

LED LIGHTING

FL-LED.. Series - Floodlight - Copper-free aluminium

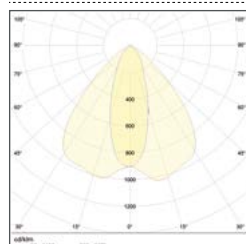


- FL- Floodlights are ideally suited for large-scale areas and street, sidewalk or perimeter illumination
- Manufactured in copper-free aluminium and tempered glass, FL.. Series have an excellent corrosion resistance.

TECHNICAL FEATURES

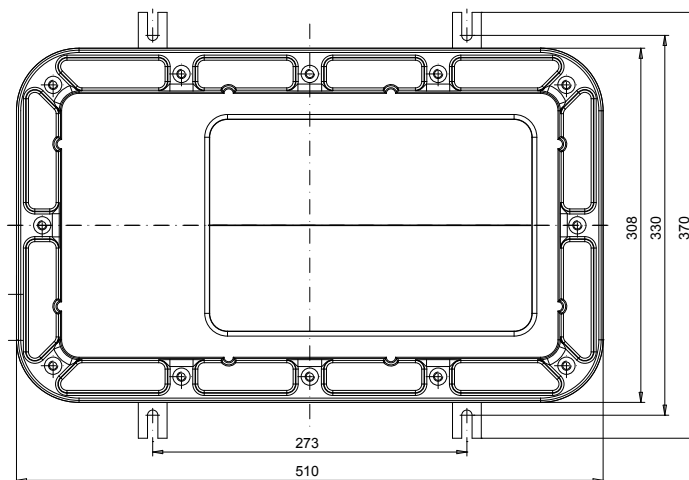
Material	Copper-free aluminium	
IP rating	IP66	
Ambient temperature range	-50°C to +55°C (ATEX) -20°C to +60°C (IECEX - EAC)	
Approvals	ATEX: 00ATEX0023X - IECEX: INE 16.0038X EAC: RU C-IT.BH02.B.00616/20 - ECAS 21-04-10283 E21-04-021857	
Marking	Standard: II 2 GD Ex d IIB+H2 T6 Gb Ex tb IIIC T85°C Db IP66	Battery pack: II 2 GD Ex d IIC T6 Gb Ex tb IIIC T85°C Db IP66
Gaskets	Gasket made of Nitrile Rubber (NBR) on flat joint	
Entries	Suitable for LOOP-IN LOOP-OUT UP TO 4mm ²	
Included accessories	AISI 316 L Stainless steel external hardware and screws	
Lamps	Included	
Rated operation voltage (UE)	110 V/264 V (standard version) 220 V/240 V (emergency version)	
Frequency	50/60Hz	
Accessories	Ceiling mounting : N° 1 brass nickel chrome plated plug + N° 1 brass nickel chrome plated cable gland PNA type c/w set of inner seals Pole mounting : N°1 brass nickel chrome plated cable gland PNA type c/w set of inner seals Adjustable mounting bracket: : N°1 brass nickel chrome plated cable gland PNA type c/w set of inner seals Upon request: protection guard	
Operating principles	FL.. floodlight for emergency service : 180 minutes; with constant flux 1.300 or 650 lm	

