	SATI	SESAM	NM	1	500
OD-152ST	OD-152SS	SATI	SESAM	NM	2	150
OD-302ST	OD-302SS	SATI	SESAM	NM	2	300
OD-113ST	OD-113SS	SATI	SESAM	NM	3	110
OD-60PST	OD-60PSS	SATI	SESAM	M	1	60
OD-110PST	OD-110PSS	SATI	SESAM	M	1	110
OD-150PST	OD-150PSS	SATI	SESAM	M	1	150
OD-200PST	OD-200PSS	SATI	SESAM	M	1	200
OD-300PST	OD-300PSS	SATI	SESAM	M	1	300
OD-400PST	OD-400PSS	SATI	SESAM	M	1	400
OD-500PST	OD-500PSS	SATI	SESAM	M	1	500
OD-152PST	OD-152PSS	SATI	SESAM	M	2	150
OD-302PST	OD-302PSS	SATI	SESAM	M	2	300
OD-113PST	OD-113PSS	SATI	SESAM	M	3	110

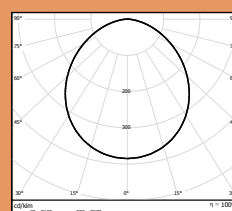
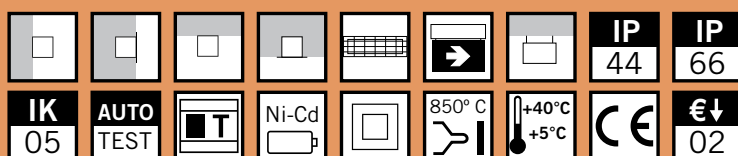
Possibility of manufacturing different lengths and flux on demand.
(1) NM = Non maintained. M = Maintained.

Premier LED



A compact design, with pure shapes and a reduced format, make Premier a visible but non-dominant light fitting capable of adapting to the architectural and aesthetic needs of any environment with maximum technological performance.

Specifications





Versions

Surface



Recessed



Waterproof



Banner



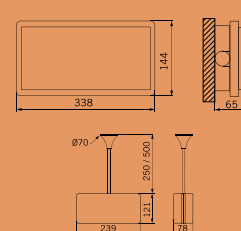
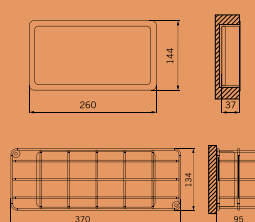
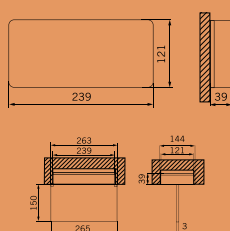
Vandalproof



Suspended



Dimensions

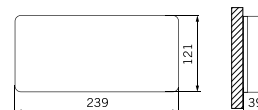
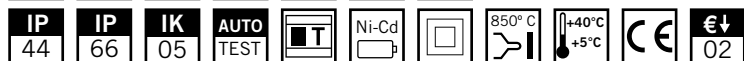
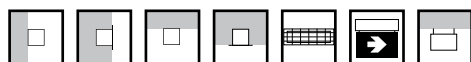




Accessories

INSTALLATION		
Reference	Description	
DE-PR	Ceiling recessed device for the Premier series	
DEP-PR	Recessed wall mounting device for the Premier series	
CE-PR	IP66 IK08 waterproof enclosure for the Premier series	
DA-RF	Vandalproof device IK10	
SR-25*	250mm rigid suspension for the Premier series	
SR-50*	500mm rigid suspension for the Premier series	
White finish. Available in any other RAL colour. Consult conditions.		
(*) The device is used to suspend two luminaires connected by their pre-plate.		
SIGNALLING		
Banner signage		
Reference	Description	
SB-PR	Banner signage for the Premier series	
Signs		
Reference	Description	Pictograph
R-3200	Right/left "ARROW" sign	→
R-3201	Front "ARROW" sign	↓
R-3202	Right "DOOR" sign	→
R-3203	Left "DOOR" sign	←
R-3204	Right "EXIT" sign	→
R-3205	Left "EXIT" sign	←
R-3206	"EXIT at front" sign	→
Signs dimensions 226 x 110 mm. Signs available in any language on request. Consult conditions.		
CONTROL		
Reference	Description	
BT-12	Standby and restart up to 100 luminaires	

Premier^{LED}



PREMIER series			Packaging: 20 units
Reference	Type (1)	Duration (h)	Flux (lm)
PD-60	NM	1	60
PD-110	NM	1	110
PD-150	NM	1	150
PD-200	NM	1	200
PD-300	NM	1	300
PD-400	NM	1	400
PD-500	NM	1	500
PD-152	NM	2	60
PD-302	NM	2	300
PD-113	NM	3	110
PD-60P	M	1	60
PD-110P	M	1	110
PD-150P	M	1	150
PD-200P	M	1	200
PD-300P	M	1	300
PD-400P	M	1	400
PD-500P	M	1	500
PD-152P	M	2	150
PD-302P	M	2	300
PD-113P	M	3	110
PD-500S	S	-	500

Possibility of manufacturing different lengths and flux on demand.
(1) NM = Non maintained, M = Maintained, S = Signalling.

Premier^{LED} SATI

PREMIER SATI series				Packaging: 20 units
Reference	Test system	Type (1)	Duration (h)	Flux (lm)
PD-60ST	SATI	NM	1	60
PD-110ST	SATI	NM	1	110
PD-150ST	SATI	NM	1	150
PD-200ST	SATI	NM	1	200
PD-300ST	SATI	NM	1	300
PD-400ST	SATI	NM	1	400
PD-500ST	SATI	NM	1	500
PD-152ST	SATI	NM	2	150
PD-302ST	SATI	NM	2	300
PD-113ST	SATI	NM	3	110
PD-60PST	SATI	M	1	60
PD-110PST	SATI	M	1	110
PD-150PST	SATI	M	1	150
PD-200PST	SATI	M	1	200
PD-300PST	SATI	M	1	300
PD-400PST	SATI	M	1	400
PD-500PST	SATI	M	1	500
PD-152PST	SATI	M	2	150
PD-302PST	SATI	M	2	300
PD-113PST	SATI	M	3	110

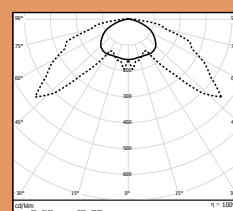
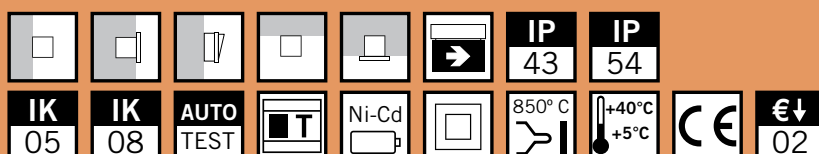
Possibility of manufacturing different lengths and flux on demand.
(1) NM = Non maintained, M = Maintained.

Euroslim^{LED}



Euroslim is characterised by a range of luminaires that can be customised through different diffusers and finishes. In addition, its design allows the maximum use of the luminous flux. There are Euroslim versions especially indicated for signage, highly suitable for offices and public spaces

Specifications





Versions

Surface



Empotrada



Banner



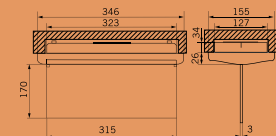
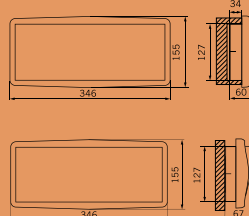
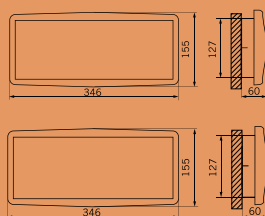
Waterproof



Asymmetric diffuser












Dimensions

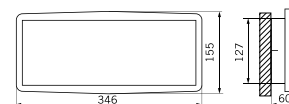
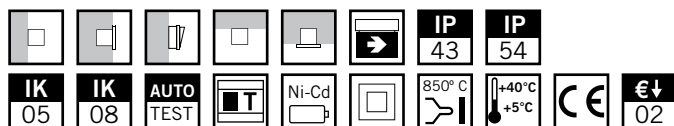




Accessories

INSTALLATION		
Reference	Description	
PLA-921	Opal symmetrical diffuser for Euroslim series	
PLA-922	Asymmetric opal diffuser for the Euroslim series	
PLA-919	Transparent asymmetric diffuser for the Euroslim series	
EU-5	Wall recessed device for the Euroslim series	
EU-XXXX6	IP54 IK08 waterproof rating option	
White finish. Available in any other RAL colour. Consult conditions.		
SIGNALLING		
		Banner signage
Reference	Description	
SB-EU	Banner signage for the Euroslim series	
EU-7*	"Left door exit" or "Right door exit" signaling	
EU-8*	Signalling "Front door exit"	
(*) Optimised diffuser + marking plate. Can be used with any light fitting in the Euroslim series. Signal plate 8mm thick. Screen-printed pictogram. It is recommended for use with permanent luminaires.		
		Signs
Reference	Description	Pictograph
R-3700	Right/left "ARROW" sign	
R-3701	Front "ARROW" sign	
R-3702	Right "DOOR" sign	
R-3703	Left "DOOR" sign	
R-3704	Right "EXIT" sign	
R-3705	Left "EXIT" sign	
R-3706	"EXIT at front" sign	
Signs dimensions 315 x 120 mm. Signs available in any language on request. Consult conditions.		
CONTROL		
Reference	Description	
BT-12	Standby and restart up to 100 luminaires	

Euroslim^{LED}



EUROSLIM series			Packaging: 12 units
Reference	Type (1)	Duration (h)	Flux (lm)
ED-60	NM	1	60
ED-110	NM	1	110
ED-150	NM	1	150
ED-200	NM	1	200
ED-300	NM	1	300
ED-400	NM	1	400
ED-500	NM	1	500
ED-152	NM	2	150
ED-302	NM	2	300
ED-113	NM	3	110
ED-60P	M	1	60
ED-110P	M	1	110
ED-150P	M	1	150
ED-200P	M	1	200
ED-300P	M	1	300
ED-400P	M	1	400
ED-500P	M	1	500
ED-152P	M	2	150
ED-302P	M	2	300
ED-113P	M	3	110
ED-500S	S	-	500

Possibility of manufacturing different lengths and flux on demand.
 (1) NM = Non maintained. M = Maintained. S = Signalling.

Euroslim^{LED} SATI

EUROSLIM SATI series				Packaging: 12 units
Reference	Test system	Type (1)	Duration (h)	Flux (lm)
ED-60ST	SATI	NM	1	60
ED-110ST	SATI	NM	1	110
ED-150ST	SATI	NM	1	150
ED-200ST	SATI	NM	1	200
ED-300ST	SATI	NM	1	300
ED-400ST	SATI	NM	1	400
ED-500ST	SATI	NM	1	500
ED-152ST	SATI	NM	2	150
ED-302ST	SATI	NM	2	300
ED-113ST	SATI	NM	3	110
ED-60PST	SATI	M	1	60
ED-110PST	SATI	M	1	110
ED-150PST	SATI	M	1	150
ED-200PST	SATI	M	1	200
ED-300PST	SATI	M	1	300
ED-400PST	SATI	M	1	400
ED-500PST	SATI	M	1	500
ED-152PST	SATI	M	2	150
ED-302PST	SATI	M	2	300
ED-113PST	SATI	M	3	110

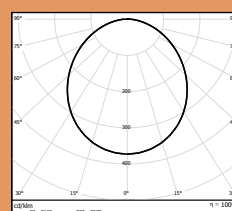
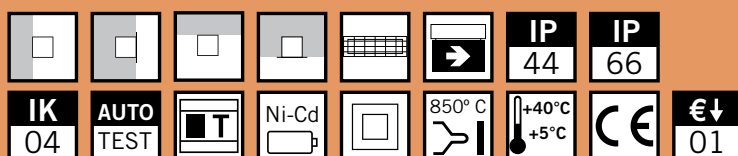
Possibility of manufacturing different lengths and flux on demand.
 (1) NM = Non maintained. M = Maintained.

Evolution LED



Developed as an evolution of our basic range of self-contained emergency luminaires, Evolution is ideal for both surface and flush installation, respecting any architectural environment.

Specifications





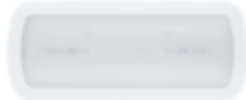
Casablanca Logistics Platform,
Cabanillas del Campo.

Versions

Surface



Recessed



Banner



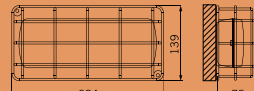
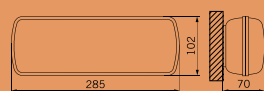
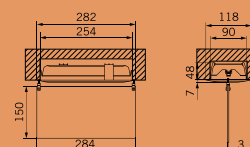
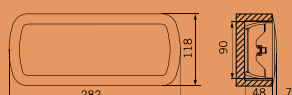
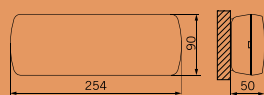
Waterproof



Vandalproof



Dimensions












Accessories

INSTALLATION	
Reference	Description
DE-EVO	Ceiling recessed device for the Evolution series
DEP-EVO	Recessed wall mounting device for the Evolution series
DS-EVO	Replacement device for the Evolution series
DA-RF*	Vandalproof device IK10
White finish. Available in any other RAL colour. Consult conditions.	
(*) Available for the Evolution and Evolution Waterproof series.	

