

Lighting

Linear luminaire With LED

GRP industrial design

L402/6348-8100-530-1110-11-8400 Art. No. 349641



- 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 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

Lamp wattage	35 W
Lamp	LED
Light colour	4000 K – warm neutral white
Light distribution	120°x120° with diffusing glass
Luminaire efficacy	160 lm/W
Luminous flux	5600 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)
Insert nut material	Brass

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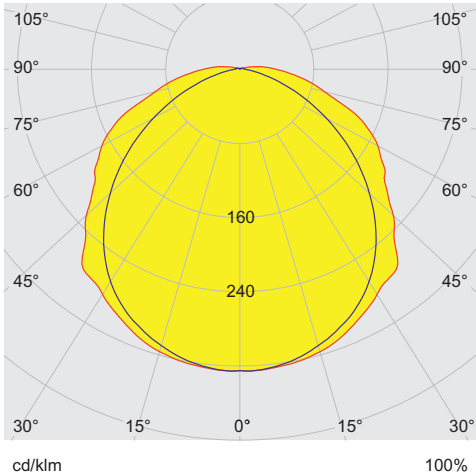
Mechanical Data

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	4
Width	184 mm
Height	125 mm
Length	1310 mm
Impact strength (IEC 62262)	IK10
Disconnection of the luminaire	No
Weight	6 kg
Weight	13.23 lb

Components

Threaded plate	2x plastic
Ballast	VG Tridonic 40 W 250 mA
Through wiring	without
Drilled holes	3 x M25
Cable glands and entries	1 x M25 Ø 7 ... 17 mm
Stopping plugs	2 x M25 x 1.5
Stopping plug material	Polyamide, black
Accessories	Provided

Light Distribution Curves



— C0 - C180 — C90 - C270
typical with diffuser, clear translucent cover

Technical drawings of the mounting rail showing dimensions in mm and inches.

Side View Dimensions:

- Total length: 215 [8.46]
- Mounting hole spacing: 193 - 198 [7.60 - 7.80]
- Individual hole spacing: 124 [4.88], 86 [3.39], 74 [2.91], 32 [1.26], 11 [0.43]
- Hole diameters: $\varnothing 6.10$ [$\varnothing 0.24$], $\varnothing 8.10$ [$\varnothing 0.32$]
- Base width: 30 [1.18]
- Mounting hole diameter: 6.10 [0.24]
- Mounting hole offset: 9 [0.35]
- Mounting hole offset: 13 [0.51]
- Mounting hole offset: 6.10 [0.24]
- Mounting hole offset: 18.50 [0.73]
- Mounting hole offset: 12 [0.47]
- Mounting hole offset: 30.50 [1.20]

Top View Dimensions:

- Total width: 215 [8.46]
- Mounting hole spacing: 193 - 198 [7.60 - 7.80]
- Profile height: 143 [5.63]

Mounting rail

ø 42 [ø 1 1/4]
 ø 48 [ø 1 1/2]
 ø 60 [ø 2]

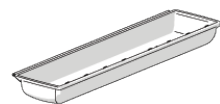
180.50 [1 1/4]
 187.50 [1 1/2]
 200.50 [2]

Technical drawing of a shaft with the following dimensions and tolerances:

- Overall length: 110 [4,33]
- Distance from left end to first step: 34 [1,39]
- Distance from left end to second step: 65,50 - 74,50 [2,58 - 2,93]
- Distance between steps: 8,50 [0,35]
- Distance from right end to second step: 8,50 [0,35]

125 [4.92]

Cover

**Art. No.**

276670

Art. No.

227512

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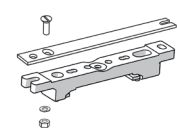
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STAHL

Adapter plate for mounting EXLUX 6002 on EXLUX 6000 mounting interfaces

Art. No.

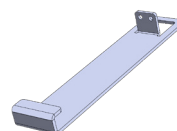


Adapter plate for installation of EXLUX 6002 luminaires onto EXLUX 6000 interfaces

240653

Fall protection

Art. No.



Accessories for mounting an arrester cable

295927

Holder for translucent cover

Art. No.

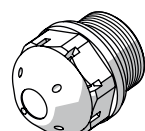


The fall prevention system for the light fitting cover prevents the light fitting cover from falling accidentally when the light fitting is opened.

226791

Breather

Art. No.

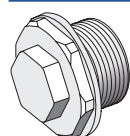


Thread: M25 x 1.5 (20 pieces); without jam nut

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

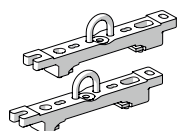
323702

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

296608

Mounting bracket

Art. No.

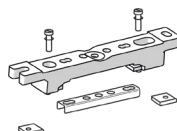


mounting clamp mounted on a mounting rail for a variable mounting distance; 1 pair

222456

Mounting rail

Art. No.

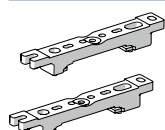


Mounting accessories for ceiling mounting of EXLUX luminaires with V4A metal insert for reinforcement

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

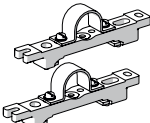
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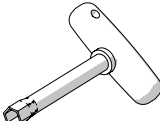
M8, direct mounting in insert nuts; 1 pair

115736

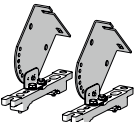
Pipe clamp

	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

	M8 / A/F 13; For actuating the central lock	222430
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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	222827
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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.