

LED LIGHTING

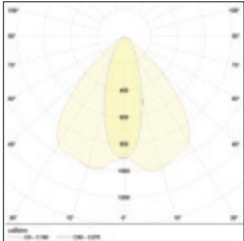
FL-LED.. Series floodlights



LED FL.. floodlights have been design for street and sidewalk lighting.

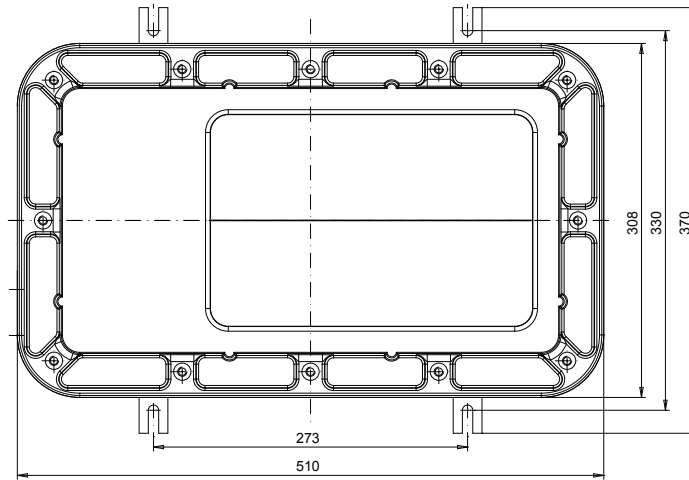
Due to the body made of aluminium with low content of copper and tempered glass, these floodlights have an excellent corrosion resistance.

TECHNICAL FEATURES

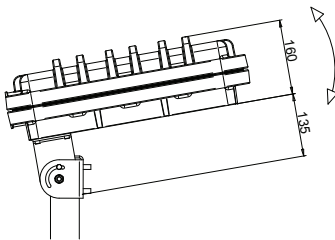
Material	Aluminium with low content of copper
IP rating	IP66
Ambient temperature range	-50°C to +55°C
Approvals	INERIS 00ATEX0023X (standard) / INERIS 01ATEX0059 (battery pack) CoC TR CU 012/2011: n° B.01067 (marking upon request, ordering code to be required)
Marking	Standard: II 2 GD Ex d IIB+H2 T6 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
Hardware and screws	AISI316L Stainless steel external hardware and screws
Lamps	Included
Rated operation voltage (UE)	110V/264V (standard version) 220V/240V (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
Operating principles	FL.. floodlight for emergency service : 180 minutes; with constant flux 650 lm (other emergency duration available upon request)
Photometric light curves	

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

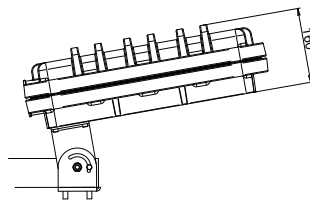
**Front view/
ceiling mounting**



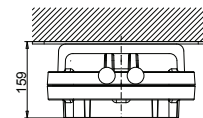
**Straight
bracket**



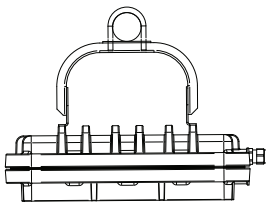
Curved bracket



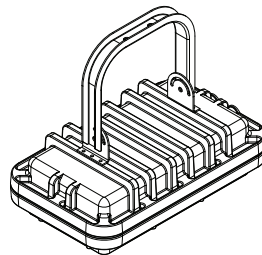
**Ceiling/direct
wall mounting**



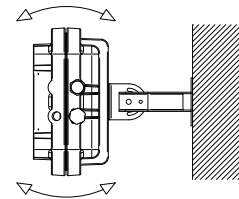
Adjustable pipe



Adjustable pendant



Adjustable wall



LED FL.. Floodlights - Standard version

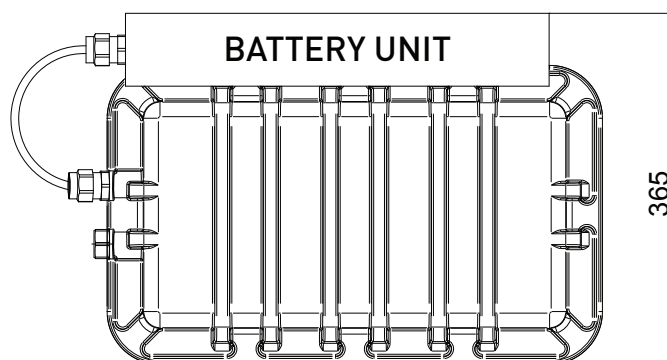
TYPE	CODE	LAMP [W]	VOLTAGE	FREQUENCY	AMBIENT TEMPERATURE
FL-LED 30	A0105.500000	95W	110/264V	50/60HZ	(-50°C;+55°C)
FL-LED 30	A0105.500001	60W	110/264V	50/60HZ	(-50°C;+55°C)
FL-LED 30	A0105.500002	30W	110/264V	50/60HZ	(-50°C;+55°C)
FL-LED 30	A0105.500003	10W	110/264V	50/60HZ	(-50°C;+55°C)

