Lighting

Linear luminaire With LED
GRP industrial design
L402/4348-6100-152-1110-11-8500   Art. No. 271364

- Highly resistant industrial design
- Linear luminaire with long-life, efficient LED technology (up to 138 lm/W)
- Lightweight yet extremely robust, with an impact strength rating of IK10

MY R. STAHL **L402A**

The EXLUX L402/4 luminaire is designed for industrial use and can be fitted to the ceiling, a pole, or alternatively, it can be suspended. A bright light for not much energy is what you get with this efficient LED technology, which offers the added benefit of increased service life – this can be as much as 100,000 hours. The plastic enclosure is easily to open by a central lock.

Technical Data

Explosion Protection

Ex version	Industrial design

Electrical Data

Rated operational voltage AC	100 – 240 V
Rated operational voltage DC	200 ... 250 V
Frequency range	50 – 60 Hz

Lighting Data

Number of lamps	1
Lamp wattage	42 W
Lamp	LED
Light colour	5000 K – neutral white
Light distribution	120°x120° with diffusing glass
Luminaire efficacy	138 lm/W
Luminous flux	5810 lm
Colour rendering	≥ 80
Colour temperature	5000 K

Ambient Conditions

Ambient temperature	-40 °C ... +55 °C Note: Through wiring Max. 3x16 A -40 °C ... +60 °C Note: Through wiring 2 Max. 3x10 A
Note	Through wiring max. 3x16 A Ambient temperature °C -40 °C ... +55 °C Through wiring 2 max. 3x10 A Ambient temperature °C 2 -40 … +60 °C

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

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1/4

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STAHL

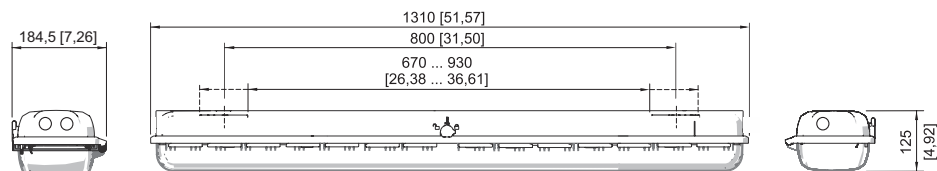## Mechanical Data

Enclosure colour	Light grey (RAL 7035)
Diffuser	With diffuser
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 mm²
Max. finely stranded connection terminals	4 mm²
Type of connection cable	Finely stranded Solid
Size	4
Width	184 mm
Height	125 mm
Length	1310 mm
Impact strength (IEC 62262)	IK10
Weight	5.6 kg
Weight	12.35 lb
Disconnection of the luminaire	No
Components	
Threaded plate	2x plastic
Ballast	VG Luxtronic 40 W 300 mA
Through wiring	With 5 conductors 2.5 mm²
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

Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations
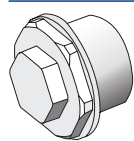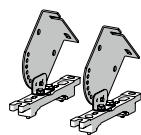
184,5 [7,26]

1310 [51,57]

800 [31,50]

670 ... 930
[26,38 ... 36,61]

125
[4,92]

Size 4

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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

