

Lighting

Linear luminaire For fluorescent lamps

GRP

6401/542-8508-15-131 Art. No. 239553



- Can be used in Zone 2, 21 and 22
- Explosion-protected linear luminaire with two fluorescent lamps: 18 W, 36 W and 58 W
- Extremely robust: Impact strength rating of IK10

WebCode 6401A



The 6401 EXLUX luminaire is suited to normal indoor and outdoor lighting applications. In no time at all and with very little effort, using the accessories it can be fitted to the wall, ceiling or a pole, or alternatively, it can be suspended. The practical central lock is available with an optional switching element that disconnects the power supply at all poles when the plastic enclosure is opened. Lightweight yet strong: The high-quality workmanship makes this luminaire robust and minimises maintenance requirements.

Technical Data

Explosion Protection

Ex version	Yes
Application range (zones)	2 21 22
IECEX gas certificate	IECEX PTB 14.0035
IECEX gas explosion protection	Ex ec IIC T4 Gc
IECEX dust certificate	IECEX PTB 14.0035
IECEX dust explosion protection	Ex tb / tc IIIC T80 °C Db
ATEX gas certificate	PTB 14 ATEX 2017
ATEX gas explosion protection	⊕ II 3 G Ex ec IIC T4 Gc
ATEX dust certificate	PTB 14 ATEX 2016
ATEX dust explosion protection	⊕ II 2 D Ex tb ... tc IIIC T80 °C Db
Certificates	ATEX (PTB), IECEX (PTB)
Ship approval	DNV GL

Electrical Data

Rated operational voltage AC	220 – 240 V
Rated operational voltage DC	220 – 240 V
Frequency range	50 – 60 Hz

Lighting Data

Number of lamps	2
Lamp wattage	36 W
Lamp	G13 lamp base
Luminaire efficacy	0 lm/W
Luminous flux	0 lm
Colour temperature	0 K

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Ambient Conditions

Ambient temperature	-30 °C ... +50 °C (T80 °C) Note: Through wiring max. 3x16 A (T80 °C)
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Mechanical Data

Version	Standard
Degree of protection IP (IEC 60598)	IP66/IP67
Class	I (with inner PE connection)
Enclosure material	Polyester resin, Glass fibre reinforced
Sealing material	Silicone
Silicon free	Contains silicone
Material translucent cover	Polycarbonate
Installed terminal strip	PE + N + L1 + L2 + L3
Connection terminals solid max.	6 mm ²
Connection terminals finely-stranded max.	4 mm ²
Type of connection cable	Finely stranded Solid Stranded
Design size	4
Width	184 mm
Height	125 mm
Length	1310 mm
Impact strength (IEC 62262)	IK10
Enclosure colour	Light grey (RAL 7035)
Weight	5.5 kg
Weight	12.13 lb
Disconnection of the luminaire	No

Components

Threaded plate	2x plastic
Ballast	ELXe
Through wiring	With 5 conductors 2.5 mm ²
Drilled holes	3 x M25
Cable entries	2 x M25 Ø 7 – 17 mm
Material cable gland	Polyamide, black
Stopping plug	2 x M25 x 1.5
Stopping plug material	Polyamide, black
Accessories	Provided

Lighting

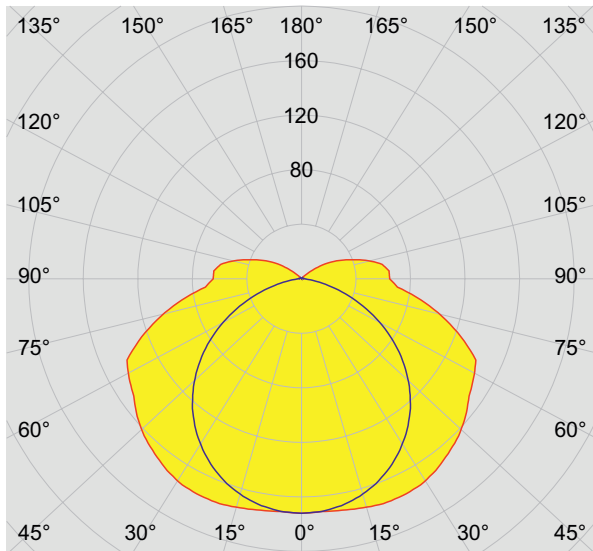
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Light Distribution Curves