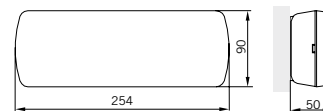
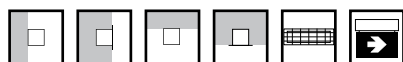
SIGNALLING	
Banner signage	
Reference	Description
SB-EVO	Banner signage for the Evolution series
The banner signage signs will correspond to the Premier series, see page 30.	

Signs		
Reference	Description	Pictograph
R-1100	Right/left "ARROW" sign	
R-1101	Front "ARROW" sign	
R-1102	Right "DOOR" sign	
R-1103	Left "DOOR" sign	
R-1104	Right "EXIT" sign	
R-1105	Left "EXIT" sign	
R-1106	"EXIT at front" sign	

Signs dimensions 225 x 70 mm. These signs are for adhesion to the Evolution diffuser series.
Signs available in any language on request. Consult conditions

CONTROL	
Reference	Description
BT-12	Standby and restart up to 100 luminaires

Evolution LED



EVOLUTION series Packaging: 20 units

Reference	Type (1)	Duration (h)	Flux (lm)
EVO-60	NM	1	60
EVO-110	NM	1	110
EVO-150	NM	1	150
EVO-200	NM	1	200
EVO-300	NM	1	300
EVO-400	NM	1	400
EVO-500	NM	1	500
EVO-152	NM	2	150
EVO-302	NM	2	300
EVO-113	NM	3	110
EVO-60P	M	1	60
EVO-110P	M	1	110
EVO-150P	M	1	150
EVO-200P	M	1	200
EVO-300P	M	1	300
EVO-400P	M	1	400
EVO-500P	M	1	500
EVO-152P	M	2	60
EVO-302P	M	2	300
EVO-113P	M	3	110
EVO-500S	S	-	500

Possibility of manufacturing different lengths and flux on demand.
(1) NM = Non maintained. M = Maintained. S = Signalling.

Evolution LED SATI

EVOLUTION SATI series Packaging: 20 units

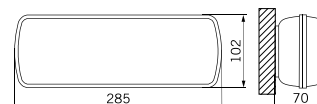
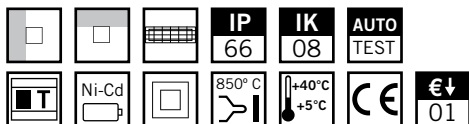
Reference	Test system	Type (1)	Duration (h)	Flux (lm)
EVO-60ST	SATI	NM	1	60
EVO-110ST	SATI	NM	1	110
EVO-150ST	SATI	NM	1	150
EVO-200ST	SATI	NM	1	200
EVO-300ST	SATI	NM	1	300
EVO-400ST	SATI	NM	1	400
EVO-500ST	SATI	NM	1	500
EVO-152ST	SATI	NM	2	150
EVO-302ST	SATI	NM	2	300
EVO-113ST	SATI	NM	3	110
EVO-60PST	SATI	M	1	60
EVO-110PST	SATI	M	1	110
EVO-150PST	SATI	M	1	150
EVO-200PST	SATI	M	1	200
EVO-300PST	SATI	M	1	300
EVO-400PST	SATI	M	1	400
EVO-500PST	SATI	M	1	500
EVO-152PST	SATI	M	2	150
EVO-302PST	SATI	M	2	300
EVO-113PST	SATI	M	3	110

Possibility of manufacturing different lengths and flux on demand.
(1) NM = Non maintained. M = Maintained.



*Casablanca Logistics Platform,
Cabanillas del Campo.*

Evolution^{LED} WATERPROOF



EVOLUTION WATERPROOF series			Packaging: 20 units
Reference	Type (1)	Duration (h)	Flux (lm)
EVO-60EST	NM	1	60
EVO-110EST	NM	1	110
EVO-150EST	NM	1	150
EVO-200EST	NM	1	200
EVO-300EST	NM	1	300
EVO-400EST	NM	1	400
EVO-500EST	NM	1	500
EVO-152EST	NM	2	150
EVO-302EST	NM	2	300
EVO-113EST	NM	3	110
EVO-60PEST	M	1	60
EVO-110PEST	M	1	110
EVO-150PEST	M	1	150
EVO-200PEST	M	1	200
EVO-300PEST	M	1	300
EVO-400PEST	M	1	400
EVO-500PEST	M	1	500
EVO-152PEST	M	2	150
EVO-302PEST	M	2	300
EVO-113PEST	M	3	110
EVO-500SEST	S	-	500

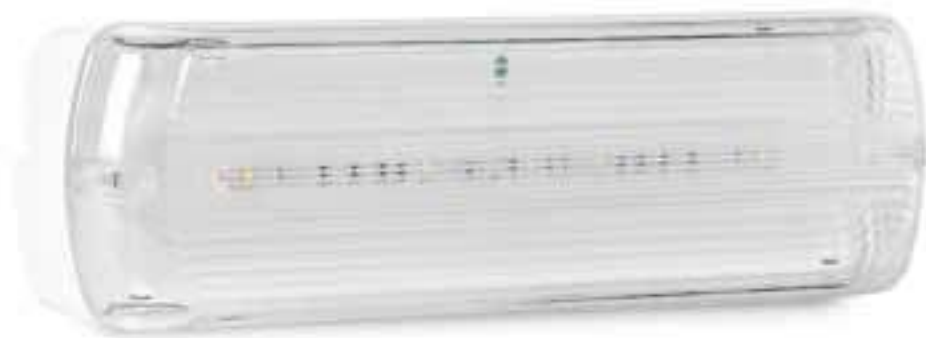
Possibility of manufacturing different lengths and flux on demand.
(1) NM = Non maintained. M = Maintained. S = Signalling.

Evolution^{LED} WATERPROOF SATI

EVOLUTION WATERPROOF SATI series				Packaging: 20 units
Reference	Test system	Type (1)	Duration (h)	Flux (lm)
EVO-60ESTST	SATI	NM	1	60
EVO-110ESTST	SATI	NM	1	110
EVO-150ESTST	SATI	NM	1	150
EVO-200ESTST	SATI	NM	1	200
EVO-300ESTST	SATI	NM	1	300
EVO-400ESTST	SATI	NM	1	400
EVO-500ESTST	SATI	NM	1	500
EVO-152ESTST	SATI	NM	2	150
EVO-302ESTST	SATI	NM	2	300
EVO-113ESTST	SATI	NM	3	110
EVO-60PESTST	SATI	M	1	60
EVO-110PESTST	SATI	M	1	110
EVO-150PESTST	SATI	M	1	150
EVO-200PESTST	SATI	M	1	200
EVO-300PESTST	SATI	M	1	300
EVO-400PESTST	SATI	M	1	400
EVO-500PESTST	SATI	M	1	500
EVO-152PESTST	SATI	M	2	150
EVO-302PESTST	SATI	M	2	300
EVO-113PESTST	SATI	M	3	110

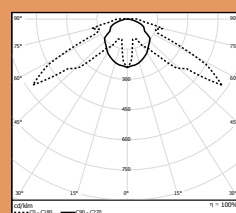
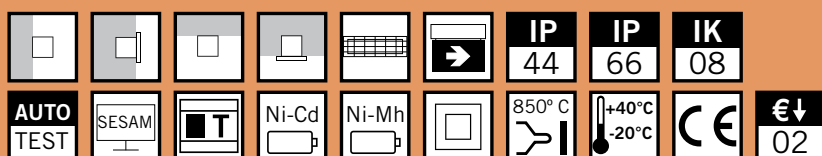
Possibility of manufacturing different lengths and flux on demand.
(1) NM = Non maintained. M = Maintained..

Rectangular LED



Rectangular is a complete range of luminaires with a standard and essential design that allows its use in a wide range of environments. Its watertight version is particularly suitable for installations requiring a greater degree of protection.

Specifications





Versions

Surface



Empotrada



Banner



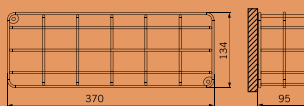
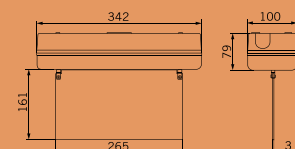
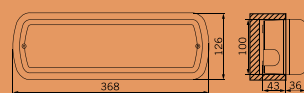
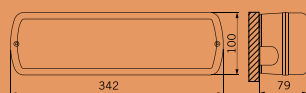
Waterproof



Vandalproof










Dimensions

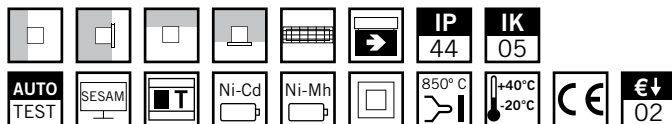
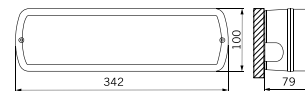




Accessories

INSTALLATION		
Reference	Description	
DE-RF	Ceiling recessed device for the Rectangular series	
DA-RF	Vandalproof device IK10	
Device to recessed white finish. Available in any other RAL colour. Consult conditions.		
SIGNALLING		
		Banner signage
Reference	Description	
SB-RF	Banner signage for the Rectangular series	
The banner signage signs will correspond to the Premier series, see page 30.		
		Signs
Reference	Description	Pictograph
R-3400	Right/left "ARROW" sign	
R-3401	Front "ARROW" sign	
R-3402	Right "DOOR" sign	
R-3403	Left "DOOR" sign	
R-3404	Right "EXIT" sign	
R-3405	Left "EXIT" sign	
R-3406	"EXIT at front" sign	
Signs dimensions 300 x 100 mm. These signs are for adhesion to the diffuser of the Rectangular series. Signs available in any language on request. Consult conditions		
CONTROL		
Reference	Description	
BT-12	Standby and restart up to 100 luminaires	

Rectangular LED



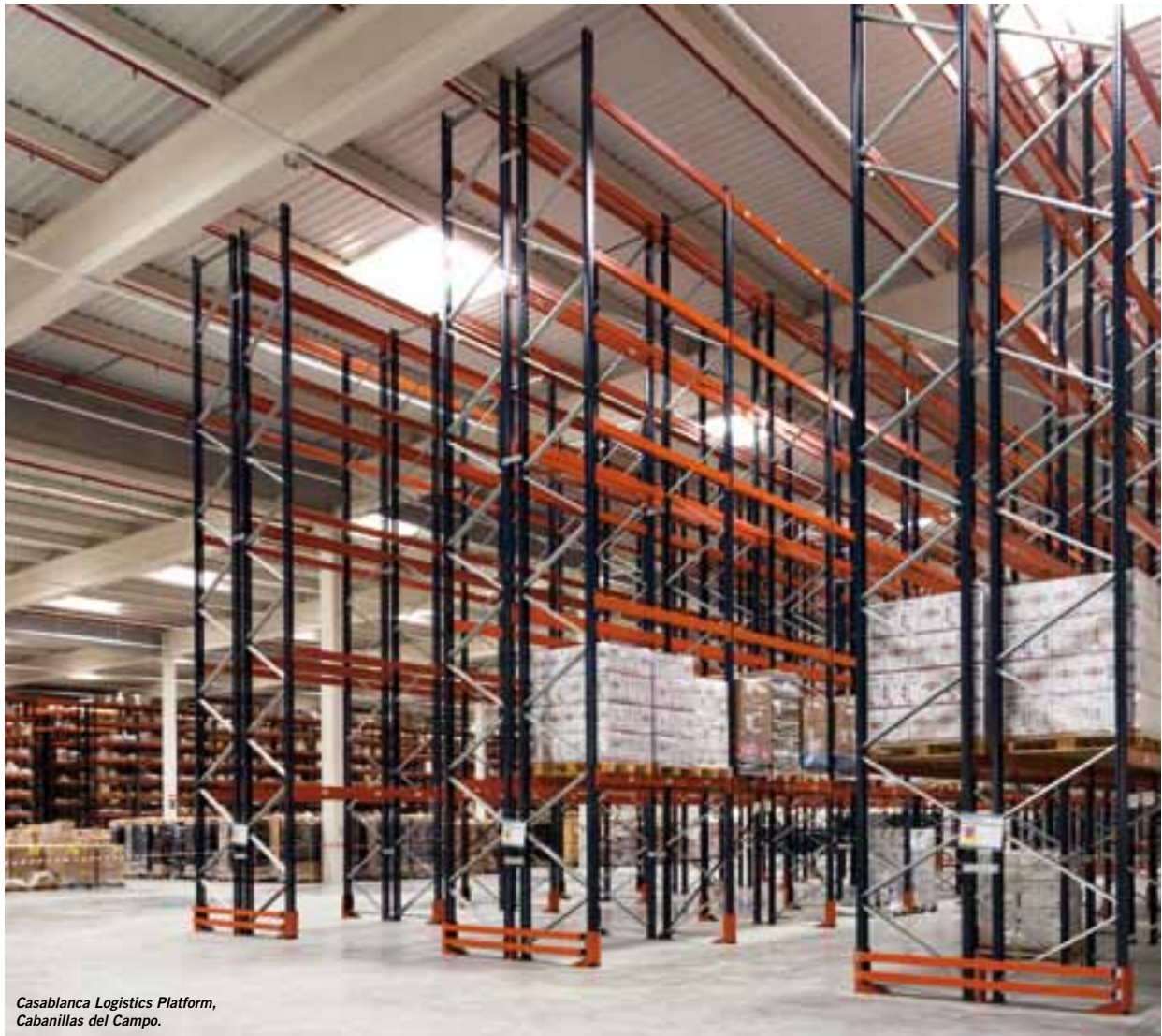
RECTANGULAR series			Packaging: 12 units
Reference	Type (1)	Duration (h)	Flux (lm)
RD-60	NM	1	60
RD-110	NM	1	110
RD-150	NM	1	150
RD-200	NM	1	200
RD-300	NM	1	300
RD-400	NM	1	400
RD-500	NM	1	500
RD-800	NM	1	800
RD-152	NM	2	60
RD-302	NM	2	300
RD-113	NM	3	110
RD-60P	M	1	60
RD-110P	M	1	110
RD-150P	M	1	150
RD-200P	M	1	200
RD-300P	M	1	300
RD-400P	M	1	400
RD-500P	M	1	500
RD-800P	M	1	800
RD-152P	M	2	150
RD-302P	M	2	300
RD-113P	M	3	110
RD-500S	S	-	500

Possibility of manufacturing different lengths and flux on demand.
(1) NM = Non maintained. M = Maintained. S = Signalling.

