

Lighting

Linear luminaire With LED

GRP industrial design

L402/6328-8100-530-2220-22-8400 Art. No. 351527

STAHL



- Highly resistant industrial design
- Can be used as a humid luminaire and in environments with high mechanical loads
- Linear luminaire with long-life, efficient LED technology (up to 160 lm/W)
- 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 L402B

The ToughLUX L402/6 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	CE declaration of conformity

Electrical Data

AC rated operational voltage	220 ... 240 V
Control gear service life	C10 ≥ 100 h, Ta ≤ 40 °C C10 ≥ 50 h, Ta ≤ 50 °C
LED service life	L90B50 ≥ 100 h

Lighting Data

Number of lamps	1
Lamp wattage	19 W
Lamp	LED
Light colour	4000 K – warm neutral white
Light distribution	120°x120° with diffusing glass
Luminaire efficacy	147 lm/W
Luminous flux	2800 lm
Colour rendering	≥ 80
Colour temperature	4000 K
Light source efficiency class	B

Ambient Conditions

Ambient temperature	-20 °C ... 50 °C
Ambient temperature	-4 °F ... 122 °F

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)

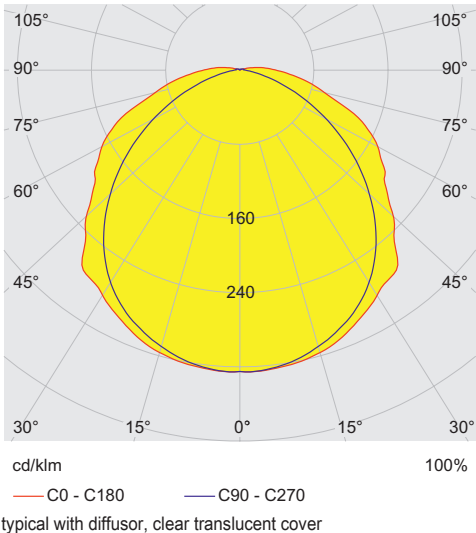
Mechanical Data

Insert nut material	Brass
Diffuser	With diffuser
Sealing material	Silicone
Silicone-free content	Contains silicone
Translucent cover material	Polycarbonate
Translucent cover	Clear
Installed terminal strip	PE + N + L1
Max. solid connection terminals	4 mm²
Max. finely stranded connection terminals	4 mm²
Type of connection cable	Finely stranded Solid
Size	2
Width	184 mm
Height	125 mm
Length	700 mm
Impact strength (IEC 62262)	IK10
Disconnection of the luminaire	No
Weight	3.4 kg
Weight	7.5 lb

Components

Threaded plate	2x SS430 stainless steel
Ballast	VG Tridonic 40 W 250 mA
Through wiring	without
Drilled holes	3 x M20
Cable glands and entries	1 x M20 Ø 7 ... 13 mm
Stopping plugs	2 x M20 x 1.5
Stopping plug material	Polyamide, black
Accessories	Provided