Photometric light curves

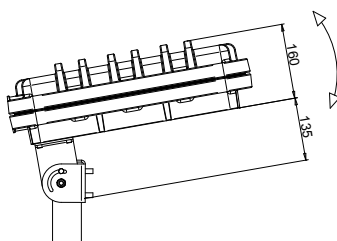


Dimension FL -LED - Standard version 10W/30W/60W/95W

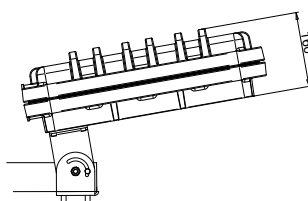
Front view/
ceiling mounting



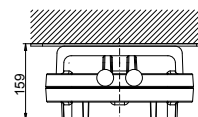
Straight
bracket



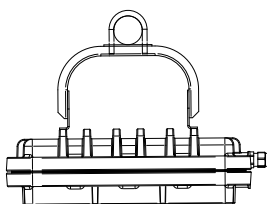
Curved bracket



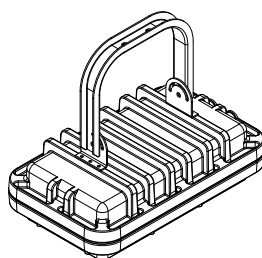
Ceiling/direct
wall mounting



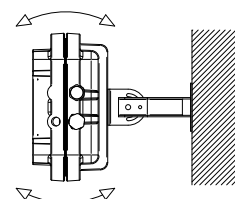
Adjustable pipe



Adjustable pendant



Adjustable wall



LED FL.. Floodlights for normal service (Ceiling/Direct wall mounting)

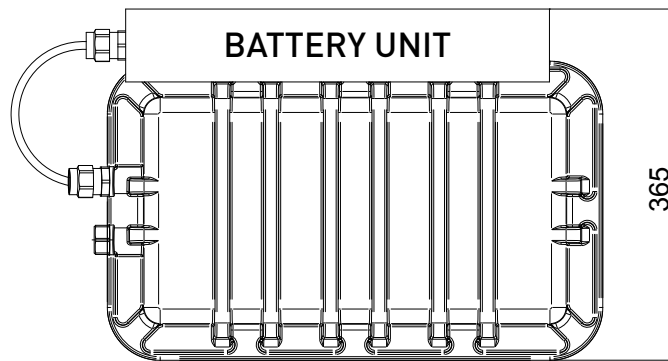
TYPE	CODE	LAMP [W]	VOLTAGE	FREQUENCY	AMBIENT TEMPERATURE
FL-LED 30	A0101695B0002	95W	110/264 V	50/60HZ	(-50°C;+55°C)
FL-LED 30	A0101660B0002	60W	110/264 V	50/60HZ	(-50°C;+55°C)
FL-LED 30	A0101630B0002	30W	110/264 V	50/60HZ	(-50°C;+55°C)
FL-LED 30	A0101610B0001	10W	110/264 V	50/60HZ	(-50°C;+55°C)

LED FL.. Coventional efficiency comparison table

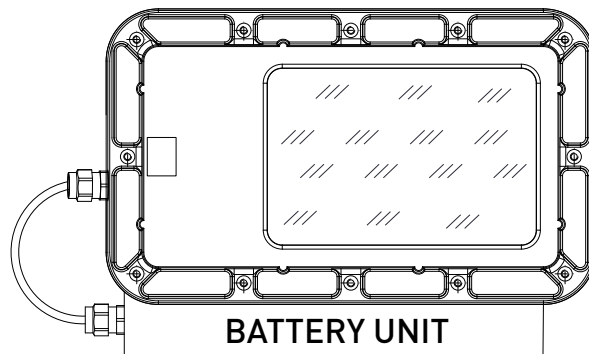
LED ->	FLUORESCENT ->	HID
FL-LED 30 W	2X18 W	50 W HPSV/80W HPMV
FL-LED 60 W	2X36 W	100 W HPSV/125 HPMV
FL-LED 95 W	2X58 W	150 W HPSV/250 HPMV

Dimension FL..LED – Emergency version

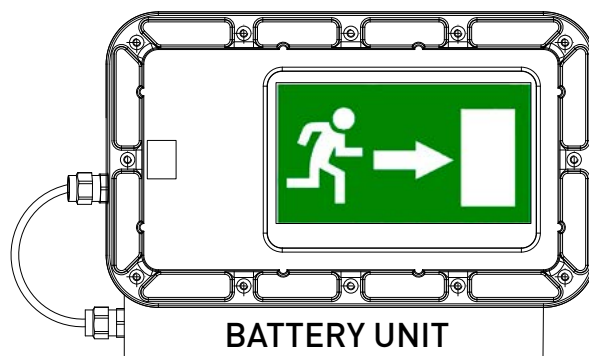
Top view



Front view



EXIT version

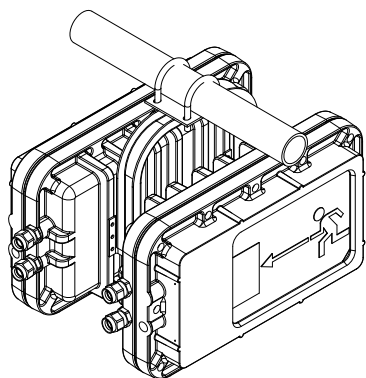


LED FL.. Floodlights for emergency version/3 hours duration with 1300 lm output in emergency