Rectangular LED SATI / SESAM








RECTANGULAR SATI series / RECTANGULAR SESAM series				Packaging: 12 units		
Reference		Test system		Type (1)	Duration (h)	Flux (lm)
RD-60ST	RD-60SS	SATI	SESAM	NM	1	60
RD-110ST	RD-110SS	SATI	SESAM	NM	1	110
RD-150ST	RD-150SS	SATI	SESAM	NM	1	150
RD-200ST	RD-200SS	SATI	SESAM	NM	1	200
RD-300ST	RD-300SS	SATI	SESAM	NM	1	300
RD-400ST	RD-400SS	SATI	SESAM	NM	1	400
RD-500ST	RD-500SS	SATI	SESAM	NM	1	500
RD-800ST	RD-800SS	SATI	SESAM	NM	1	800
RD-152ST	RD-152SS	SATI	SESAM	NM	2	150
RD-302ST	RD-302SS	SATI	SESAM	NM	2	300
RD-113ST	RD-113SS	SATI	SESAM	NM	3	110
RD-60PST	RD-60PSS	SATI	SESAM	M	1	60
RD-110PST	RD-110PSS	SATI	SESAM	M	1	110
RD-150PST	RD-150PSS	SATI	SESAM	M	1	150
RD-200PST	RD-200PSS	SATI	SESAM	M	1	200
RD-300PST	RD-300PSS	SATI	SESAM	M	1	300
RD-400PST	RD-400PSS	SATI	SESAM	M	1	400
RD-500PST	RD-500PSS	SATI	SESAM	M	1	500
RD-800PST	RD-800PSS	SATI	SESAM	M	1	800
RD152PST	RD-152PSS	SATI	SESAM	M	2	150
RD-302PST	RD-302PSS	SATI	SESAM	M	2	300
RD-113PST	RD-113PSS	SATI	SESAM	M	3	110

Possibility of manufacturing different lengths and flux on demand.
(1) NM = Non maintained. M = Maintained.

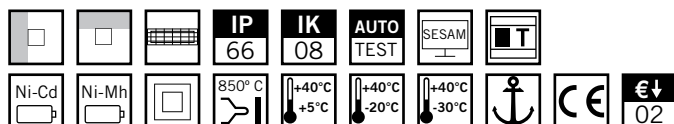
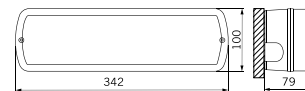


*Casablanca Logistics Platform,
Cabanillas del Campo.*

Accessories

INSTALLATION		
Reference	Description	
DA-RF	Vandalproof device IK10	
SIGNALLING		
		Signs
Reference	Description	Pictograph
R-3400	Right/left "ARROW" sign	
R-3401	Front "ARROW" sign	
R-3402	Right "DOOR" sign	
R-3403	Left "DOOR" sign	
R-3404	Right "EXIT" sign	
R-3405	Left "EXIT" sign	
R-3406	"EXIT at front" sign	
Signs dimensions 300 x 100 mm. These signs are for adhesion to the diffuser of the Rectangular series. Signs available in any language on request. Consult conditions		
CONTROL		
Reference	Description	
BT-12	Standby and restart up to 100 luminaires	

Rectangular LED WATERPROOF



RECTANGULAR WATERPROOF series			Packaging: 12 units
Reference	Type (1)	Duration (h)	Flux (lm)
RD-606	NM	1	60
RD-1106	NM	1	110
RD-1506	NM	1	150
RD-2006	NM	1	200
RD-3006	NM	1	300
RD-4006	NM	1	400
RD-5006	NM	1	500
RD-8006	NM	1	800
RD-1526	NM	2	150
RD-3026	NM	2	300
RD-1136	NM	3	110
RD-606P	M	1	60
RD-1106P	M	1	110
RD-1506P	M	1	150
RD-2006P	M	1	200
RD-3006P	M	1	300
RD-4006P	M	1	400
RD-5006P	M	1	500
RD-8006P	M	1	800
RD-1526P	M	2	150
RD-3026P	M	2	300
RD-1136P	M	3	110
RD-5006S	S	-	500
RD-3006S/24*	S	-	300
RD-1506F30**	NM	1	150
RD-1506PF30**	M	1	150
RD-3006F20***	NM	1	260
RD-3006PF20***	M	1	260

Possibility of manufacturing different lengths and flux on demand.
 (1) NM = Non maintained. M = Maintained. S = Signalling.
 (*) For use in naval applications.

(**) For use in cold rooms with operating temperatures down to -30 °C.
 (***) For use in cold rooms with operating temperatures down to -20 °C.

Rectangular LED WATERPROOF SATI / SESAM

RECTANGULAR WATERPROOF SATI series / RECTANGULAR WATERPROOF SESAM series					Packaging: 12 units	
Reference	Test system		Type (1)	Duration (h)	Flux (lm)	
RD-606ST	RD-606SS	SATI	SESAM	NM	1	60
RD-1106ST	RD-1106SS	SATI	SESAM	NM	1	110
RD-1506ST	RD-1506SS	SATI	SESAM	NM	1	150
RD-2006ST	RD-2006SS	SATI	SESAM	NM	1	200
RD-3006ST	RD-3006SS	SATI	SESAM	NM	1	300
RD-4006ST	RD-4006SS	SATI	SESAM	NM	1	400
RD-5006ST	RD-5006SS	SATI	SESAM	NM	1	500
RD-8006ST	RD-8006SS	SATI	SESAM	NM	1	800
RD-1526ST	RD-1526SS	SATI	SESAM	NM	2	150
RD-3026ST	RD-3026SS	SATI	SESAM	NM	2	300
RD-1136ST	RD-1136SS	SATI	SESAM	NM	3	110
RD-606PST	RD-606PSS	SATI	SESAM	M	1	60
RD-1106PST	RD-1106PSS	SATI	SESAM	M	1	110
RD-1506PST	RD-1506PSS	SATI	SESAM	M	1	150
RD-2006PST	RD-2006PSS	SATI	SESAM	M	1	200
RD-3006PST	RD-3006PSS	SATI	SESAM	M	1	300
RD-4006PST	RD-4006PSS	SATI	SESAM	M	1	400
RD-5006PST	RD-5006PSS	SATI	SESAM	M	1	500
RD-8006PST	RD-8006PSS	SATI	SESAM	M	1	800
RD-1526PST	RD-1526PSS	SATI	SESAM	M	2	150
RD-3026PST	RD-3026PSS	SATI	SESAM	M	2	300
RD-1136PST	RD-1136PSS	SATI	SESAM	M	3	110

Possibility of manufacturing different lengths and flux on demand.

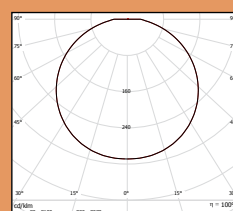
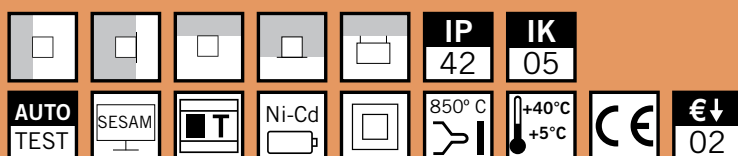
(1) NM = Non maintained. M = Maintained.

Globe LED



Range of circular luminaires characterised by their minimum thickness, ensuring a good integration and guaranteeing minimum invasion of space.

Specifications





Versions

Surface



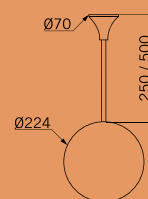
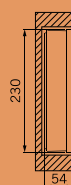
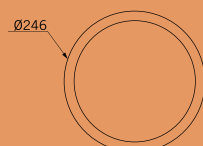
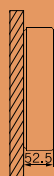
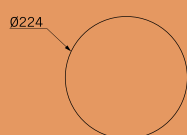
Recessed



Suspended






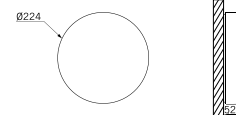
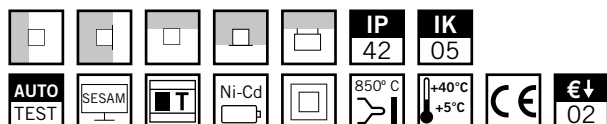
Dimensions





Accessories

INSTALLATION		
Reference	Description	
DE-GL	Ceiling recessed device for the Globe series	
DEP-GL	Recessed wall mounting device for the Globe series	
SR-25*	Rigid suspension 250mm for Globe series	
SR-50*	500mm rigid suspension for Globe series	
White finish. Available in any other RAL colour. Consult conditions.		
(*) The device is used to suspend two luminaires connected by their pre-plate.		
SIGNALLING		
	Signs	
Reference	Description	Pictograph
R-3800	Right/left/Front "ARROW" sign	
R-3802	Right "DOOR" sign	
R-3803	Left "DOOR" sign	
Signs dimensions 138 x 138 mm. Signs available with other pictograms. Consult conditions		
CONTROL		
Reference	Description	
BT-12	Standby and restart up to 100 luminaires	



GLOBE series			Packaging: 10 units
Reference	Type (1)	Duration (h)	Flux (lm)
GD-150	NM	1	150
GD-300	NM	1	300
GD-112	NM	2	110
GD-202	NM	2	200
GD-153	NM	3	150
GD-150P	M	1	150
GD-300P	M	1	300
GD-112P	M	2	110
GD-202P	M	2	200
GD-153P	M	3	150
GD-500S	S	-	500

Possibility of manufacturing different lengths and flux on demand.
(1) NM = Non maintained. M = Maintained. S = Signalling.

Globe LED SATI

GLOBE SATI series				Packaging: 10 units
Reference	Test system	Type (1)	Duration (h)	Flux (lm)
GD-150ST	SATI	NM	1	150
GD-300ST	SATI	NM	1	300
GD-112ST	SATI	NM	2	110
GD-202ST	SATI	NM	2	200
GD-153ST	SATI	NM	3	150
GD-150PST	SATI	M	1	150
GD-300PST	SATI	M	1	300
GD-112PST	SATI	M	2	110
GD-202PST	SATI	M	2	200
GD-153PST	SATI	M	3	150

Possibility of manufacturing different lengths and flux on demand.
(1) NM = Non maintained. M = Maintained.

Globe LED SESAM

GLOBE SESAM series				Packaging: 10 units
Reference	Test system	Type (1)	Duration (h)	Flux (lm)
GD-150SS	SESAM	NM	1	150
GD-300SS	SESAM	NM	1	300
GD-112SS	SESAM	NM	2	110
GD-202SS	SESAM	NM	2	200
GD-153SS	SESAM	NM	3	150
GD-150PSS	SESAM	M	1	150
GD-300PSS	SESAM	M	1	300
GD-112PSS	SESAM	M	2	110
GD-202PSS	SESAM	M	2	200
GD-153PSS	SESAM	M	3	150

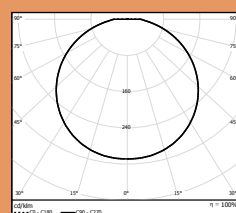
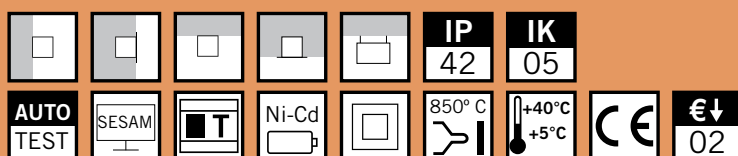
Possibility of manufacturing different lengths and flux on demand.
(1) NM = Non maintained. M = Maintained.

Cube LED



Cube is a light fitting suitable for both surface and recessed applications with a simple design, high formal purity and square format. It is applicable in a wide range of environments, ranging from offices, hotels, showrooms to shared areas.

Specifications





Hospital Sant Joan, Reus.