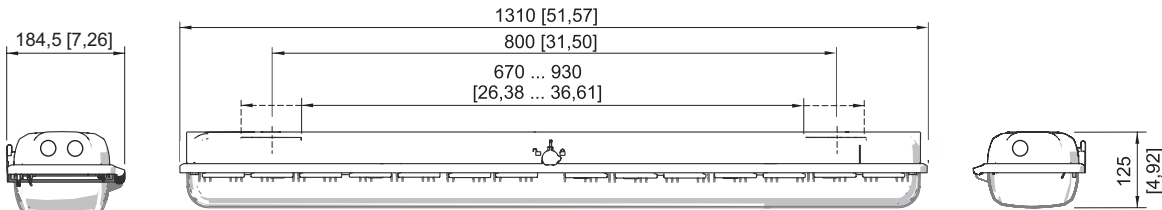


cd/klm 77%

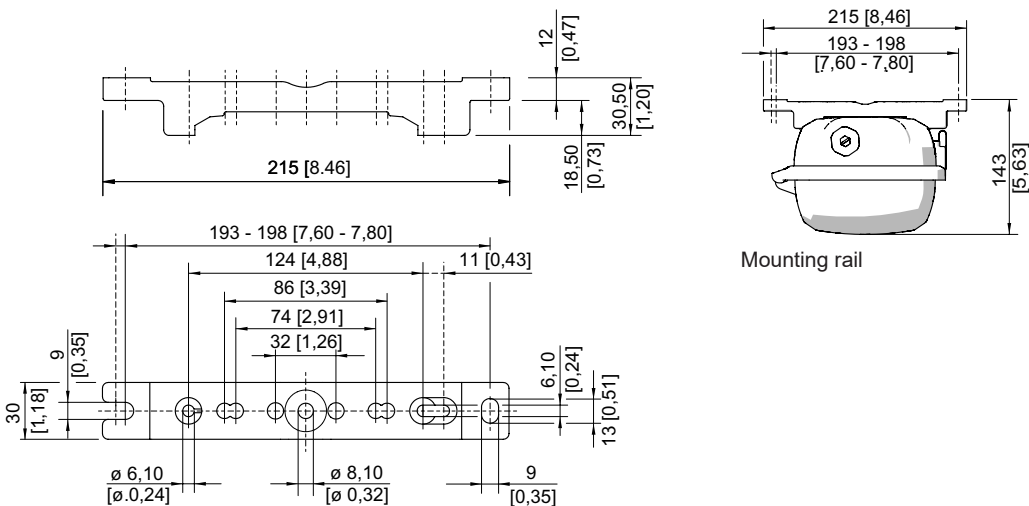
— C0 - C180 — C90 - C270

2 x 36 W

Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



Size 4



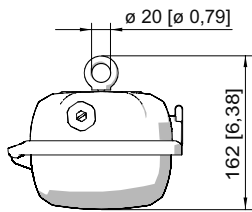
Mounting rail

Lighting

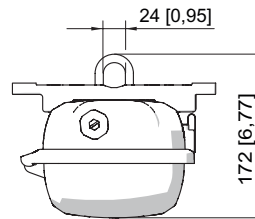
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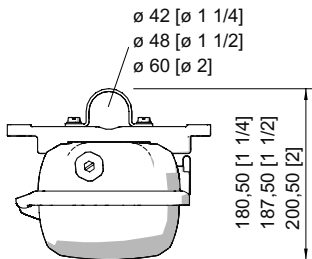
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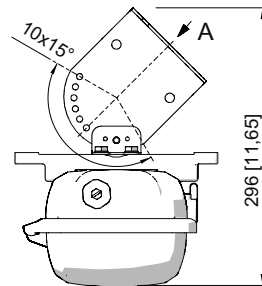
Ring bolt fitted in insert nut of the luminaire



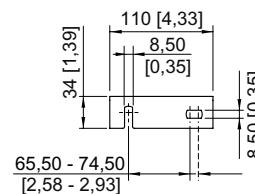
Mounting bracket fitted in mounting rail



Pipe clamp fitted in mounting rail



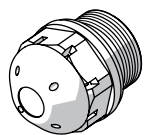
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Wall mounting bracket fitted in mounting rail

Accessories

Breather



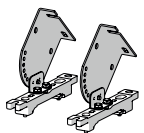
Thread: M25 x 1.5; 1 pc; for installation in lights; in moulded material; without counter nut
Thread: M25 x 1.5; 20 pc; for installation in lights; in moulded material; without counter nut

Art. No.

138573

138576

Ceiling and wall mounting bracket

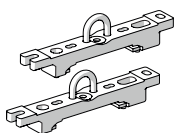


mounted on a mounting rail for a variable mounting distance; Material: stainless steel; Lamp can be swiveled in steps of 15°; 1 pair

Art. No.

222827

Mounting bracket

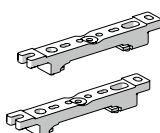


mounting clamp mounted on a mounting rail for a variable mounting distance; 1 pair

Art. No.

222456

Mounting rail



for a variable mounting distance; 1 pair

Art. No.

222826

Lighting

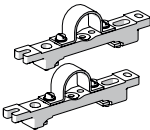
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Pipe clamp

		Art. No.
	R 1 1/2"; with mounting rail for a variable mounting distance; Material: stainless steel; 1 pair	222459
	R 1 1/4"; with mounting rail for a variable mounting distance; Material: stainless steel; 1 pair	222458
	R 2"; with mounting rail for a variable mounting distance; Material: stainless steel; 1 pair	222460

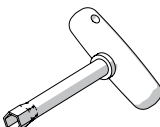
Pole mounting sleeve

		Art. No.
	for the subsequent mounting on lights size 2 and size 4, completely with assembly parts (for pipe diameter 42 mm)	227512

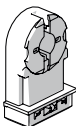
Ring bolt

		Art. No.
	M8, direct mounting in insert nuts; 1 pair	115736

Socket key

		Art. No.
	M8 / wrench size 13; to open/close the central locking	222430

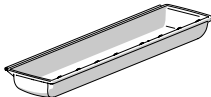
Spare Parts

		Art. No.
	G13 lamp holder for light fittings with T8 fluorescent lamps for use in Zone 2 and for industrial applications (x 100 units)	107275

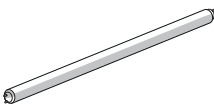
Contact element

		Art. No.
	8080/1-3-L 2 NC contact element	132527

Cover

		Art. No.
	for luminaire size 4	222428

Fluorescent lamp

		Art. No.
	36 W, 3350 lm	108951

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.