



CE Ex II 3G Ex ec IIC T6 Gc
CE Ex II 3D Ex tc IIIC T85°C Dc



LED INTEGRATED explosion-proof luminaire. Zone 2,22 certified. Body made of glass reinforced polyester, compression moulded. White metal gear tray. PC diffuser. Stainless steel clips, suspension brackets and IP66 cable gland standard included.

Base : Glass reinforced polyester, compression moulded (GRP)
Stainless steel suspension bracket.

Diffuser : Clear PC Diffuser

- **Optional :** Special frosted polycarbonate (PC) for smooth uniform lighting.

Acrylic frosted diffuser (PMMA)

Gear Tray : White painted steel

Clips : 2-part stainless steel clips.

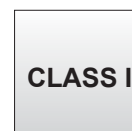


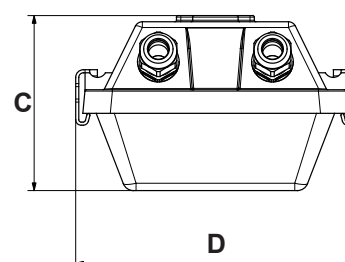
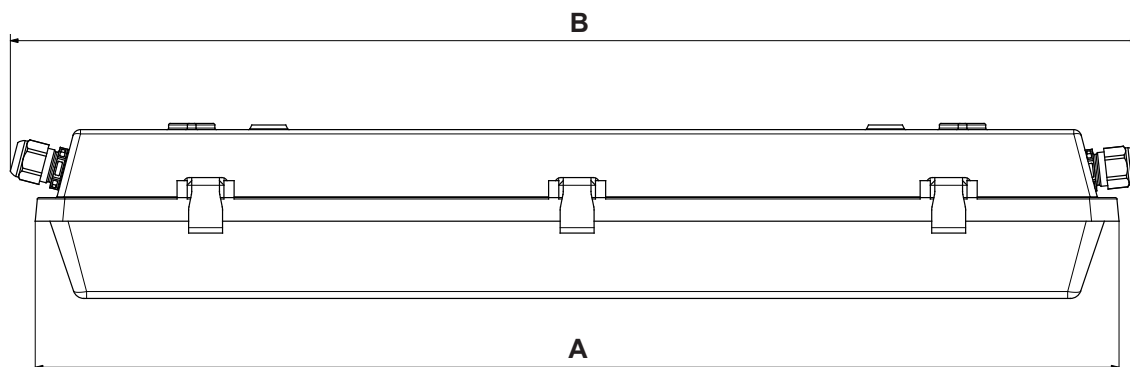
High quality
SAMSUNG LED

Stainless steel susp.
bracket (optional) IP67

LED Specifications :

- Product life 100.000h L70 B10 at Ta.25°C
- Available in 3000K, 4000K, 5000K with CRI > 80.
- MacAdam 3 SDCM.
- Luminous efficiency: up to 168/ lm/W.
- 220-240V - 50/60Hz.



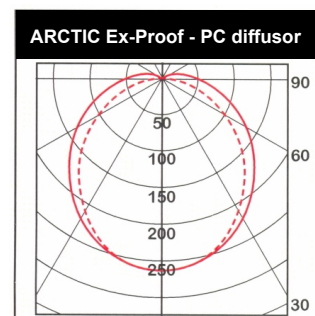


Housing dimensions (mm)	A	B	C	D
Arctic ExProof 60	703	732	182	114
Arctic ExProof 120	1.312	1.340	182	114
Arctic ExProof 150	1.615	1.642	182	114

Type of luminaire	Ex Zone	Ex Protection Mode	Maximum Power**	Maximum Luminous Flux***	Ex Thermal Class	Weight
Arctic ExProof 60	2,22	ec / tc	26 W	3.428 lm	T6 / T85°C	2,4 kg
Arctic ExProof 120	2,22	ec / tc	55 W	7.372 lm	T6 / T85°C	3,8 kg
Arctic ExProof 150	2,22	ec / tc	75 W	9.510 lm	T6 / T85°C	5,3 kg
Arctic ExProof 60 EM*	2,22	ec / tc	50 W	3.428 lm	T6 / T85°C	2,9 kg
Arctic ExProof 120 EM*	2,22	ec / tc	80 W	7.372 lm	T6 / T85°C	4,3 kg
Arctic ExProof 150 EM*	2,22	ec / tc	100 W	9.510 lm	T6 / T85°C	5,8 kg

*EM-versions: maximum power includes built-in batterie heater ** Different power output on request ***with special frosted diffuser @Ta 25°C

Type of luminaire	Inrush Current	MCB Type	Maximum number of Luminaires			
			10A	13A	16A	20A
Arctic ExProof 60	15A / 100 µs	B	37	48	59	74
		C	37	48	59	74
Arctic ExProof 120	20A / 90 µs	B	24	32	40	50
		C	24	32	40	50
Arctic ExProof 150	24A / 120 µs	B	18	24	30	30
		C	18	24	30	30



Technical Specifications:

LED source:	Samsung LED chipboard
LED driver:	Tridonic
Nominal supply voltage:	220-240 V AC - 50/60Hz - 220-240 V DC
Power factor:	>0,9
CCT:	4.000 K
Optional CCT:	3.000 K / 5.000 K
CRI:	>80 Ra
Beam angle:	120°
IP class:	IP66
IK class:	IK10
Insulation class:	CLASS I (protective earth)
Surface treatments:	None
Housing materials:	GRP, PC
Life expectancy:	>1000.000 H - L70B10 @ 25°C
Ambient temperature:	-30°C - +50°C / +45