Versions

Surface



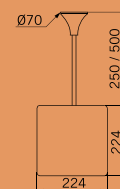
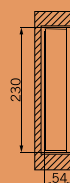
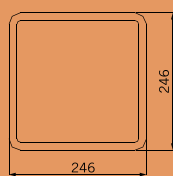
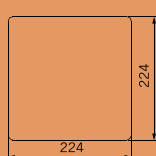
Recessed



Suspended






Dimensions

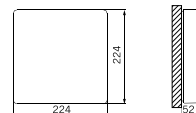
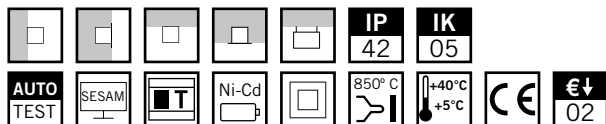




Accessories

INSTALLATION		
Reference	Description	
DE-CU	Ceiling recessed device for the Cube series	
DEP-CU	Recessed wall mounting device for the Cube series	
SR-25*	Rigid suspension 250mm for Cube series	
SR-50*	Rigid suspension 500mm for Cube series	
White finish. Available in any other RAL colour. Consult conditions.		
(*) The device is used to suspend two luminaires connected by their pre-plate.		
SIGNALLING		
		Signs
Reference	Description	Pictograph
R-3800	Right/left/Front "ARROW" sign	
R-3802	Right "DOOR" sign	
R-3803	Left "DOOR" sign	
Signs dimensions 138 x 138 mm. Signs available with other pictograms. Consult conditions		
CONTROL		
Reference	Description	
BT-12	Standby and restart up to 100 luminaires	

Cube^{LED}



CUBE series Packaging: 10 units

Reference	Type (1)	Duration (h)	Flux (lm)
CUD-150	NM	1	150
CUD-300	NM	1	300
CUD-112	NM	2	110
CUD-202	NM	2	200
CUD-153	NM	3	150
CUD-150P	M	1	150
CUD-300P	M	1	300
CUD-112P	M	2	110
CUD-202P	M	2	200
CUD-153P	M	3	150
CUD-500S	S	-	500

Possibility of manufacturing different lengths and flux on demand.
(1) NM = Non maintained. M = Maintained. S = Signalling.

Cube^{LED} SATI

CUBE SATI series Packaging: 10 units

Reference	Test system	Type (1)	Duration (h)	Flux (lm)
CUD-150ST	SATI	NM	1	150
CUD-300ST	SATI	NM	1	300
CUD-112ST	SATI	NM	2	110
CUD-202ST	SATI	NM	2	200
CUD-153ST	SATI	NM	3	150
CUD-150PST	SATI	M	1	150
CUD-300PST	SATI	M	1	300
CUD-112PST	SATI	M	2	110
CUD-202PST	SATI	M	2	200
CUD-153PST	SATI	M	3	150

Possibility of manufacturing different lengths and flux on demand.
(1) NM = Non maintained. M = Maintained.

Cube^{LED} SESAM

CUBE SESAM series Packaging: 10 units

Reference	Test system	Type (1)	Duration (h)	Flux (lm)
CUD-150SS	SESAM	NM	1	150
CUD-300SS	SESAM	NM	1	300
CUD-112SS	SESAM	NM	2	110
CUD-202SS	SESAM	NM	2	200
CUD-153SS	SESAM	NM	3	150
CUD-150PSS	SESAM	M	1	150
CUD-300PSS	SESAM	M	1	300
CUD-112PSS	SESAM	M	2	110
CUD-202PSS	SESAM	M	2	200
CUD-153PSS	SESAM	M	3	150

Possibility of manufacturing different lengths and flux on demand.
(1) NM = Non maintained. M = Maintained.



Emergency architectural luminaires

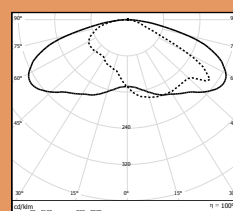
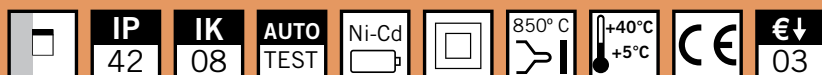
Aline	58
K3	60
K-Lens	64

Aline LED



Emergency architectural luminaire for wall surface installation. Ideal for corridors, as it separates the light beam from the wall, bringing it closer to the center of the evacuation path.

Specifications





Versions

Surface

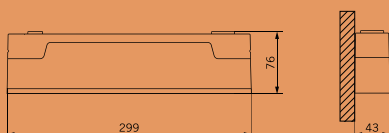


Aline^{LED}

ALINE series			Packaging: 26 units
Reference	Type (1)	Duration (h)	Flux (lm)
LN-250	NM/M	1	250
LN-253	NM/M	3	250

Possibility of manufacturing different lengths and flux on demand.
(1) NM = Non maintained. M = Maintained.
Available with IP44, see conditions.

Dimensions



Aline^{LED} SATI

ALINE SATI series				Packaging: 26 units
Reference	Test system	Type (1)	Duration (h)	Flux (lm)
LN-250	SATI	NM/M	1	270
LN-253	SATI	NM/M	3	270

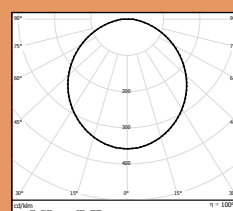
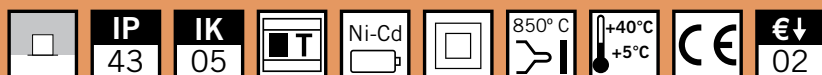
Possibility of manufacturing different lengths and flux on demand.
(1) NM = Non maintained. M = Maintained.
Available with IP44, see conditions.

K3^{LED}



K3 is a small light fitting with excellent technical performance due to the incorporation of LED technology. Thanks to its dimensions and its different finishing options, it integrates completely with the rest of the lighting whilst remaining completely unnoticed.

Specifications





Internacional de Iluminación,
Zaragoza.

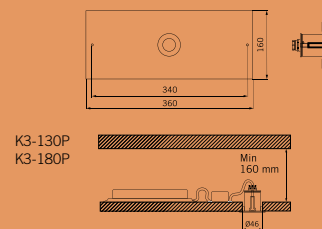
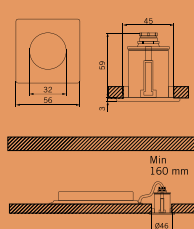
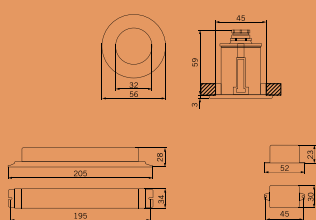
Versions

Round

Square



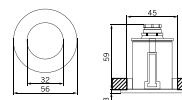
Dimensions





*Casablanca Logistics Platform,
Cabanillas del Campo.*

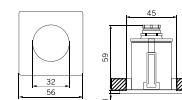
K3^{LED} ROUND



K3 series		Packaging: 30 units	
Reference	Type (1)	Duration (h)	Flux (lm)
K3-50R	NM	1	50
K3-70R	NM	1	70
K3-130R	NM	1	130
K3-180R	NM	1	180
K3-50PR	M	1	50
K3-70PR	M	1	70
K3-130PR	M	1	130
K3-180PR	M	1	180
K3-50SR	S	-	50
K3-70SR	S	-	70
K3-130SR	S	-	130
K3-180SR	S	-	180

Possibility of manufacturing different lengths and flux on demand.
(1) NM = Non maintained. M = Maintained. S = Signalling.

K3^{LED} SQUARE



K3 series		Packaging: 30 units	
Reference	Type (1)	Duration (h)	Flux (lm)
K3-50C	NM	1	50
K3-70C	NM	1	70
K3-130C	NM	1	130
K3-180C	NM	1	180
K3-50PC	M	1	50
K3-70PC	M	1	70
K3-130PC	M	1	130
K3-180PC	M	1	180
K3-50SC	S	-	50
K3-70SC	S	-	70
K3-130SC	S	-	130
K3-180SC	S	-	180

Possibility of manufacturing different lengths and flux on demand.
(1) NM = Non maintained. M = Maintained. S = Signalling.

Accessories

INSTALLATION	
Reference	Description
DS-K3	Replacement device for the K3 series
/BL	White trim
/CB	Polished steel trim
/CM	Chrome with matt finish trim
/GR	Graphite trim
/OR	Golden trim

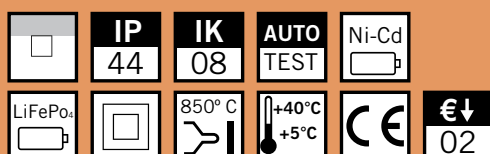
Standard steel finish. Please indicate optional cover on the order form on the back of the product. Example K3-50C/CB

K-Lens^{LED} ROUND

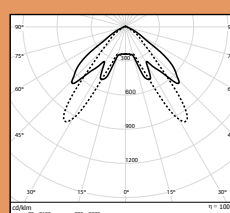


K-Lens is an architectural light fitting with a lens specializing in universal lighting and evacuation routes. Its design offers alternatives in terms of mounting and geometry.

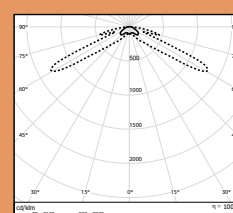
Specifications



Universal lens



Escape route lens





K-Lens^{LED} ROUND

K-LENS ROUND series				Packaging: 10 units
Reference	Type (1)	Lens	Duration (h)	Flux (lm)
KN-120R	NM	Universal	1	130
KN-240R	NM	Universal	1	240
KN-120PR	M	Universal	1	140
KN-240PR	M	Universal	1	250
KN-123R	NM	Universal	3	130
KN-123PR	M	Universal	3	140
KN-243PR	M	Universal	3	250
KN-120R/EV	NM	Escape route	1	130
KN-240R/EV	NM	Escape route	1	240
KN-120PR/EV	M	Escape route	1	140
KN-240PR/EV	M	Escape route	1	240
KN-123R/EV	NM	Escape route	3	130
KN-123PR/EV	M	Escape route	3	140
KN-243PR/EV	M	Escape route	3	240

(1) NM = Non maintained. M = Maintained.
White finish, for other finishes please consult us.
Available with IP65, see conditions

Versions

Surface ceiling

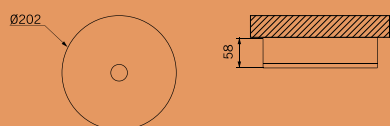


K-Lens^{LED} ROUND SATI

K-LENS ROUND SATI series				Packaging: 10 units	
Reference	Test system	Type (1)	Lens	Duration (h)	Flux (lm)
KN-120PRST	SATI	M	Universal	1	150
KN-240PRST	SATI	M	Universal	1	270
KN-370PRST	SATI	M	Universal	1	390
KN-123PRST	SATI	M	Universal	3	150
KN-243PRST	SATI	M	Universal	3	270
KN-373PRST	SATI	M	Universal	3	390
KN-120PRST/EV	SATI	M	Escape route	1	150
KN-240PRST/EV	SATI	M	Escape route	1	260
KN-370PRST/EV	SATI	M	Escape route	1	370
KN-123PRST/EV	SATI	M	Escape route	3	150
KN-243PRST/EV	SATI	M	Escape route	3	260
KN-373PRST/EV	SATI	M	Escape route	3	370

(1) NM = Non maintained. M = Maintained.
White finish, for other finishes please consult us.
Available with IP65, see conditions.

Dimensions

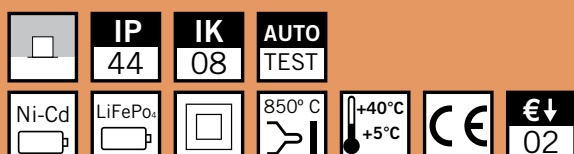


K-Lens^{LED} RECESSED ROUND

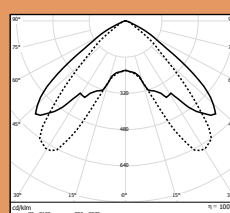


K-Lens is an architectural light fitting with a lens specializing in universal lighting and evacuation routes. Its design offers alternatives in terms of mounting and geometry.

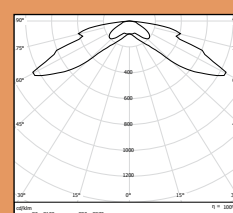
Specifications



Universal lens



Escape route lens





K-Lens^{LED} RECESSED ROUND

K-LENS RECESSED ROUND series				Packaging: 26 units
Reference	Type (1)	Lens	Duration (h)	Flux (lm)
KN-120ER	NM	Universal	1	125
KN-240ER	NM	Universal	1	240
KN-120EPR	M	Universal	1	135
KN-240EPR	M	Universal	1	250
KN-123ER	NM	Universal	3	125
KN-123EPR	M	Universal	3	135
KN-243EPR	M	Universal	3	250
KN-120ER/EV	NM	Escape route	1	125
KN-240ER/EV	NM	Escape route	1	240
KN-120EPR/EV	M	Escape route	1	135
KN-240EPR/EV	M	Escape route	1	250
KN-123ER/EV	NM	Escape route	3	125
KN-123EPR/EV	M	Escape route	3	135
KN-243EPR/EV	M	Escape route	3	240

(1) NM = Non maintained. M = Maintained.
White finish, for other finishes please consult us.
Available with IP65, see conditions.

