



Zone 1, Z1

Very high efficacy explosion-proof LED luminaire.

* **CE 1418 Ex II 2G Ex db IIC T6 Gb**

* **CE 1418 Ex II 2D Ex tb IIIC T85°C Db**

Certificate number: BKI22ATEX0013 X

CE 1418 Ex II 2G Ex db IIC T5 Gb



CE 1418 Ex II 2D Ex tb IIIC T100°C Db

- prominently high luminaire efficacy, up to 131 lm/W
- Zone 1 and Zone 21 certificate
- 3 different length: 457 mm; 707 mm; 957 mm
- power levels can be adjusted
- 3 available CCT: 3000; 4000 and 5000K

- Samsung LED light source
- high quality, marine grade materials
- different available mounting accessories
- ideal for replacing traditional fluorescent luminaires
- optional diffuse optics

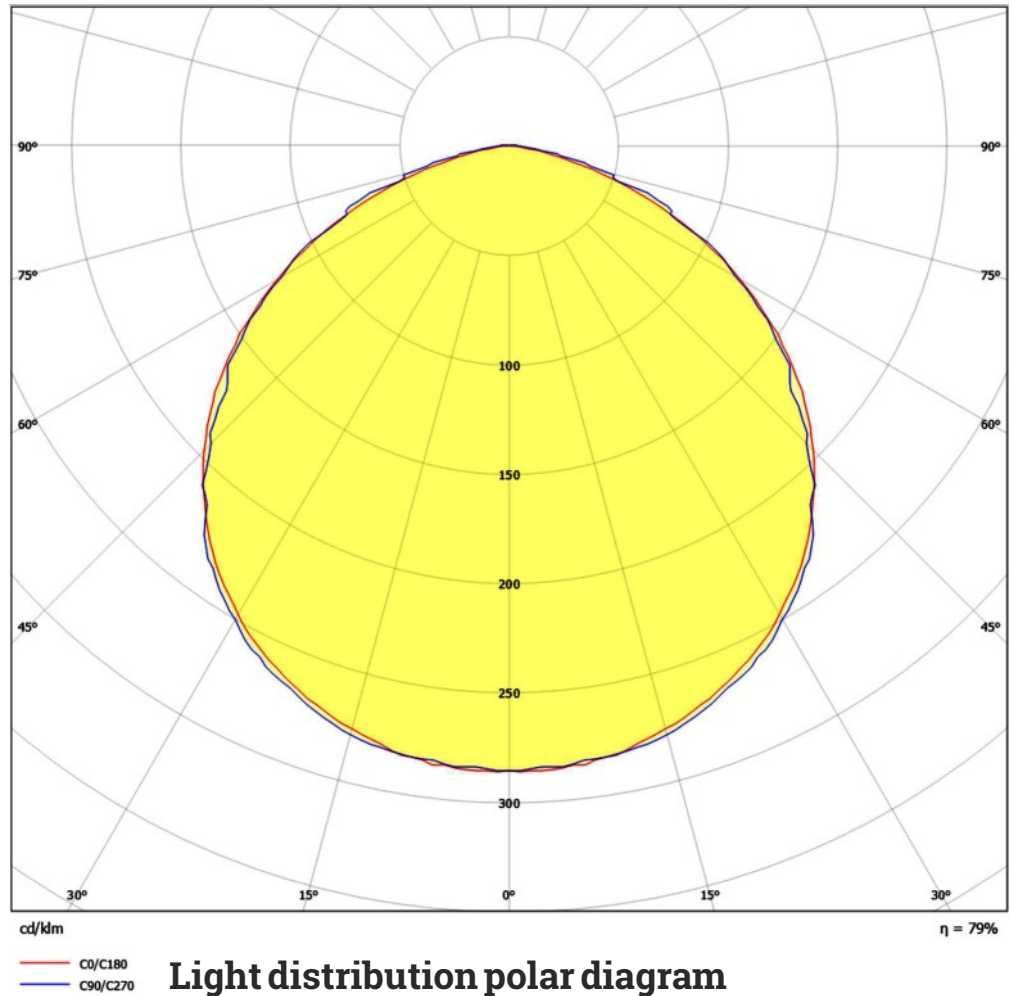
Type of luminaire	Ex Zone	Ex protection mode	Gas/Dust group	Maximum Power	Maximum Luminous flux**	Ex thermal class	Weight
HUNLED-EX-Tube Z1 16W	Z1	db	IIC	16W	2160 lm	T6	3kg
HUNLED-EX-Tube Z21 16W	Z21	tb	IIIC	16W	2160 lm	T85°C	3kg
HUNLED-EX Tube Z1 20W	Z1	db	IIC	24W	3100 lm	T5	3kg
HUNLED-EX Tube Z21 20W	Z21	tb	IIIC	24W	3100 lm	T100°C	3kg
HUNLED-EX Tube Z1 40W	Z1	db	IIC	46W	6200 lm	T5	3,6kg
HUNLED-EX Tube Z21 40W	Z21	tb	IIIC	46W	6200 lm	T100°C	3,6kg
HUNLED-EX Tube Z1 60W	Z1	db	IIC	68W	9300 lm	T5	4,2kg
HUNLED-EX Tube Z21 60W	Z21	tb	IIIC	68W	9300 lm	T100°C	4,2kg

*only for HUNLED-EX Tube 20W version, up to 16W

**with 4000 K and 80 CRI light source.

Made in Hungary

The HUNLE-EX Tube Z1 product line is equipped with LED light source. Thanks to the high quality design, the lifetime of the luminaire is very long, more than 100.000 hrs. The service costs are extremely low. There are different available mounting accessories too, which permit of wall mounting, hanging or mounting on pipe bridges, lighting poles. The luminaire can be ordered in surge protected and dimmable version.