LED FL.. Coventional efficiency comparison table

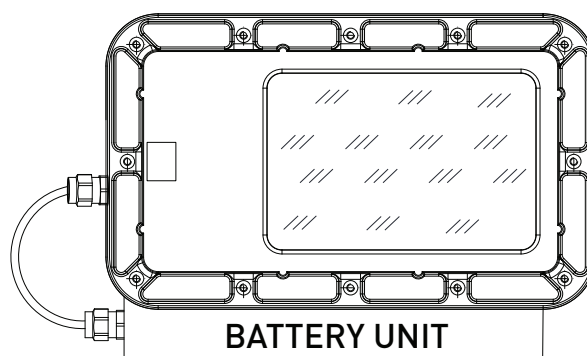
LED ->	FLUORESCENT ->	HID
FL-LED 30 W	2X18 W	50 W HPSV / 80W HPMV
FL-LED 60 W	2X36 W	100 W HPSV/ 125 HPMV
FL-LED 95 W	2X58 W	150 W HPSV / 250 HPMV

Dimension FL..LED – Emergency version

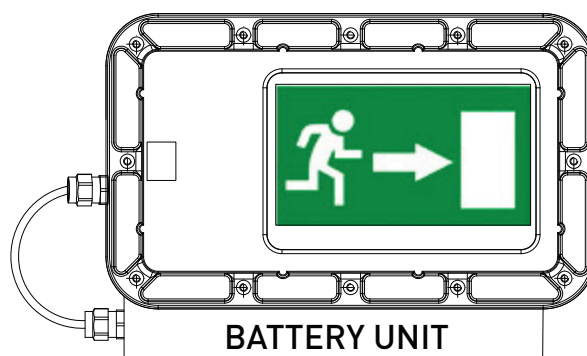
Top view



Front view



EXIT version



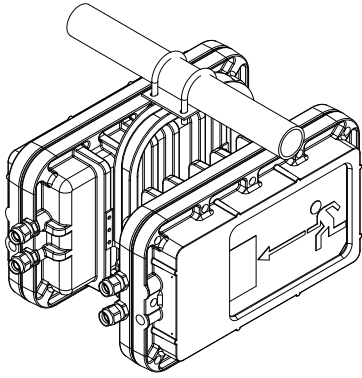
LED FL.. Floodlights – Emergency version / 3 hours duration with 650 lm output in emergency

TYPE	CODE	LAMP [W]	VOLTAGE	FREQUENCY	AMBIENT TEMPERATURE
FL-LED 30	A0105.600000	95W	220/240V	50/60HZ	(-50°C;+55°C)
FL-LED 30	A0105.600001	60W	220/240V	50/60HZ	(-50°C;+55°C)
FL-LED 30	A0105.600002	30W	220/240V	50/60HZ	(-50°C;+55°C)
FL-LED 30	A0105.600003	10W	220/240V	50/60HZ	(-50°C;+55°C)
FL-LED 30 (DOUBLE SIDE)	A0105.700000	2X10W	220/240V	50/60HZ	(-50°C;+55°C)

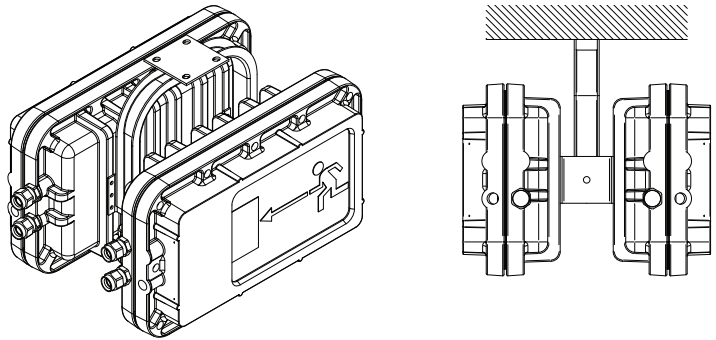
Note: 1300 lm available in emergency condition (upon request)

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

Pipe/pendant mounting

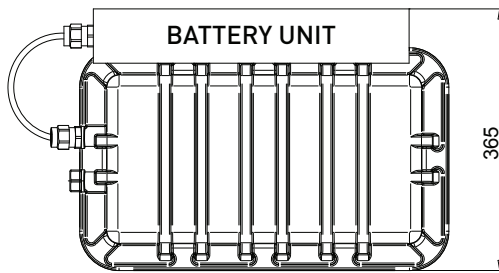


Ceiling mounting



Top view of the emergency floodlight version

650lm/EMERGENCY



1300lm/EMERGENCY