K-Lens^{LED} RECESSED ROUND SATI

K-LENS RECESSED ROUND SATI series				Packaging: 26 units	
Reference	Test system	Type (1)	Lens	Duration (h)	Flux (lm)
KN-120EPRST	SATI	M	Universal	1	150
KN-240EPRST	SATI	M	Universal	1	270
KN-370EPRST	SATI	M	Universal	1	390
KN-123EPRST	SATI	M	Universal	3	150
KN-243EPRST	SATI	M	Universal	3	270
KN-373EPRST	SATI	M	Universal	3	390
KN-120EPRST/EV	SATI	M	Escape route	1	150
KN-240EPRST/EV	SATI	M	Escape route	1	260
KN-370EPRST/EV	SATI	M	Escape route	1	370
KN-123EPRST/EV	SATI	M	Escape route	3	150
KN-243EPRST/EV	SATI	M	Escape route	3	260
KN-373EPRST/EV	SATI	M	Escape route	3	370

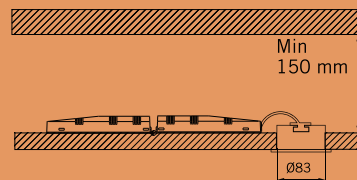
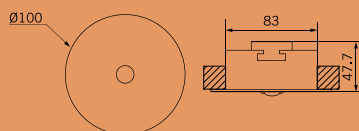
(1) NM = Non maintained. M = Maintained.
White finish, for other finishes please consult us.
Available with IP65, see conditions.

Versions

Recessed ceiling



Dimensions

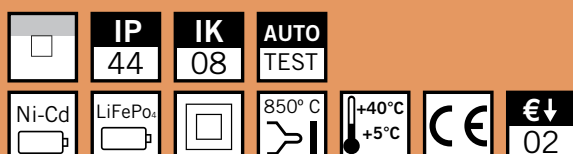


K-Lens^{LED} SQUARE

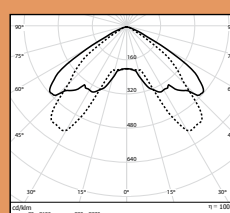


K-Lens is an architectural light fitting with a lens specializing in universal lighting and evacuation routes. Its design offers alternatives in terms of mounting and geometry.

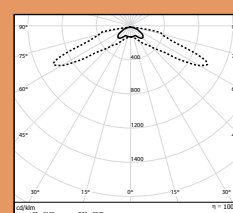
Specifications



Universal lens



Escape route lens





K-Lens^{LED} SQUARE

K-LENS SQUARE series				Packaging: 32 units
Reference	Type (1)	Lens	Duration (h)	Flux (lm)
KN-120C	NM	Universal	1	120
KN-240C	NM	Universal	1	240
KN-120PC	M	Universal	1	130
KN-240PC	M	Universal	1	240
KN-123C	NM	Universal	3	120
KN-123PC	M	Universal	3	130
KN-243PC	M	Universal	3	240
KN-120C/EV	NM	Escape route	1	120
KN-240C/EV	NM	Escape route	1	240
KN-120PC/EV	M	Escape route	1	140
KN-240PC/EV	M	Escape route	1	240
KN-123C/EV	NM	Escape route	3	120
KN-123PC/EV	M	Escape route	3	140
KN-243PC/EV	M	Escape route	3	240

(1) NM = Non maintained. M = Maintained.
White finish, for other finishes consult us

Versions

Surface ceiling

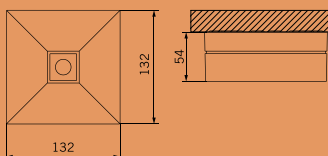


K-Lens^{LED} SQUARE SATI

K-LENS SQUARE SATI series					Packaging: 32 units
Reference	Test system	Type (1)	Lens	Duration (h)	Flux (lm)
KN-120PCST	SATI	M	Universal	1	140
KN-240PCST	SATI	M	Universal	1	270
KN-370PCST	SATI	M	Universal	1	390
KN-123PCST	SATI	M	Universal	3	140
KN-243PCST	SATI	M	Universal	3	270
KN-373PCST	SATI	M	Universal	3	390
KN-120PCST/EV	SATI	M	Escape route	1	140
KN-240PCST/EV	SATI	M	Escape route	1	250
KN-370PCST/EV	SATI	M	Escape route	1	370
KN-123PCST/EV	SATI	M	Escape route	3	140
KN-243PCST/EV	SATI	M	Escape route	3	250
KN-373PCST/EV	SATI	M	Escape route	3	370

(1) NM = Non maintained. M = Maintained.
White finish, for other finishes consult us

Dimensions

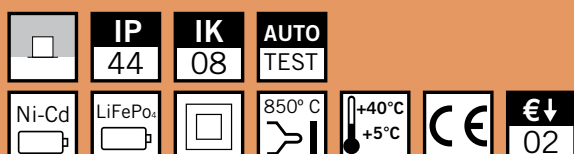


K-Lens^{LED} RECESSED SQUARE

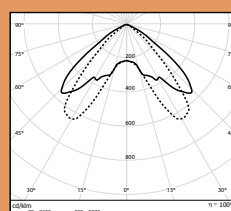


K-Lens is an architectural light fitting with a lens specializing in universal lighting and evacuation routes. Its design offers alternatives in terms of mounting and geometry.

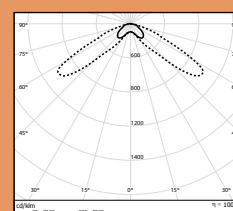
Specifications



Universal lens



Escape route lens





K-Lens^{LED} RECESSED SQUARE

K-LENS RECESSED SQUARE series				Packaging: 20 units
Reference	Type (1)	Lens	Duration (h)	Flux (lm)
KN-120EC	NM	Universal	1	130
KN-240EC	NM	Universal	1	240
KN-120EPC	M	Universal	1	140
KN-240EPC	M	Universal	1	250
KN-123EC	NM	Universal	3	130
KN-123EPC	M	Universal	3	140
KN-243EPC	M	Universal	3	250
KN-120EC/EV	NM	Escape route	1	130
KN-240EC/EV	NM	Escape route	1	240
KN-120EPC/EV	M	Escape route	1	140
KN-240EPC/EV	M	Escape route	1	240
KN-123EC/EV	NM	Escape route	3	130
KN-123EPC/EV	M	Escape route	3	140
KN-243EPC/EV	M	Escape route	3	240

(1) NM = Non maintained. M = Maintained.
White finish, for other finishes please consult us.
Available with IP65, see conditions.

K-Lens^{LED} RECESSED SQUARE SATI

K-LENS RECESSED SQUARE SATI series					Packaging: 20 units
Reference	Test system	Type (1)	Lens	Duration (h)	Flux (lm)
KN-120EPCST	SATI	M	Universal	1	150
KN-240EPCST	SATI	M	Universal	1	280
KN-370EPCST	SATI	M	Universal	1	390
KN-123EPCST	SATI	M	Universal	3	150
KN-243EPCST	SATI	M	Universal	3	280
KN-373EPCST	SATI	M	Universal	3	390
KN-120EPCST/EV	SATI	M	Escape route	1	150
KN-240EPCST/EV	SATI	M	Escape route	1	270
KN-370EPCST/EV	SATI	M	Escape route	1	370
KN-123EPCST/EV	SATI	M	Escape route	3	150
KN-243EPCST/EV	SATI	M	Escape route	3	270
KN-373EPCST/EV	SATI	M	Escape route	3	370

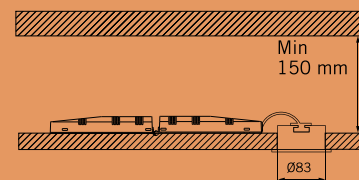
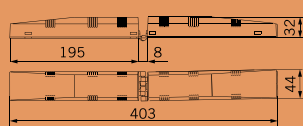
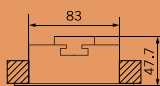
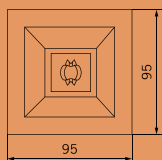
(1) NM = Non maintained. M = Maintained.
White finish, for other finishes please consult us.
Available with IP65, see conditions.

Versions

Recessed ceiling



Dimensions





Emergency signal banners

Brick L	74
----------------	----

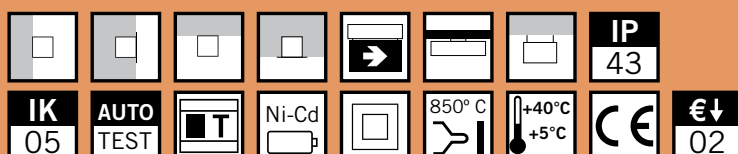
Signum	76
--------	----

Brick **L** LED



Within the Brick family, the Brick L version allows you to increase the flux range up to 600 lumens, while maintaining all the features; with an extended length, yet still respecting the rest of the model's measurements. This longer length allows for the use of signalling flags adapted to UNE 23034 and EN-ISO 7010 standards.

Specifications



Versions

Surface ceiling banner



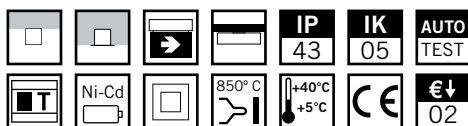
Recessed ceiling banner



Rail adapted banner





Brick L LED



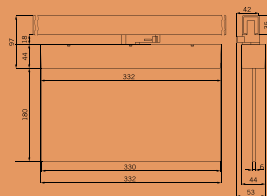
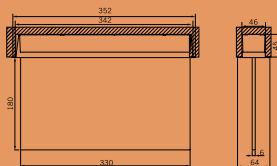
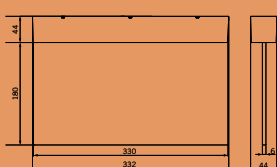
BRICK L series			Packaging: 7 units
Reference	Type (1)	Duration (h)	Flux (lm)
BKL-150/SB	NM	1	150
BKL-400/SB	NM	1	400
BKL-500/SB	NM	1	500
BKL-600/SB	NM	1	600
BKL-302/SB	NM	2	300
BKL-203/SB	NM	3	200
BKL-150P/SB	M	1	150
BKL-400P/SB	M	1	400
BKL-500P/SB	M	1	500
BKL-600P/SB	M	1	600
BKL-302P/SB	M	2	300
BKL-203P/SB	M	3	200
BKL-600S/SB	S	-	600

Possibility of manufacturing different lengths and flux on demand.
(1) NM = Non maintained. M = Maintained. S = Signalling.

Accessories

INSTALLATION		
Reference	Description	
ACT-BKL	Three-step rail adapter for Brick L	
DE-BKL	Recessed ceiling adapter Brick L	
DEP-BKL	Recessed wall adapter Brick L	
White finish. Available in any other RAL colour. Consult conditions.		
SIGNALLING		
		Banner signage
Reference	Description	Pictograph
R-1064	Right/left "DOOR" sign	
R-1066	"EXIT at front" sign	
Signs available in any language on request. Consult conditions.		
CONTROL		
Reference	Description	
BT-12	Standby and restart up to 100 luminaires	

Dimensions

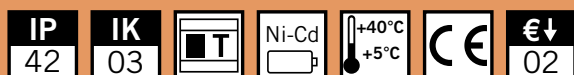
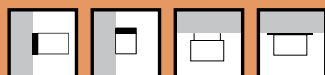


Signum LED



The Signum series offers a complete range of signalling luminaires designed in accordance with the UNE 23024 and ISO 7010 standards, with different installation possibilities, both on the wall and in the ceiling, and with the integration of LED technology.

Specifications





Signum^{LED}

CEILING MOUNTED



Reference	Type (1)	Duration (h)
SI-AT3	M	3
SI-ATC	C	-
SI-ATS	S	-
SI-ATSI	SI	-



SUSPENDED

Reference	Type (1)	Duration (h)
SI-SU3	M	3
SI-SUC	C	-
SI-SUS	S	-
SI-SUSI	SI	-



WALL MOUNTED

Reference	Type (1)	Duration (h)
SI-AP3	M	3
SI-APC	C	-
SI-APS	S	-
SI-APSI	SI	-



SIDE WALL MOUNTED

Reference	Type (1)	Duration (h)
SI-AL3	M	3
SI-ALC	C	-
SI-ALS	S	-
SI-ALSI	SI	-

Possibility of manufacturing different lengths on request.

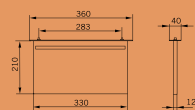
(1) M = Maintained. C = Centralised. S = Signalling. SI = Sign without lighting equipment.