Light Distribution Curves



Lighting

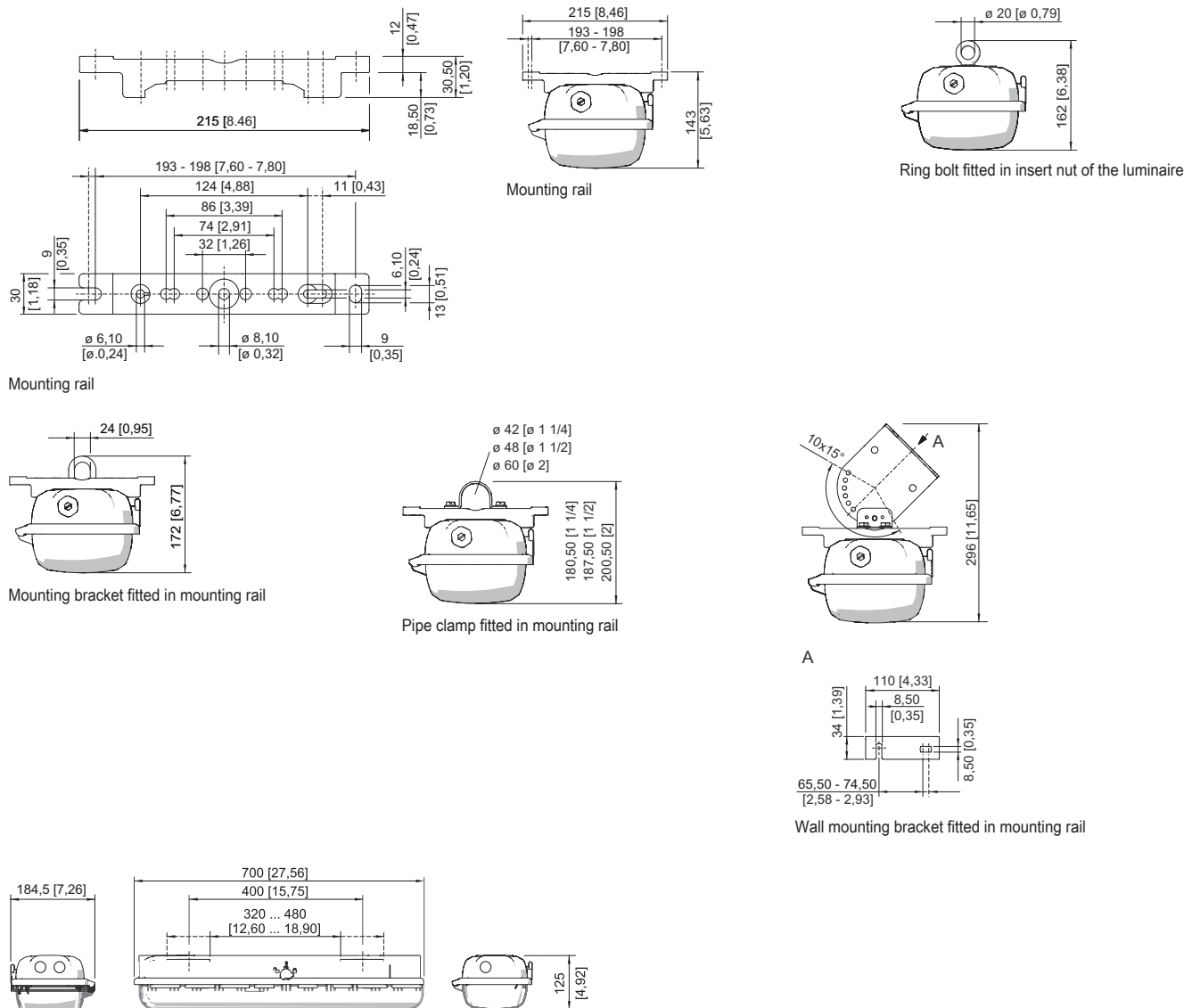
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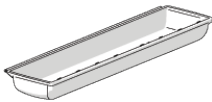
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Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



Accessories

Cover		Art. No.
	For size 2 luminaires (diffuse), when used on an emergency luminaire with individual power supply, the visibility of the display LED may be restricted	276669
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

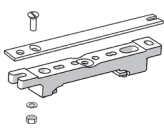
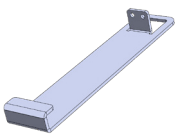
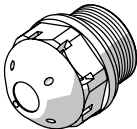
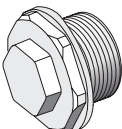
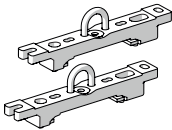
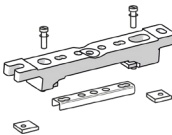
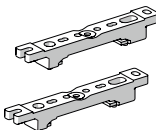
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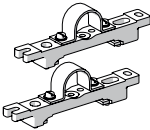
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Adapter plate for mounting EXLUX 6002 on EXLUX 6000 mounting interfaces		Art. No.
	Adapter plate for installation of EXLUX 6002 luminaires onto EXLUX 6000 interfaces	240653
Fall protection		Art. No.
	Accessories for mounting an arrester cable	295927
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

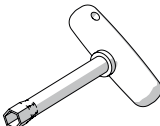
Ring bolt

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

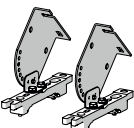
Pipe clamp

		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

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

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.