

Lighting

Linear luminaire With LED

GRP industrial design

L402/4348-6100-152-1110-11-850S Art. No. 331767

STAHL



- Highly resistant industrial design
- Can be used as a humidifier luminaire and in environments with high mechanical loads
- Linear luminaire with long-life, efficient LED technology (up to 138 lm/W)
- Optionally available with DALI interface or address module for use with a central battery system
- Very lightweight and robust, with an impact strength rating of IK10
- Easy to install and easy to maintain thanks to the central lock

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
Declaration of conformity	ATEX (EUK)

Electrical Data

AC rated operational voltage	100 ... 240 V
DC rated operational voltage	110 ... 250 V
Frequency	50 ... 60 Hz
Control gear service life	C10 ≥ 100 h, Ta ≤ 60 °C
LED service life	L90B50 ≥ 100 h

Lighting Data

Number of lamps	1
Lamp wattage	35 W
Lamp	LED
Light colour	5000 K – neutral white
Light distribution	120°x120° with diffusing glass
Luminaire efficacy	138 lm/W
Luminous flux	4760 lm
Colour rendering	≥ 80
Colour temperature	5000 K

Ambient Conditions

Ambient temperature	-40 °C ... 55 °C (Through wiring max. 3x16 A) -40 °C ... 60 °C (Through wiring 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)

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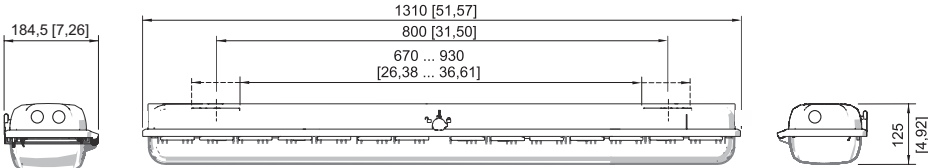
Mechanical Data

Insert nut material	Brass
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
Disconnection of the luminaire	No
Weight	5.6 kg
Weight	12.35 lb

Components

Threaded plate	2x plastic
Ballast	VG Luxtronic 40 W 250 mA
Through wiring	With 5 conductors 2.5 mm²
Drilled holes	3 x M25
Cable glands and entries	2 x M25 Ø 7 ... 17 mm
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



Size 4

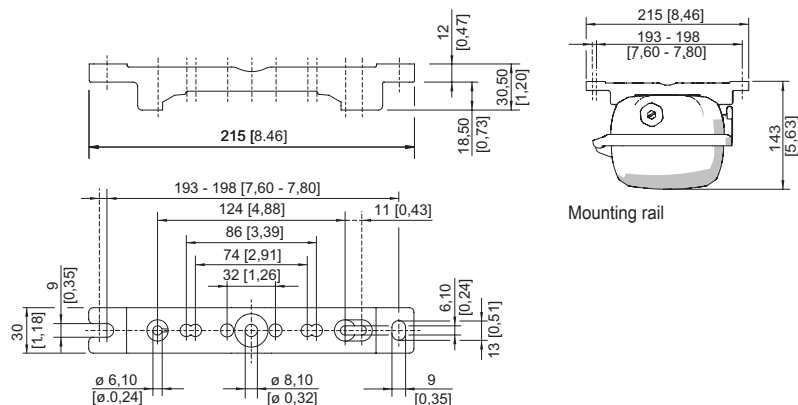
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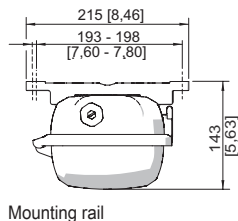
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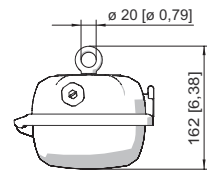
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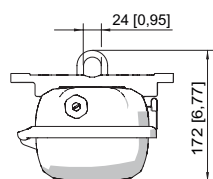
Mounting rail