Accessories

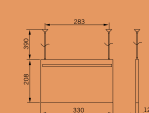
SIGNALLING		
		Signs
Reference	Description	
R-9204	Right/left "DOOR" sign	
R-9206	"EXIT at front" sign	
The devices are supplied with the corresponding sign already attached. Indicate in the order the reference of the sign after the reference of the device. Sign size 320 x 160 mm.		
CONTROL		
Reference	Description	Duration (h)
SI-20	Centralised unit for powering up to 20 luminaires	1
SI-60	Centralised unit for powering up to 60 luminaires	1
Possibility to manufacture different lengths on demand		

Dimensions

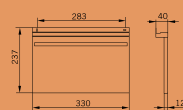
SI-AT



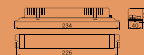
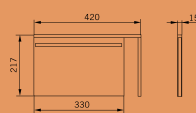
SI-SU



SI-AP



SI-AL





Emergency beacon lighting

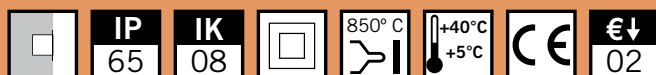
Dot	80
K2	82
Everest	86
Teide	90

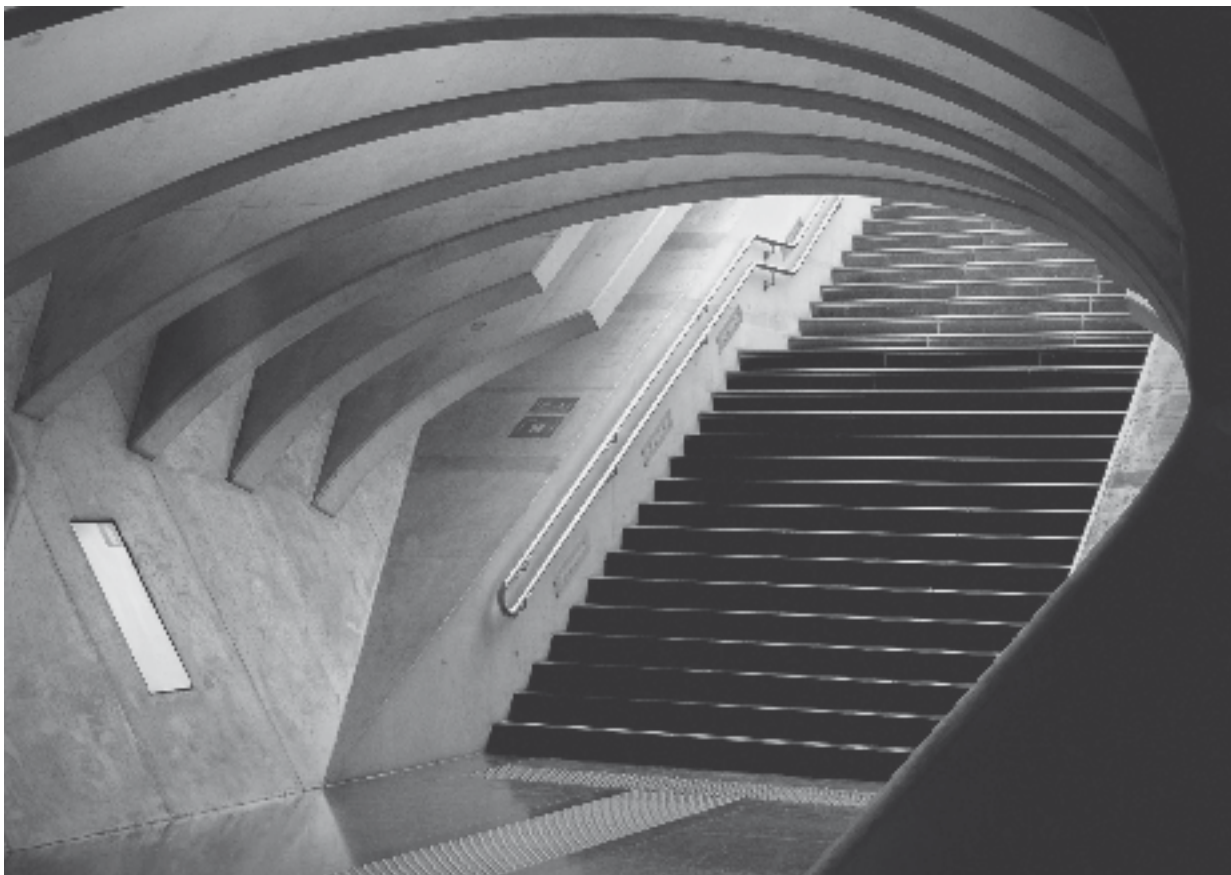
Dot LED



Luminaire for lighting of beacons of reduced dimensions. Its design, ease of assembly and high degree of IP protection make it an elegant, minimalist and practical solution for any type of space, both in indoor and outdoor applications.

Specifications





Versions



Dot^{LED}

DOT series 24V

Packaging: 40 units

Reference	Type (1)	LED	Pilot light	Trim
DO-CP	M	White	In feeder	Steel

(1) M = Maintained.

Accessories

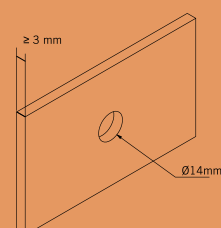
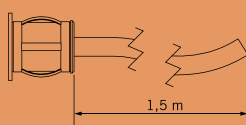
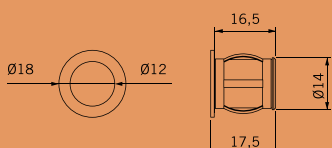
POWER SUPPLY

POWER SUPPLY UNITS FOR DOT

Reference	Description
C-8024	Permanent power supply (24V), 1 hour of Range for up to 80 beacons. Remotely controllable.

- All models are in compliance with the ITC-BT-28, section 5g) of the Low Voltage Regulations.
- Power supply voltage: 24V c.c./c.a. 230V 50Hz.
- Recessed into walls and floors.
- Supplied with 1.5m connection wire.

Dimensions



K2^{LED}



The K2 beacons incorporate high brightness LEDs and are carefully designed for both indoor and outdoor applications thanks to their IP66 and IK07. Available in round and square formats, available in a wide range of finishes.

Specifications





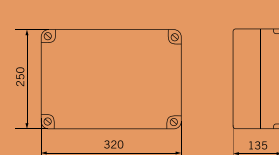
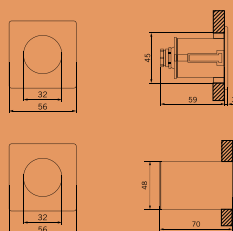
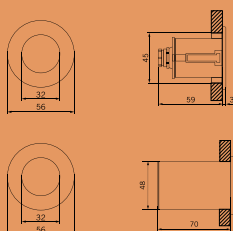
Versions

Round

Square



Dimensions



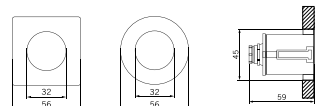
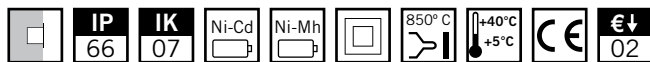


Accesories

OPTIONS				
COLOR LED				
Reference	Description			
/Z	Blue LEDs. Available for all models.			
/B	White LEDs. Available for all models.			
/R	Red LEDs. Available for all models.			
/V	Green LEDs. Available for all models.			
/TC	Charge indicator LEDs in another colour. Add after /TC the colour code from the above list.			
TRIM COLOR				
Reference	Description			
/BL	White trim. Available for all models.			
/CB	Chrome Shine trim. Available for all models.			
/CM	Chrome Matte trim. Available for all models.			
/GR	Graphite trim. Available for all models.			
/OR	Golden trim. Available for all models.			
Reference construction (example)				
Balizado	Emergency leds	Pilot light	Trim	Result
K2-CR	Blue	White	Graphite	K2-AC/Z/TCB/GR
POWER SUPPLY				
POWER SUPPLY UNITS FOR CENTRALISED K2				
Reference	Description			
C-5024	Permanent power supply (24V), 1 hour of Range for up to 50 beacons. Remotely controllable.			
C-8024	Permanent power supply (24V), 1 hour of Range for up to 80 beacons. Remotely controllable.			

- The autonomous and Centralised models with switchboard are in compliance with the ITC-BT-28, section 5g) of the Low Voltage Regulations.
- Power supply voltage: Self-contained beacons: 230V 50Hz (110V 50/60Hz optional)
Centralised beacon: 24V c.c./c.a. (12V d.c./c.a. optional)
Signalling beacon: 230V 50Hz (110V 50/60Hz optional).
- The K2 beacons are recessed into walls and floors and can be installed with or without a flush box. All beacons are supplied with their flush box. Cannot be installed in a universal box.

K2^{LED} SELF-CONTAINED



K2 SELF-CONTAINED series

Packaging: 60 units

Reference	Shape	Type (1)	Duration (h)	Emergency LEDs (2)	Pilot light (3)	Trim
K2-AC	Square	NM	1	Amber	1 Green LED	Steel
K2-AR	Round	NM	1	Amber	1 Green LED	Steel
K2-ACP	Square	M	1	White	1 White LED	Steel
K2-ARP	Round	M	1	White	1 White LED	Steel

(1) NM = Non maintained. M = Maintained.

(2) Emergency LEDs available in other colours. See accessories table.

(3) Charge indicator LED available in other colours. See accessories table

K2^{LED} CENTRALISED 24V

K2 CENTRALISED 24V series

Packaging: 60 units

Reference	Shape	Type (1)	Emergency LEDs (2)	Pilot light	Trim
K2-CC	Square	M	Amber	In feeder	Steel
K2-CR	Round	M	Amber	In feeder	Steel

(1) M = Maintained.

(2) Emergency LEDs available in other colours. See accessories table.

K2^{LED} SIGNALLING

K2 SIGNALLING series

Packaging: 60 units

Reference	Shape	Type (1)	Signalling LEDs (2)	Trim
K2-SC	Square	S	Amber	Steel
K2-SR	Round	S	Amber	Steel

(1) S = Signalling.

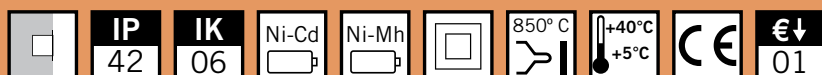
(2) Signaling LEDs available in other colours. See accessories table.

Everest LED



Complete range of small-sized recessed fixtures for walls and floors, suitable for various applications, passageways, elevator cars, staircases... With rectangular format, these boast a dual function: emergency lighting and signalling.

Specifications





Versions

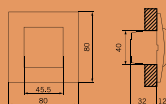
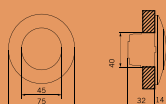
Round



Square



Dimensions

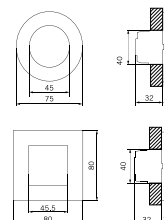
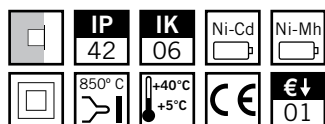




Accesorios

OPTIONS				
				COLOR LED
Reference	Description			
/Z	Blue LEDs. Available for all models.			
/B	White LEDs. Available for all models.			
/R	Red LEDs. Available for all models.			
/V	Green LEDs. Available for all models.			
/TC	Charge indicator LEDs in another colour. Add after /TC the colour code from the above list.			
				TRIM COLOR
Reference	Description			
/GR	Graphite trim. Available for all models.			
/MF	Ivory trim. Available for all models.			
/3	White, Graphite and Ivory trims. Available for all models.			
				CAJA EMPOTRAR
Reference	Description			
PLA803	Round box for recessed. (Ø75mm). Suitable for round and square Everest			
Construcción Reference (ejemplo)				
Balizado	Emergency leds	Pilot light	Trim	Result
EC1	Blue	White	Ivory	EC1/Z/TCB/MF
POWER SUPPLY				
POWER SUPPLY UNITS FOR CENTRALISED EVEREST				
Reference	Description			
C-10	Maintained power supply (12V), 1 hour of Range for 50 beacons.			
C-30	Maintained power supply (12V), 1 hour of Range for 150 beacons.			
<ul style="list-style-type: none">• The autonomous and centralised models with switchboard are in compliance with the ITC-BT-28, section 5g) of the Low Voltage Regulations.• Power supply voltage: Self-contained beacons: 230V 50Hz (110V 50/60Hz optional) Centralised beacons: 12V c.c./c.a. (24V d.c./c.a. optional) Signalling beacons: 230V 50Hz (110V 50/60Hz optional).				

Everest^{LED} SELF-CONTAINED



EVEREST SELF-CONTAINED series

Packaging: 60 units

Reference	Shape	Type (1)	Duration (h)	Emergency LEDs (2)	Pilot light (3)	Trim
EC1	Square	NM	1	Amber	1 Green LED	White
ER1	Round	NM	1	Amber	1 Green LED	White
EC1P	Square	M	1	White	1 White LED	White
ER1P	Round	M	1	White	1 White LED	White

(1) NM = Non maintained. M = Maintained.

(2) Emergency LEDs available in other colours. See accessories table.

(3) Charge indicator LED available in other colours. See accessories table.

Everest^{LED} CENTRALISED 12V

EVEREST CENTRALISED 24V series

Packaging: 60 units

Reference	Shape	Type (1)	Emergency LEDs (2)	Pilot light	Trim
ECC	Square	M	Amber	In feeder	White
ERC	Round	M	Amber	In feeder	White

(1) M = Maintained.

(2) Emergency LEDs available in other colours. See accessories table.

Everest^{LED} SIGNALLING

EVEREST SIGNALLING series

Packaging: 60 units

Reference	Shape	Type (1)	Signalling LEDs (2)	Trim
ECS	Square	S	Amber	White
ERS	Round	S	Amber	White

(1) S = Signalling.

(2) Signalling LEDs available in other colours. See accessories table.

Teide LED



A range of small-sized recessed fixtures for walls and floors, suitable for various applications, passageways, elevator cars, staircases... These provide dual function: emergency lighting and signalling.

Specifications





Teide LED

SELF-CONTAINED

Packaging: 30 units

Reference	Type (1)	Duration (h)	Emergency LEDs (2)	Pilot light (3)	Trim
E-2LB	NM	1	Amber	1 Green LED	White

(1) NM = Non maintained. M = Maintained.

(2) Emergency LEDs available in other colours. See accessories table.

(3) Charge indicator LED available in other colours. See accessories table.