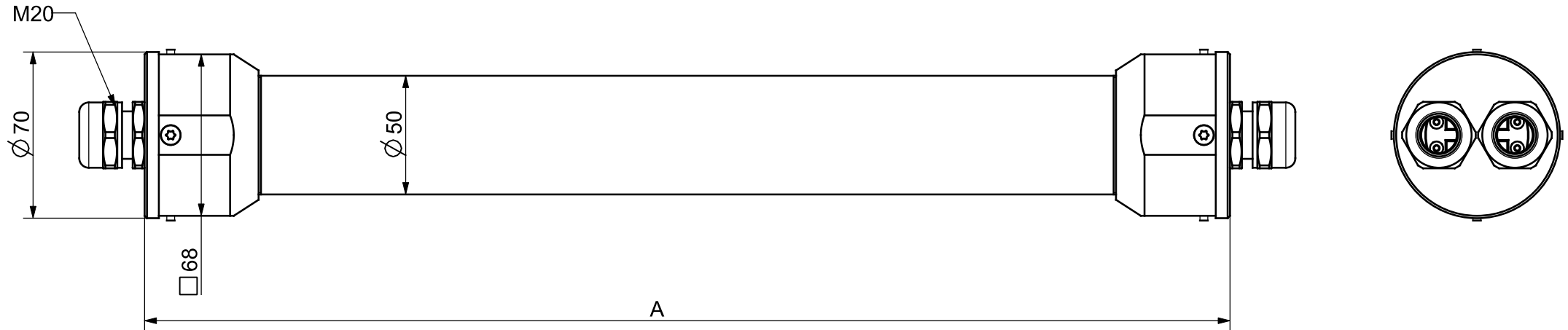


Light distribution polar diagram

Nominal supply voltage:	100-277V AC 50/60Hz 142-391V DC
Power factor:	>0,9
CCT	4000K
Optional CCT	3000K,5000K
CRI:	>80 CRI
Beam angle:	120°
IP class:	IP 66
IK class:	IK 10
Electric protection:	CLASS I (protective earth)
Surface treatments:	Powder coating
Materials:	Marine grade aluminium, PC
Lifetime: L70	>100 000 hrs
Ambient temperature:	-30°C - +50°C

The given information is for rough orientation only! In each individual case a lighting design is necessary! Subject to technical changes, misprints and errors.

Rev.:2023.01.



Type of luminaire	NOT TROUGH-WIRED				TROUGH-WIRED ON 1 SIDE				TROUGH-WIRED ON 2 SIDES			
	BASIC	SURGE PROTECTED	OPTICAL DIFFUSER	SURGE PROTECTED & OPTICAL DIFFUSER	BASIC	SURGE PROTECTED	OPTICAL DIFFUSER	SURGE PROTECTED & OPTICAL DIFFUSER	BASIC	SURGE PROTECTED	OPTICAL DIFFUSER	SURGE PROTECTED & OPTICAL DIFFUSER
HUNLED-EX-TUBE 16W												
HUNLED-EX-TUBE 20W												
Dimension "A" [mm]	408	509	408	509	408	509	408	509	457	557	457	557
Possible cable entries quantity [pcs]	1				2				2			
Type of luminaire	NOT TROUGH-WIRED				TROUGH-WIRED ON 1 SIDE				TROUGH-WIRED ON 2 SIDES			
	BASIC	SURGE PROTECTED	OPTICAL DIFFUSER	SURGE PROTECTED & OPTICAL DIFFUSER	BASIC	SURGE PROTECTED	OPTICAL DIFFUSER	SURGE PROTECTED & OPTICAL DIFFUSER	BASIC	SURGE PROTECTED	OPTICAL DIFFUSER	SURGE PROTECTED & OPTICAL DIFFUSER
HUNLED-EX-TUBE 40W												
Dimension "A" [mm]	658				658				707			
Possible cable entries quantity [pcs]	1				2				2			
Type of luminaire	NOT TROUGH-WIRED				TROUGH-WIRED ON 1 SIDE				TROUGH-WIRED ON 2 SIDES			
	BASIC	SURGE PROTECTED	OPTICAL DIFFUSER	SURGE PROTECTED & OPTICAL DIFFUSER	BASIC	SURGE PROTECTED	OPTICAL DIFFUSER	SURGE PROTECTED & OPTICAL DIFFUSER	BASIC	SURGE PROTECTED	OPTICAL DIFFUSER	SURGE PROTECTED & OPTICAL DIFFUSER
HUNLED-EX-TUBE 60W												
Dimension "A" [mm]	908				908				957			
Possible cable entries quantity [pcs]	1				2				2			

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