

LED FLOODLIGHT

FL1.. Series - Copper-free aluminium



- LED explosion-proof floodlights ideal for large-scale areas and street lighting, sidewalk-lighting or perimeter illumination
- Manufactured in copper-free aluminium and tempered glass, FL1 Series have an excellent corrosion resistance
- Provided with adjustable bracket in AISI316L stainless steel for wall/ceiling and pole-mounting
- Modular design: up to 4 units
- Very high lumen output: up to 32.000 lm.

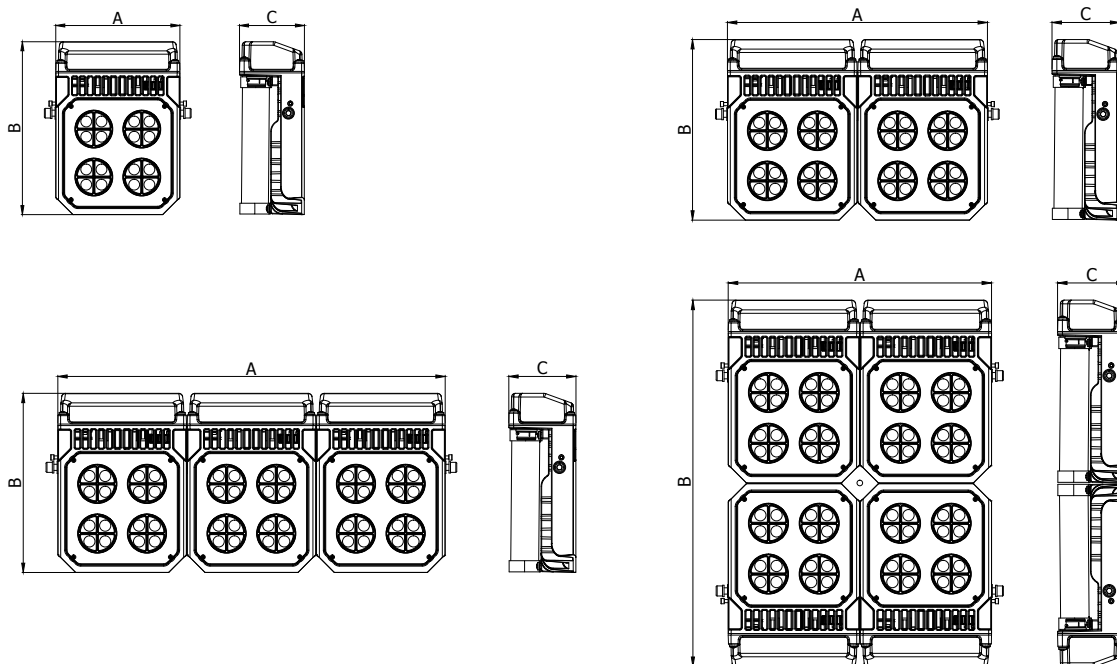
MARKING

II 2G Ex db eb mb IIC T4 Gb
II 2D Ex mb tb IIIC T90°C Db

TECHNICAL FEATURES

Material	Body: copper-free aluminium and tempered glass
IP rating	IP66
Ambient temperature range	-30°C to +60°C
Approval	ATEX: INERIS 20ATEX0063X IECEX: IECEX INE 20.0074X
Zones	Gas Zone: 1, 2 Dust Zone: 21, 22
Rated voltage	110/277 VAC
Frequency	50 - 60 Hz
Colour rendering index	80 CRI
Colour temperature	5.700 K 3.000 K
Power factor	cos φ ≥ 0,98
Surge protection	6 kV AC
LED Lifetime L70/80 Ta+25°C	> 60.000 h - according to IES LM-80-08
Hardware and screws	AISI316L stainless steel
Coating	Painted by polyuretane painting: RAL5014 painting cycle C4 suitable for On-Shore The reference standard is UNI EN ISO 12944 - 1: 2018 Upon request other colours and painting cycles
Entries	2 x entries M25 x 1,5 MARECHAL® 5 Amps PNCX connector upon request
Through wiring	Loop-in/Loop-out possibility
Plug	1 x M25 brass nikel chrome plated plug c/w gasket (mounted) 1 x plastic dustproof plug for M25 entry protection
Emergency Service	Available with only 2- 3 and 4 module version with a 3-hour duration (180 mn)
Accessories upon request	Mounting kit in AISI316L stainless steel; Pole mounting kit, from 1 1/2" up to 2"; Cable gland kit in brass nichel chrome or AISI316L stainless steel.

Dimensions FL1



FL1 LED-Floodlight for normal and emergency service

CODE	TYPE	TOTAL POWER [W]	LUMEN [lm]	LUM. EFF [lm/W]	DIMENSION [mm]			WEIGHT [kg]
					A	B	C	
A0101610D0001	FL1 LED	64	8.000	125	207	290	110	5,00
A0101610D0002	2X FL1 LED 128W	128	16.000	125	414	290	110	10,00
A0101610D0003	3X FL1 LED 192W	192	24.000	125	620	290	110	16,00
A0101610D0004	4X FL1 LED 256W	256	32.000	125	414	578	110	21,00
A0102610D0003	2X FL1-LED 128W LE-P 180	128	16.000	125	414	290	190	13,50
	EMERGENCY SERVICE: 180'		1.200					
A0102610D0002	3X FL1-LED 196W LE-P 180	192	24.000	125	414	290	190	19,50
	EMERGENCY SERVICE: 180'		1.200					
A0102610D0001	4X FL1-LED 256W LE-P 180	256	32.000	125	414	578	190	24,50
	EMERGENCY SERVICE: 180'		1.200					

Photometric light curves