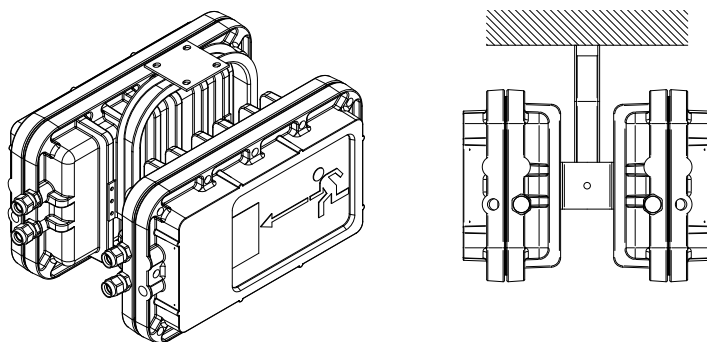
TYPE - 1300 LM OUTPUT IN EMERGENCY	CODE	LAMP [W]	VOLTAGE	FREQUENCY	AMBIENT TEMPERATURE
FL-LED 30	A0102695C0003	95W	220/240 V	50/60HZ	(-50°C,+55°C)
FL-LED 30	A0102660C0003	60W	220/240 V	50/60HZ	(-50°C,+55°C)
FL-LED 30	A0102630C0002	30W	220/240 V	50/60HZ	(-50°C,+55°C)
FL-LED 30	A0102610C0004	10W	220/240 V	50/60HZ	(-50°C,+55°C)

FL-LED 30 (double side for emergency exit application)

Pipe/pendant mounting

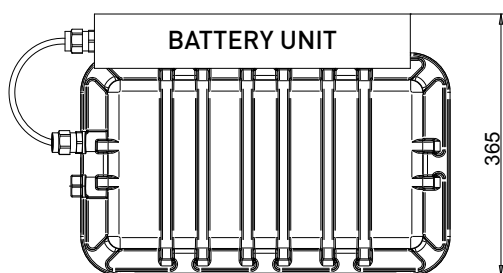


Ceiling mounting

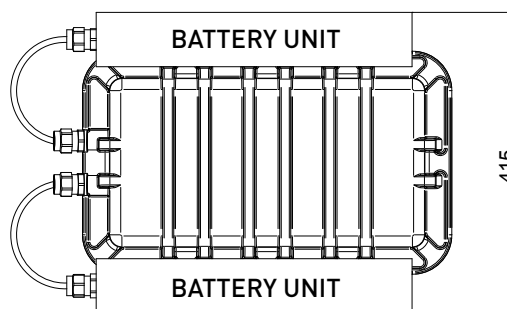


Top view of the emergency floodlight version

650lm/EMERGENCY



1300lm/EMERGENCY



LED FL.. Floodlights for emergency version/3 hours duration with 650 lm output in emergency

TYPE - 650 LM OUTPUT IN EMERGENCY	CODE	LAMP [W]	VOLTAGE	FREQUENCY	AMBIENT TEMPERATURE
FL-LED 30	A0102695C0001	95W	220/240 V	50/60HZ	(-50°C;+55°C)
FL-LED 30	A0102660C0002	60W	220/240 V	50/60HZ	(-50°C;+55°C)
FL-LED 30	A0102630C0001	30W	220/240 V	50/60HZ	(-50°C;+55°C)
FL-LED 30	A0102610C0002	10W	220/240 V	50/60HZ	(-50°C;+55°C)