CENTRALISED 12V

Packaging: 30 units

Reference	Type (1)	Emergency LEDs (2)	Pilot light	Trim
ES-1LB	M	Amber	In feeder	White

(1) NM = Non maintained. M = Maintained.

(2) Emergency LEDs available in other colours. See accessories table.

SIGNALLING

Packaging: 30 units

Reference	Type (1)	Signalling LEDs (2)	Trim
ESS-1LB	S	Amber	White

(1) NM = Non maintained. M = Maintained.

(2) Emergency LEDs available in other colours. See accessories table.

Accesories

OPTIONS

COLOR LED

Reference	Description
/R	Red LEDs. Available for all models.
/TC	Charge indicator LEDs in another colour. Add after /TC the colour code from the above list.

TRIM COLOR

Reference	Description
/OR	Golden trim. Available for all models.

Construcción Reference (ejemplo)

Balizado	Emergency leds	Pilot light	Trim	Result
E-2LB	Rojo	Rojo	Dorado	E-2LB/R/TCR/OR

POWER SUPPLY

POWER SUPPLY UNITS FOR CENTRALISED TEIDE

Reference	Description
C10	Permanent power supply (12V), 1 hour of Range, for 20 beacons.
C30	Permanent power supply (12V), 1 hour of Range, for 45 beacons.

- The autonomous and Centralised models with switchboard are in compliance with the ITC-BT-28, section 5g) of the Low Voltage Regulations.
- Power supply voltage: Self-contained beacons: 230V 50Hz (110V 50/60Hz optional)
Centralised beacons: 12V c.c./c.a. (24V d.c./c.a. optional)
Signalling beacons: 230V 50Hz (110V 50/60Hz optional).
- Teide beacons can be installed in a universal rectangular box belonging to the "American type".
- All beacons are supplied with their flush box.

Versions

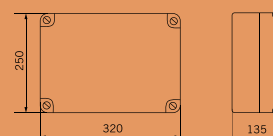
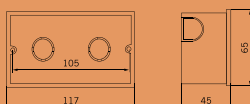
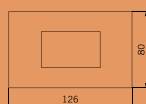
White



Golden



Dimensions





Emergency spotlights

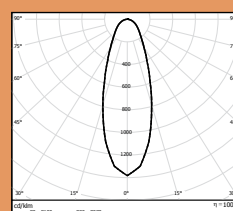
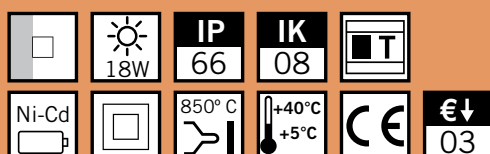
SD	94
Plus	96

SD LED



Complete range of high power projectors suitable for installation at elevated heights (5 metres or more). They are particularly suitable for use in large supermarkets, industrial warehouses, supermarkets.

Specifications





Casablanca Logistics Platform,
Cabanillas del Campo.

Versiones

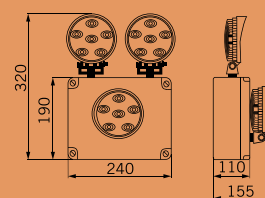
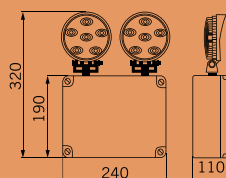
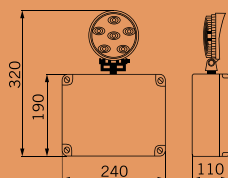


SD LED

SD series				Packaging: 2 units
Reference	Type (1)	Duration (h)	Flux (lm)	Fuentes de luz
SD-1156	NM	1	1300	1
SD-2156	NM	1	2700	2
SD-2186	NM	1	2700	2
SD-3156	NM	1	3600	3

Possibility of manufacturing different lengths and flux on demand.
(1) NM = Non maintained.

Dimensions



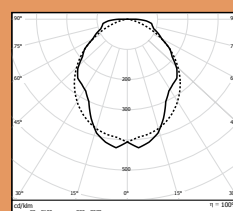
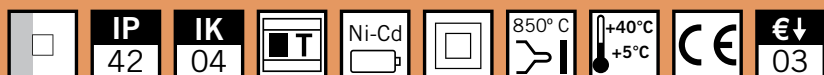
Plus LED



Our range of emergency lighting spotlights, are suitable for large heights facilities.

They are equipped with Led light sources. On the other side, it allows to lead the directional spotlights, depending on the needs.

Specifications





Versions

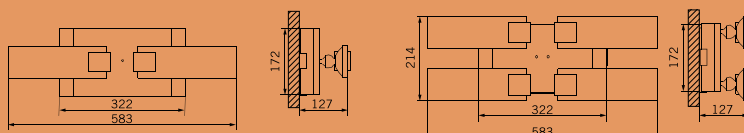


Plus LED

PLUS series			Packaging: single pack	
Reference	Type (1)	Duration (h)	Flux (lm)	Spots
PLD-2111	NM	1	1100	2
PLD-4221	NM	1	2200	4
PLD-2103	NM	3	1000	2

(1) NM = Non maintained.
Possibility of manufacturing different lengths and flux on demand.

Dimensions





Special emergency luminaires

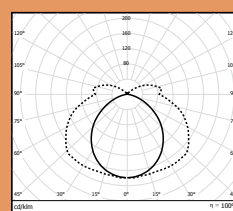
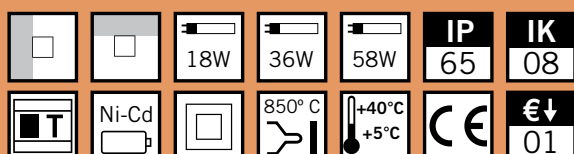
PF Luminaires	100
Flameproof	102

PF Luminaires



Range of waterproof screens for T5 lamps, wall and ceiling mounted or suspended from above. Specially devised for lighting of premises where a high degree of environmental protection is required: high humidity, environmental pollution, risk of collisions

Specifications





PF Luminaires

PF LUMINAIRES series

Packaging: single pack

Reference	Type (1)	Duration (h)	Flux (lm)	Emergency Lamp (2)	Pilot light
PF-186	NM	1,5	250	1 x 18W T8	LED
PF-366	NM	1	570	1 x 36W T8	LED
PF-586	NM	1	665	1 x 58W T8	LED
PFE-366	NM	1	1200	1 x 36W T8	LED
PF-366P	M	1	570	1 x 36W T8	LED
PF-586P	M	1	665	1 x 58W T8	LED
PF-2186P	M	1,5	250	2 x 18W T8	LED
PF-2366P	M	1	570	2 x 36W T8	LED
PF-2586P	M	1	665	2 x 58W T8	LED
PFE-366P	M	1	1200	1 x 36W T8	LED

(1) NM = Non maintained. M = Maintained. On two-pipe fluorescent displays, a single tube is emergency (the one connected to the kit).
 (2) The screens are supplied without lamps.

Notes:

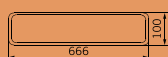
18W fluorescent tube displays incorporate a KC-60 kit.
 36W and 58W fluorescent tube displays incorporate a KC-72 kit.
 PFE-366 luminaire incorporate a K-5840 kit.

Versions

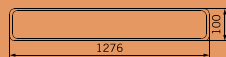


Dimensions

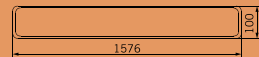
1 x 18W



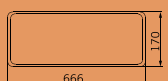
1 x 36W



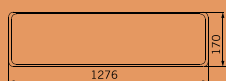
1 x 58W



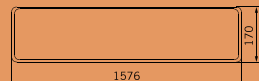
2 x 18W



2 x 36W



2 x 58W

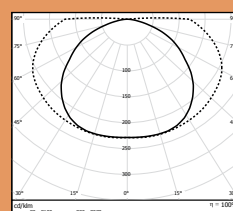
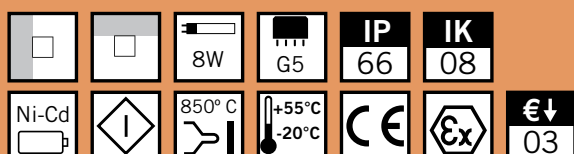


Flameproof



Self-contained emergency luminaires designed to meet the specific needs of industries with potentially explosive atmospheres, such as mining, chemical industry... and many others with handling and/or storage of flammable or corrosive products.

Specifications





Versions

Surface



Flameproof II 2 GD EXD IIC T6

FLAMEPROOF CLAS I series

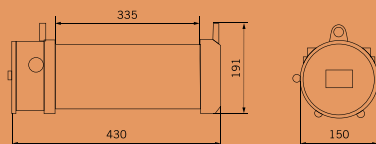
Packaging: single pack

Reference	Type (1)	Emergency Lamp	Duration (h)	Flux (lm)
ADF-300	NM	FL 8W G5	3	230

General Characteristics Flameproof Series

- Compliant with the provisions of Directive 94/9/CE.
- Usage areas: 1 - 2 and 21 - 22.
- Designed according to standards: EN 50014, EN 50018 and EN 50281-1-1.
UNE-EN 60598-1, UNE-EN 60598-2-22 and UNE 20392-93.

Dimensions





Components

Battery main system LPS	106
Centralised controls	108
Emergency Conversion Kits	110
Accessories	112

LPS



The LPS/4 model is a smart centralised battery system capable of powering, controlling and monitoring up to 80 luminaires, distributed over four lines.

Specifications





LPS battery central system

Versions



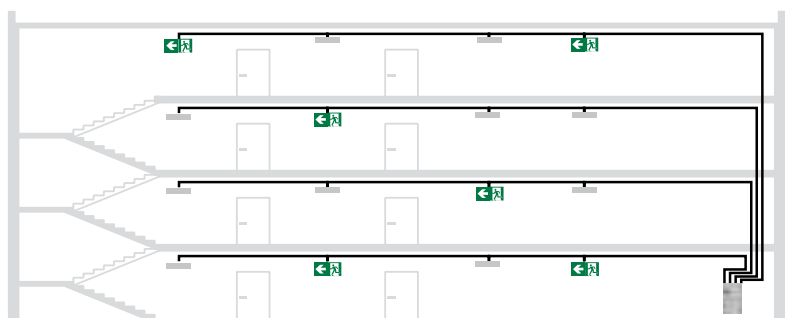
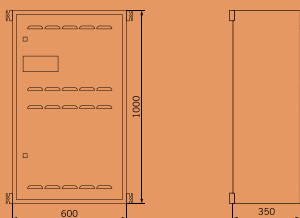
LPS/4 series

Reference	Dimensions (m)	Number of circuits	Maximum circuit power (W)
LPS/4	1 x 0,6 x 0,35	4	540

Design of the installation subject to study, consult with the project department.
Designed according to the following standards:

UNE-EN 50171:2002 Centralised power supply systems.
UNE-EN 50172:2005 Safety lighting systems

Dimensions



Centralised controls



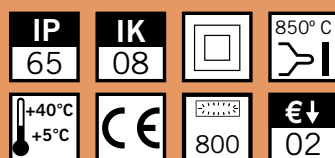
Devices for placing luminaires that have entered emergency status due to a lack of power supply voltage in order to prevent unnecessary battery drainage. It also allows for the reverse operation, from standby to emergency status.

Specifications

Remote control



CSESAM



SESAM + PCCOM9





Remote control

Reference	Description	Maximum number of luminaires
BT-12	For luminaires, kits and projectors: standby and restart	100

Note:
Power supply 230V 50/60Hz (110V 50/60Hz optional). Sending the control signal at 12V DC

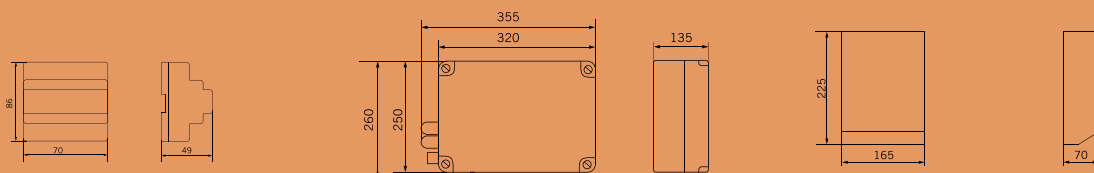
CSESAM

Ethernet software and interface for controlling up to 800 luminaires with CSESAM system

SESAM 2.1 + PCCOM9

Software and interface for controlling up to 800 luminaires with SESAM system

Dimensions



Emergency conversion kits



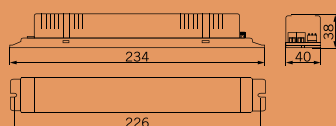
Casablanca Logistics Platform,
Cabanillas del Campo.



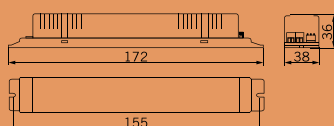
The emergency kit is a functional device for converting a light fitting into an emergency lighting support. These may be operated in a permanent or non-permanent manner.

Dimensions

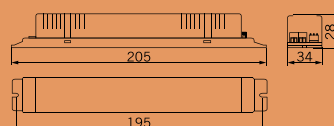
K Series - high performance



KC series



KB5P and KL series



Kits CONVERSION FOR EMERGENCY

€↓
01

KIT-KC and K

Reference	T8 Tube	T5 Tube	Battery
KC-36	18W	-	A
KC-48	18W	14W	B
KC-60	18 to 58W	14 to 21W	C
KC-72	18 to 58W	14 to 21W	D
KC-120	18 to 58W	28W	E
K-3640	18 to 58W	28W	F
K-4840	18 to 58W	28W	G
K-5840	18 to 58W	28 to 54W	H
K-5880	18 to 58W	28 to 80W	I

The Range and luminous flux in emergency situations are automatically adapted according to the power of the installed tube and the power selector of the equipment.

