Futura Ex

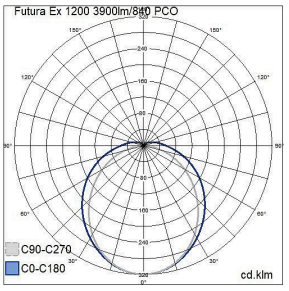
1200 IP66 IK10 3900lm/840 PCO



ATEX-luminaire

Suitable for spaces with an explosive atmosphere or high levels of dust, such as chemical industry production facilities. The structure of the luminaires meets the requirements set in the ATEX directive 2014/34/EU (Ex II 3G Ex nA IIC T6 Gc, Ex II 3D Ex Tc IIIC T85°C Dc). Extremely robust design.

Futura Ex ATEX-luminaire 31W 4000K 3930lm No dim; IP66; IK10; Protection cl. 1; LED not exchangeable; CRI>80; Through-wired; 5x2.5mm²; Housing Plastic; Colour gr; Cover Plastic, opal;



Stocked: Yes

1200 IP66 IK10 3900lm/840 PCO			
PRODUCT CODE	CODE	KG	PRODUCT FAMILY
4338540	4338540	3.3	Futura Ex

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EC001952 Explosion proof luminaire

Mounting	
Mounting method	Wall-/ceiling mounting
Degree of protection (IP)	IP66
Impact strength	IK10
Type of wiring	Through-wired
Number of poles	5
Conductor cross section (mm²)	2.5 mm²
Connection type	Screwless terminal
Connectable conductor cross section (min) (mm²)	1.5 mm²
Connectable conductor cross section (max) (mm²)	2.5 mm²
Max. number of luminaires per miniature circuit breaker B16	30
Max. number of luminaires per miniature circuit breaker C16	51

Structure	
Adjustable	No
Lamp type	LED not exchangeable
Light source included	Yes
Suitable for number of lamps	1
Lamp holder	Other
Housing material	Plastic
Cover material	Plastic, opal
Control gear included	No
Exchangeable control gear	Yes
Energy efficiency class of light source according to EU regulation 2019/2015	Not required
Containing product according to 2019/2020/EU	Yes
For Ex-zone gas	2
For Ex-Zone dust	22

Electrotechnical data	
Voltage type	AC
Nominal voltage (min) (V)	220 V
Nominal voltage (max) (V)	240 V
Type of control gear	LED operating device current-controlled
Protection class according to IEC 61140	I
Suitable for lamp power (min) (W)	27 W
Suitable for lamp power (max) (W)	27 W
Maximum system power (W)	27 W
Luminaire efficacy (lm/W)	146 lm/W
Power factor	0.9

Photometric data	
Light distributor	Diffuser lens/optic/panel
Beam angle	Open beam
Effective luminous flux (lm)	3930 lm
Rated luminous flux according to IEC 62722-2- 1 (min) (lm)	3930 lm
Rated luminous flux according to IEC 62722-2- 1 (max) (lm)	3930 lm
Colour of light (alphanumeric)	White
Colour temperature (min) (K)	4000 K
Colour temperature (max) (K)	4000 K

Lifetime and capacity	
Rated life time L70/B50 at 25 °C (h)	100000 h
Lumen maintenance at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)	85 %
Failure rate at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)	5 %
Rated ambient temperature acc. IEC62722-2-1 (min) (°C)	-20 °C
Rated ambient temperature acc. IEC62722-2-1 (max) (°C)	55 °C

Dimming and control	
Constant luminous flux control	No
With movement sensor	No
With presence indicator	No
With light sensor	No

Measurements	
Width (mm)	145 mm
Height/depth (mm)	111 mm
Length (mm)	1272 mm