

# Lighting

## Linear luminaire For fluorescent lamps

GRP

6001/522-9510-15-131 Art. No. 220897



- Can be used in Zone 1, 2, 21 and 22
- Extremely robust: Impact strength rating of IK10

MY R. STAHL 6001A



The 6001 EXLUX luminaire is suited to normal lighting applications in almost any facility. 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 has a safety switch 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)	1 2 21 22
IECEX gas certificate	IECEX PTB 13.0003
IECEX gas explosion protection	Ex db eb IIC T4 Gb
IECEX dust certificate	IECEX PTB 13.0003
IECEX dust explosion protection	Ex tb IIIC T80 °C Db
ATEX gas certificate	PTB 13 ATEX 2004
ATEX gas explosion protection	Ex II 2 G Ex db eb IIC T4 Gb
ATEX dust certificate	PTB 13 ATEX 2004
ATEX dust explosion protection	Ex II 2 D Ex tb IIIC T80 °C Db
Certificates and approvals	ATEX IECEX
Certificates	ATEX (PTB), IECEX (PTB)
Ship approval	DNV

#### 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	18 W
Lamp	G13 lamp base
Luminaire efficacy	0 lm/W
Luminous flux	0 lm

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## Ambient Conditions

Ambient temperature	-30 °C ... +50 °C Note: Through wiring Max. 3x16 A -30 °C ... +55 °C Note: Through wiring 2 Max. 3x10 A
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## Mechanical Data

Version	Standard
IP degree of protection (IEC 60598)	IP66/IP67
Class	I (with inner PE connection)
Enclosure material	Polyester resin, Glass fibre reinforced
Enclosure colour	Light grey (RAL 7035)
Sealing material	Silicone
Silicone-free content	Contains silicone
Translucent cover material	Polycarbonate
Installed terminal strip	PE + N + L1 + L2 + L3
Max. solid connection terminals	6 mm <sup>2</sup>
Max. finely stranded connection terminals	4 mm <sup>2</sup>
Lighting lock	Central lock , For box spanner actuation
Type of connection cable	Finely stranded Solid
Size	2
Width	184 mm
Height	125 mm
Length	700 mm
Impact strength (IEC 62262)	IK10
Weight	4.5 kg
Weight	9.92 lb
Disconnection of the luminaire	Yes

## Components

Threaded plate	2x plastic
Ballast	6042/243-21
Through wiring	With 5 conductors 2.5 mm <sup>2</sup>
Drilled holes	3 x M25
Cable glands and entries	2 x M25 Ø 7 ...
Material cable gland	Polyamide, black
Stopping plugs	2 x M25 x 1.5
Stopping plug material	Polyamide, black
Accessories	Provided

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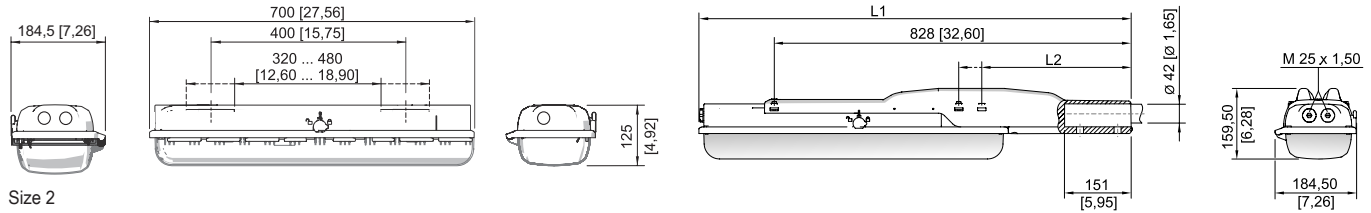
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#### Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



With pole mounting sleeve

Size 2:

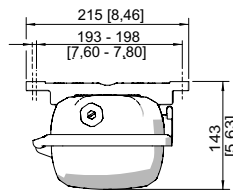
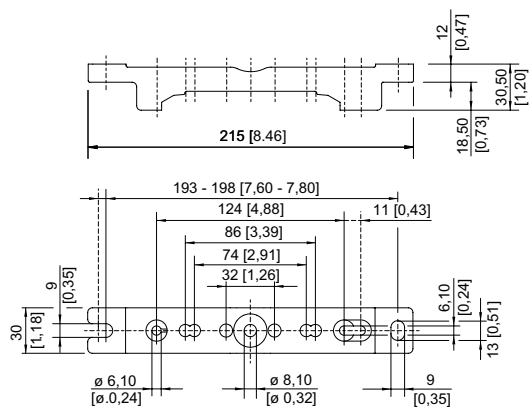
L1 = 978 mm [38,50]