The KC and K kits automatically switch off the ballast outputs on emergency entry. The KC and K kits can be used with electronic or electromagnetic ballasts. Standard Range of 1h.

Serie KIT-KB5P

Reference	T8 Tube	T5 Tube	Battery
KB5P-36	18W	14W	A
KB5P-48	18 to 36W	14W	B
KB5P-60	18 to 58W	14 to 21W	C
KB5P-72	18 to 58W	14 to 21W	D
KB5P-120	18 to 58W	28W	E
KB5P-436	18 to 58W	28W	F
KB5P-448	18 to 58W	28W	G
KB5P-460	18 to 58W	28 to 54W	H

The Range and luminous flux in emergency situations are automatically adapted according to the power of the installed tube and the power selector of the equipment.

The KB5P kits automatically switch off the ballast input and output when it enters an emergency situation.

The KB5P kits can be used with electronic or electromagnetic ballasts.

Standard Range of 1h. For 3h Range add "/3" to the reference, for example: KB5P-460

Kits LED CONVERSION FOR EMERGENCY

€↓
02

KIT-KL series

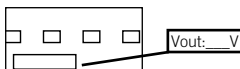
Reference	Max. output voltage (V)	Battery dimensions	Duration (h)	Output power current (mA)
KL-1506/130/30/90	30	D	1,5	130
KL-1510/115/55/90	55	E	1,5	115
KL-4004/200/35/90	35	G	1,5	200
KL-4005/150/65/90	65	H	1,5	150

All kits can work in maintained or Non-maintained mode. Other output voltages and currents available on request

Selection of the right kit

From the nominal voltage of the light source

Select the nominal voltage (**Vout**) of the light source



Vout: ____ V


From the actual power/current of the light fitting

Consult the manufacturer/technical data sheet (**P**) in watts (**W**) and the driver output current (**Iout**) in amps (**A**)

Calculate the voltage of the light source (**Vout**)

$$Vout = \frac{P}{Iout} \text{ V}$$

Select a kit with the max. output voltage higher than the voltage of the light source

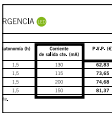


Max. voltage > Vout

Light fitting performance

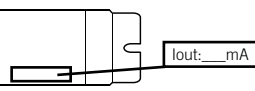
Output = $\frac{\text{Output current Kit}}{\text{Current light fitting output (Iout)}} \times 100 = \text{___} \%$

Select the output current corresponding to the selected kit.



Output power current

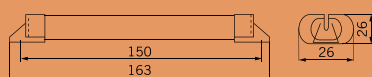
If you have access to the light fitting driver, select the output current from there.



Iout: ____ mA


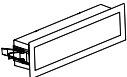
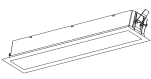

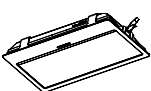
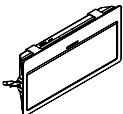
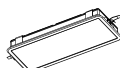

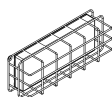

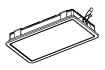

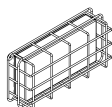

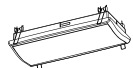


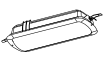

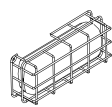

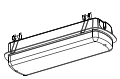
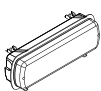
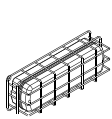



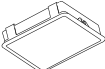
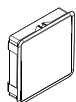
If you do not have access to the driver, please consult the manufacturer/technical data sheet of the light fitting

Battery dimensions


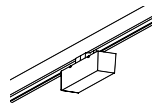
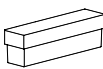
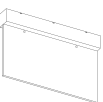
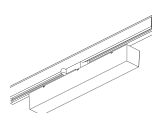
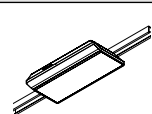


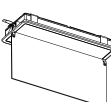
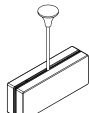


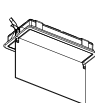
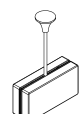


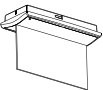




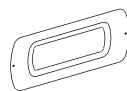


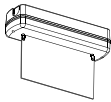


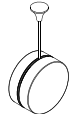


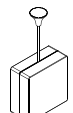




	A	B	C	D	E	F	G	H	I
Dist.	150	195	240	154	240	200	260	318	337
x	163	207	250	165	246	215	271	331	348
y	26	26	26	48	48	35	35	35	70
z	26	26	26	26	26	35	35	35	36

Accessories

	Ceiling recessed mounting device			Wall recessed mounting device			Vandalproof device	Waterproof option
Brick	DE-BRK			DEP-BRK				
	W	222		W	222			
	H	64		H	64			
Page 16	D	45mm		D	45mm			
Brick L	DE-BKL			DEP-BKL				
	W	352		W	352			
	H	64		H	64			
Pages 19, 75	D	45		D	45			
Plat	DE-PT			DEP-PT				
	W	339		W	380			
	H	188		H	188			
Page 22	D	45mm		D	45mm			
Optima	DE-OP8			DEP-OP8				
	W	339		W	339			
	H	144		H	144			
Page 26	D	37mm		D	37mm		D	90.5mm
Premier	DE-PR			DEP-PR				
	W	260		W	260			
	H	144		H	144			
Page 30	D	37mm		D	37mm		D	95mm
Euroslim	EU-5			EU-5				
	W	346		W	346			
	H	155		H	155			
Page 34	D	60mm		D	60mm			
Evolution	DE-EVO			DEP-EVO				
	W	282		W	282			
	H	118		H	118			
Page 38	D	55mm		D	55mm		D	95mm
Rectangular	DE-RF			DEP-RF				
	W	368		W	368			
	H	126		H	126			
Page 44	D	79mm		D	79mm		D	95mm
Globe	DE-GL			DEP-GL				
	Ø	246		Ø	246			
	D	54mm		D	54mm			
Page 50								
Cube	DE-CU			DEP-CU				
	W	246		W	246			
	H	246		H	246			
Page 54	D	54mm		D	54mm			



Banner signage	Suspension	Adapter for rail mounting	Other accessories	Signs
BRK***SB W 202 H 165 D 44mm 		ACT-BRK W 202 H 62 D 53mm 	DIP-BRK W 210 H 64 D 55mm 	
BKL***SB W 332 H 224 D 44mm 		ACT-BKL W 332 H 62 D 53mm 		
		ACT-PT W 360 H 51 D 168mm 		 
SB-OP W 340 H 210 D 144mm 	SR-25 y SR-50 W 315 H25 371 H50 621 D 78mm 			 
SB-PR W 265 H 200 D 144mm 	SR-25 y SR-50 W 239 H25 371 H50 621 D 78mm 			 
SB-EU, EU-7 y EU-8 W 346 H/sb 230 H/eu 234 D 156mm 			PLA-919 W 346 H 155 D 67mm 	 
SB-EVO W 284 H 215 D 118mm 			DS-EVO W 400 H 178 D 50mm 	 
SB-RF W 342 H 240 D 100mm 				 
	SR-25 y SR-50 W 224 H25 474 H50 724 D 105mm 			 
	SR-25 y SR-50 W 224 H25 474 H50 724 D 105mm 			 



*Internacional de Iluminación,
Zaragoza.*

Emergency lighting solutions

Lighting projects	116
Management and maintenance systems	117
General conditions for sale and supply	119



Lighting projects

Our service is a valuable addition to our products because we are very interested in the result, and therefore we enjoy working actively with professionals throughout the lighting project.

From our design department, we support the professional in advising them on the most suitable lighting project in each case and offering solutions adapted to each space.

Thanks to this service, the customer can obtain a complete study for the emergency lighting of the space requested. Our professionals are in charge of carrying out all the calculations necessary to comply with current standards, optimising lighting and safety.

This is individualised advice that generates solutions from each particular need and participates in the complete cycle of any emergency lighting project.

In addition, through our website you can obtain all the necessary tools for the calculation of emergency lighting, and thus have the possibility of simulating the final result.

Management and maintenance systems

An emergency lighting system without proper maintenance can seriously compromise the safety of a building, and the UNE-EN 50175 standard indicates that emergency lighting should be checked periodically. That is why at Sagelux we are particularly aware of the importance of the safety and preventive maintenance of our products, and for this reason we have developed control systems for emergency lighting installations. Depending on the type of project and with the aim that the client can verify and manage the maintenance of their facilities, we present different alternatives.

SATI System

The SATI System is an automatic verification system incorporated into the luminaires. Visual indications provide information on the status of the key components of the luminaires: lamps and batteries.

The tests are shown to the user by means of two different coloured LEDs: green and yellow. These tests are performed automatically with the following periodicity:

Permanent	Weekly		Trimestral
Charging the battery	Switching to emergency mode	Switching on emergency lamp	Bat Range

Installations always in operation

In order to avoid leaving the installations inoperative when Range tests are performed; the system is capable of performing the tests in even/even mode. In this mode, the units perform the tests alternately (one light fitting in two) without the need for a double remote-control circuit.

Remote control

The SATI System can be controlled by means of the BT-12 remote control that allows the following operations to be carried out from the electrical panel where it is installed:

Putting into a state of rest	Manual start of functional test	Test offset between odd and even luminaires (odd/even mode)
------------------------------	---------------------------------	---

The remote-control circuit is wired with a 2 x 1.5 mm line2. Each remote control can control up to 300 luminaires.

SESAM System

The SESAM system is a tool for managing the maintenance of emergency luminaires from a computer. It indicates in real time where and what maintenance operations are required. It allows Centralised and even remote monitoring of the status of the luminaires in one or more installations, facilitating maintenance management.

Services provided	Required components
Receive information in real time. Print reports of maintenance tasks. Send reports via e-mail or SMS. Management from the control centre of the building where the installation is located or from a remote-control centre. Location off plan of the luminaires that require maintenance. Generate reports with all the maintenance history of each light fitting.	SESAM emergency luminaires. PCCOM9 or CSESAM interface to communicate the luminaires with the computer. PC computer with SESAM software. (Computer not supplied). Communication bus from the luminaires to the system interface via 2 1.5mm wires2. Up to 800 luminaires can be connected to each PCCOM9 or CSESAM interface. The interface communicates with the computer via RS-232, USB or LAN for remote control centres.











*Studio Erick Salliet,
France*

LUXIONA

LUXIONA

Headquarters
Paseo de la Ribera, 115
08420 Canovelles
SPAIN
tel. +34 938 466 909
info@luxiona.com

LUXIONA SPAIN

Paseo de la Ribera, 115
08420 Canovelles
SPAIN
tel. +34 938 466 909
fax. +34 938 465 709
info.spain@luxiona.com

LUXIONA FRANCE

2, Rue Clément Ader
69740 Genas
FRANCE
tel. +33 472 146 666
fax. +33 472 146 667
info.france@luxiona.com

LUXIONA GERMANY

Im Ostpark 29
D-35435 Wettenberg
GERMANY
tel. +49 641 480 1080
fax. +49 641 480 10860
info.germany@luxiona.com

LUXIONA ITALY

Via Luigi Cadamosto 4
26900 Lodi (LO)
ITALIA
tel. +39 02 982740 10
fax. +39 02 982740 26
info.italia@luxiona.com

LUXIONA PERU

Josfel
Jr. Paita 220 Zona Industrial
San Juan de Miraflores (Lima)
PERÚ
tel. (511) 276 88 22
fax. (511) 281 48 93
ventas@josfel.com.pe

LUXIONA CHILE

Santa Adela 0618
Recoleta, Santiago
CHILE
tel. +56 22 969 5260
info@luxiona.cl

LUXIONA MEXICO

Avda. de los Arcos nº. 9 manzana 2
Parque Industrial Finsa - Bernardo
Quintana
El Márquez, Querétaro 76246
MEXICO
tel. +52 442 153 1020
info.mexico@luxiona.com

LUXIONA POLAND

Ul. Sochaczewska 110
Macierzysz
05-850 Ozarów Mazowiecki
POLAND
tel. +48 022 721 72 72
fax. +48 022 721 72 73
info.poland@luxiona.com

LUXIONA EXPORT

Departamento de exportación
Export department
tel. +34 938 616 893
fax. +34 938 465 709
info.export@luxiona.com

LUXIONA CHINA

1-3/F, Lintai industrial Park
Baihuadong
Guangang Road
Guangming New District
Shenzhen 518107
CHINA
tel. +(0755) 861 498 86
fax. +(0755) 861 491 20
info.china@luxiona.com

Images owned by LUXIONA except::

Pages. 37, 40, 46, 62, 95, 110. Inversiones Montepino.

Pages. 15, 16, 22, 29, 34, 38, 49, 50, 54, 59, 65, 67, 69,
71, 72, 78, 81, 83, 84, 87, 91, 92, 98, 101, 104, 107,
109, 119, 120, 121.

Sagelux
LUXIONA

C/ Lerici 12, PLA-ZA
50197 Zaragoza
Zaragoza, Spain

T 976 49 54 00
F 976 42 71 13

info@sagelux.com
www.sagelux.com