

LED FLOODLIGHT

FL2 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, FL2 Series have an excellent corrosion resistance
- Provided with adjustable bracket in painted steel for wall/ceiling and pole-mounting with goniometric scale for quick tilt adjustment between -90°C to +90°C
- High efficiency up to 204 lm/W

MARKING

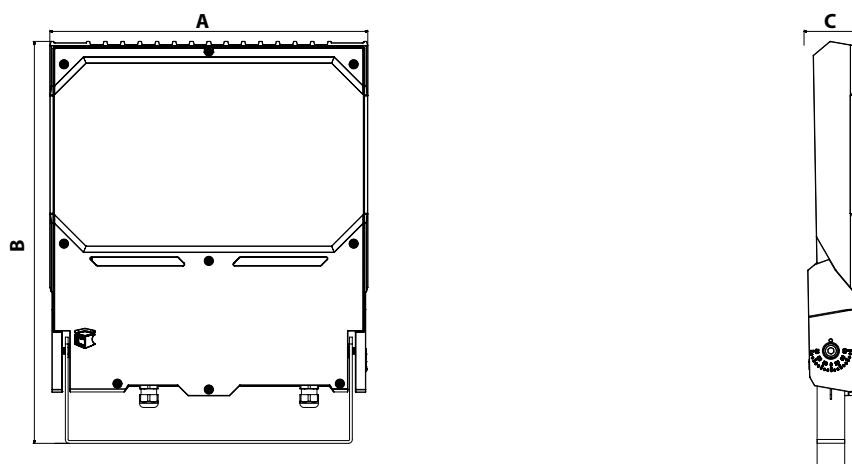
II 3 G Ex ec IIC T3 Gc

II 3 D Ex tc IIIC T90 °C Dc

TECHNICAL FEATURES

Material	Body: copper-free aluminium and tempered glass
IP/IK rating	IP66
Ambient temperature range	-30°C to +55°C
Approvals	ATEX: upcoming IECEX: upcoming
Zones	Gas Zone: 2 Dust Zone: 22 with manufacturer declaration of conformity accordance to ATEX
Rated voltage	220 - 240 VAC
Frequency	50 - 60 Hz
Colour rendering index	80CRI
Colour temperature	4.000 K
Power factor	cos ϕ \geq 0,98
Surge protection	6/10 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 C5 painting cycles
Entries	1 entry M20 x 1,5 (additional entry upon request) MARECHAL® 5 Amps PNCX connector upon request
Through wiring	Loop-in/Loop-out possibility upon request
Plug	1 x plastic dustproof plug for M20 entry protection 1 x M20 polyamide/Brass nickel chrome plug c/w gasket (mounted)
Accessories upon request	Mounting kit in AISI316L stainless steel; Pole mounting kit, from 1 1/2" up to 2"; Cable gland kit in brass nickel chrome or AISI316L stainless steel.

Dimensions FL2

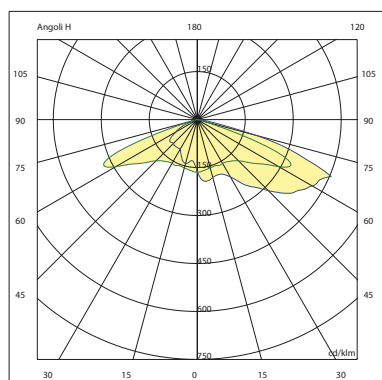


FL2 - Floodlight for normal service

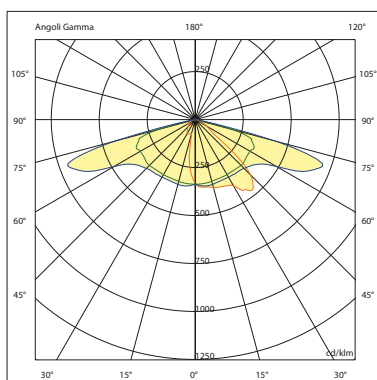
TYPE	POWER [W]	LUMEN [lm]	LUM. EFF [lm/W]	DIMENSION [mm]			WEIGHT [kg]
				A	B	C	
FL2-AS 48	48	9780	204	255	418	67	4.66
FL2-AS 90	90	17170	191	255	418	67	5.06
FL2-AS 128	128	26080	204	461	582	67	11.06
FL2-AS 192	192	39120	204	461	582	67	11.41
FL2-ST 48	48	9780	204	255	418	67	4.66
FL2-ST 90	90	17170	191	255	418	67	5.06
FL2-ST 128	128	26080	204	461	582	67	11.06
FL2-ST 192	192	39120	204	461	582	67	11.51
FL2-SY 48	48	9780	204	255	418	67	4.66
FL2-SY 90	90	17170	191	255	418	67	5.06
FL2-SY 128	128	26080	204	461	582	67	11.06
FL2-SY 192	192	39120	204	461	582	67	11.51

Photometric light curves

FL2-AS 48/90/128/192W



FL2-ST 48/90/128/192W



FL2-SY 48/90/128/192W