Wall mounting bracket fitted in mounting rail
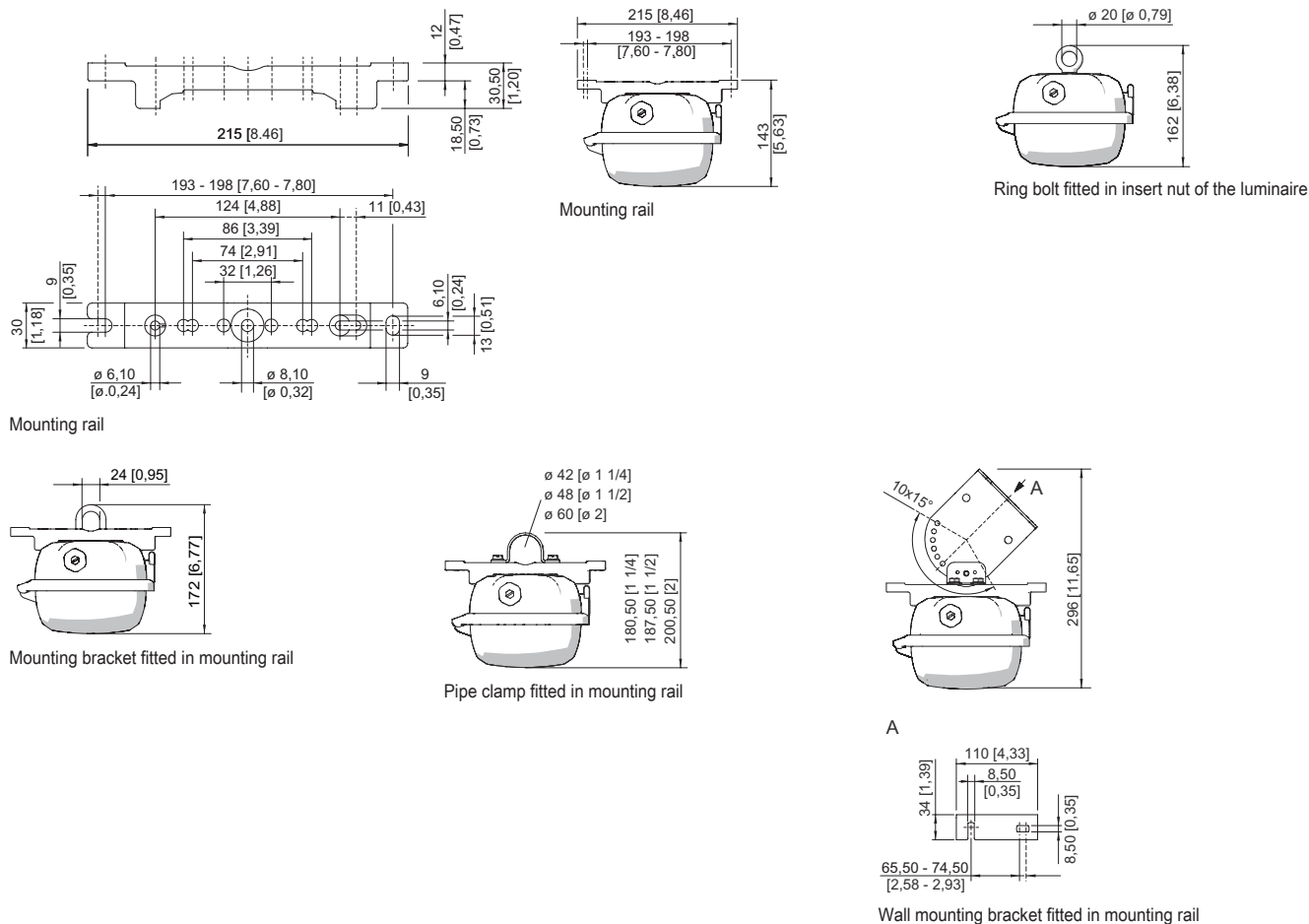
Accessories

Breather		Art. No.
	Thread: M25 x 1.5 (1 piece); for installation in light fittings; made from stainless steel; without jam nut	296608

Ceiling and wall mounting bracket		Art. No.
	mounted on a mounting rail for a variable mounting distance; Material: stainless steel; Lamp can be swiveled in steps of 15°; 1 pair	222827
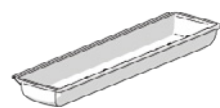
Cover		Art. No.
	For size 4 luminaires (diffuse), when used on an emergency luminaire with individual power supply, the visibility of the display LED may be restricted	276670

Holder for translucent cover		Art. No.
	The fall prevention system for the light fitting cover prevents the light fitting cover from falling accidentally when the light fitting is opened.	226791

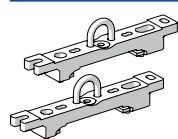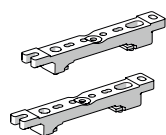| Mounting bracket		Art. No.
	mounting clamp mounted on a mounting rail for a variable mounting distance; 1 pair	222456

Mounting rail		Art. No.
	for a variable mounting distance; 1 pair	222826
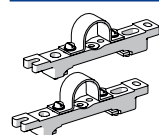
Pipe clamp		Art. No.
	R 1 1/2"; with mounting rail for a variable mounting distance; material: stainless steel; 1 pair	222459
	R 1 1/4"; with mounting rail for a variable mounting distance; Material: stainless steel; 1 pair	222458
	R 2"; with mounting rail for a variable mounting distance; Material: 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

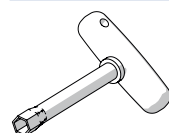| Ring bolt		Art. No.
	M8, direct mounting in insert nuts; 1 pair	115736

Socket key		Art. No.
	M8 / A/F 13; For actuating the central lock	222430

Spare Parts
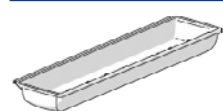
Cover		Art. No.
	for luminaire size 4	222428

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.

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4/4