L2 = 390 mm [15,35]

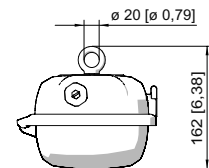
Size 4:

L1 = 1587 mm [62,48]

L2 = 338 mm [13,31]

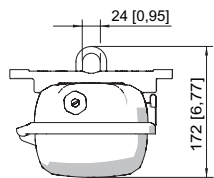


Mounting rail

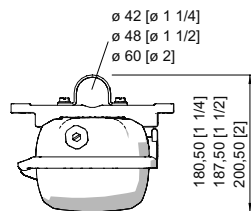


Ring bolt fitted in insert nut of the luminaire

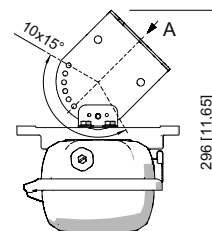
Mounting rail



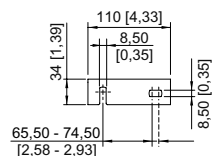
Mounting bracket fitted in mounting rail



Pipe clamp fitted in mounting rail



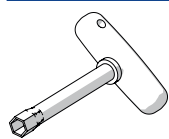
A



Wall mounting bracket fitted in mounting rail

## Accessories

### Box spanner



M8 / A/F 13;  
For actuating the central lock

Art. No.

222430

# Lighting

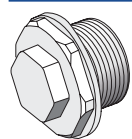
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STAHL

## Breather

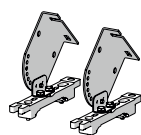


Thread: M25 x 1.5 (1 piece); for installation in light fittings; made from stainless steel; without jam nut

Art. No.

296608

## Ceiling and wall mounting bracket

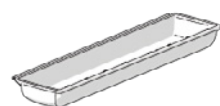


mounted on a mounting rail for a variable mounting distance; Material: stainless steel; Lamp can be swiveled in steps of 15°; 1 pair

Art. No.

222827

## Cover



For size 2 luminaires (diffuse), when used on an emergency luminaire with individual power supply, the visibility of the display LED may be restricted

Art. No.

276669

## Holder for translucent cover

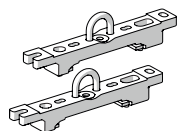


The fall prevention system for the light fitting cover prevents the light fitting cover from falling accidentally when the light fitting is opened.

Art. No.

226791

## Mounting bracket

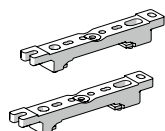


mounting clamp mounted on a mounting rail for a variable mounting distance; 1 pair

Art. No.

222456

## Mounting rail

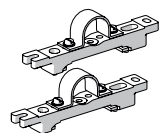


for a variable mounting distance; 1 pair

Art. No.

222826

## Pipe clamp



R 1 1/2"; with mounting rail for a variable mounting distance; material: stainless steel; 1 pair

Art. No.

222459

R 1 1/4"; with mounting rail for a variable mounting distance; Material: stainless steel; 1 pair

Art. No.

222458

R 2"; with mounting rail for a variable mounting distance; Material: stainless steel; 1 pair

Art. No.

222460

## Pole mounting sleeve

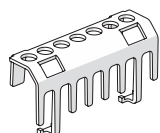


for the subsequent mounting on lights size 2 and size 4, completely with assembly parts (for pipe diameter 42 mm)

Art. No.

227512

## Protection against accidental contact



The protection against accidental contact prevents maintenance technicians and electrical installers from accidentally touching conductive parts. The degree of protection is increased to IP20 when the protection against accidental contact is used.

Art. No.

283153

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## Ring bolt

Art. No.



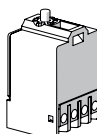
M8, direct mounting in insert nuts; 1 pair

115736

## Spare Parts

### Contact element

Art. No.

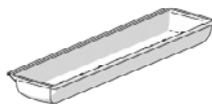


8080/1-3-L 2 NC contact element

132527

### Cover

Art. No.

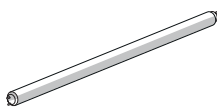


for luminaire size 2

222427

### Fluorescent lamp

Art. No.

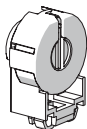


18 W, 1350 lm

108952

### Lamp holder

Art. No.



G13 Ex e lamp holder for light fittings with T8 fluorescent lamps for use in Zone 1

117252

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