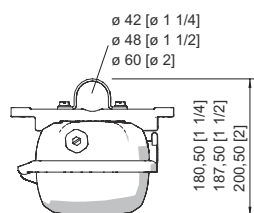
Mounting rail



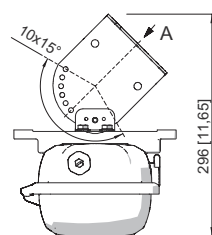
Ring bolt fitted in insert nut of the luminaire



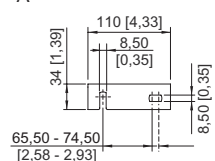
Mounting bracket fitted in mounting rail



Pipe clamp fitted in mounting rail



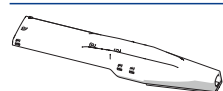
A



Wall mounting bracket fitted in mounting rail

Accessories

Pole mounting sleeve

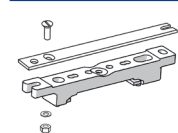


for the subsequent mounting on lights size 2 and size 4, completely with assembly parts (for pipe diameter 42 mm)

Art. No.

227512

Adapter plate for mounting EXLUX 6002 on EXLUX 6000 mounting interfaces

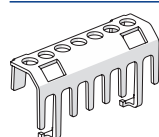


Adapter plate for installation of EXLUX 6002 luminaires onto EXLUX 6000 interfaces

Art. No.

240653

Protection against accidental contact

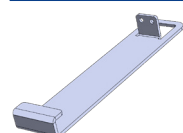


The protection against accidental contact prevents maintenance technicians and electrical installers from accidentally touching conductive parts. The degree of protection is increased to IP20 when the protection against accidental contact is used.

Art. No.

283153

Fall protection



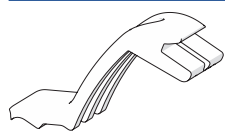
Accessories for mounting an arrester cable

Art. No.

295927

Holder for translucent cover

Art. No.

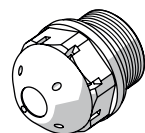


The fall prevention system for the light fitting cover prevents the light fitting cover from falling accidentally when the light fitting is opened.

226791

Breather

Art. No.

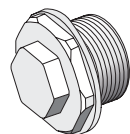


Thread: M25 x 1.5 (20 pieces); without jam nut

285780

M25 x 1.5 in order to avoid condensate formation

115738



Thread: M20 x 1.5 (1 piece); for installation in light fittings; made from stainless steel; without jam nut

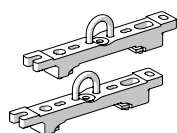
323702

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

296608

Mounting bracket

Art. No.

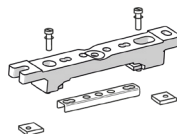


mounting clamp mounted on a mounting rail for a variable mounting distance; 1 pair

222456

Mounting rail

Art. No.

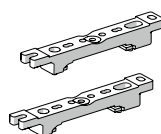


Mounting accessories for ceiling mounting of EXLUX luminaires with V4A metal insert for reinforcement

325835

Mounting accessories for ceiling mounting of EXLUX luminaires with V4A metal insert and captive M8 nut

329336



for a variable mounting distance; 1 pair

222826

Ring bolt

Art. No.

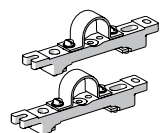


M8, direct mounting in insert nuts; 1 pair

115736

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

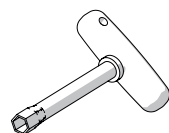
222458

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

222460

Box spanner

Art. No.



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

222430

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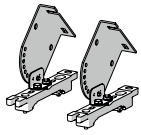
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Ceiling and wall mounting bracket

Art. No.



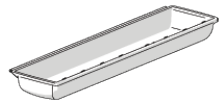
mounted on a mounting rail for a variable mounting distance; Material: stainless steel; Lamp can be swiveled in steps of 15°; 1 pair

222827

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.