

Lighting

Linear luminaire With LED

GRP industrial design

L402/4324-6120-152-1110-11-865S Art. No. 289700

STAHL



- 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	220 ... 230 V
Rated operational voltage DC	194 ... 250 V
Frequency range	50 – 50Hz

Lighting Data

Number of lamps	1
Lamp wattage	22 W
Lamp	LED
Light colour	6500 K – daylight white
Light distribution	120°x120°
Luminaire efficacy	116 lm/W
Luminous flux	2550 lm
Colour rendering	≥ 80
Colour temperature	6500 K

Ambient Conditions

Ambient temperature °C	-30 °C ... 45 °C Note: Through wiring Max. 3x16 A -30 °C ... 50 °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

Linear luminaire With LED
GRP industrial design
L402/4324-6120-152-1110-11-865S Art. No. 289700

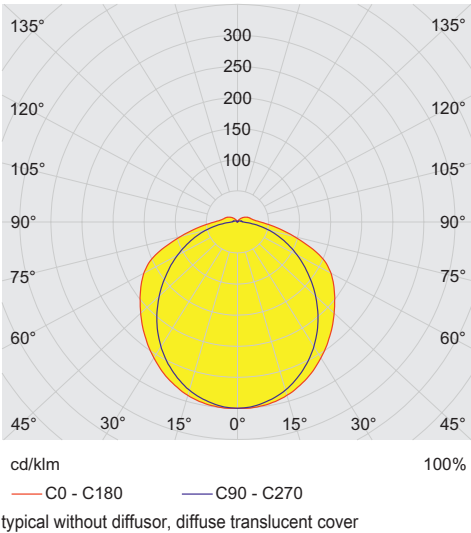
Mechanical Data

Enclosure color	Light grey (RAL 7035)
Diffuser	Without diffuser
Sealing material	Silicone
Silicone-free content	Contains silicone
Translucent cover material	Polycarbonate
Installed terminal strip	PE + N- + L+ + N' + L´
Max. solid connection terminals	6 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
Weight	3.3 kg
Weight	7.28 lb
Disconnection of the luminaire	No

Components

Threaded plate	2x plastic
Address module	UNI Modul ADR 20-ILS-Z2
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 ... 17 mm
Material cable gland	Polyamide, black
Stopping plugs	2 x M25 x 1.5
Stopping plug material	Polyamide, black
Accessories	Provided

Light Distribution Curves



Lighting

Linear luminaire With LED

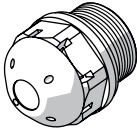
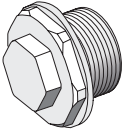
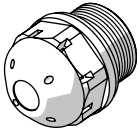
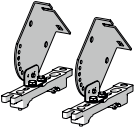
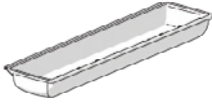
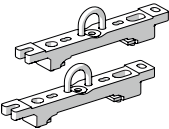
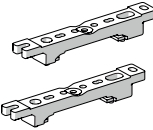
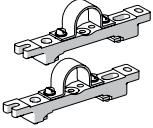
GRP industrial design

L402/4324-6120-152-1110-11-865S Art. No. 289700

STAHL

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

Accessories

Breather		Art. No.
	Thread: M25 x 1.5 (20 pieces); without jam nut	285780
	Thread: M25 x 1.5 (1 piece); for installation in light fittings; made from stainless steel; without jam nut	296608
	M25 x 1.5 in order to avoid condensate formation	115738
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 2 luminaires (diffuse), when used on an emergency luminaire with individual power supply, the visibility of the display LED may be restricted	276669
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

Lighting

Linear luminaire With LED

GRP industrial design

L402/4324-6120-152-1110-11-865S Art. No. 289700



Pole mounting sleeve

Art. No.

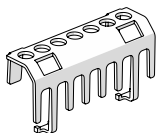


for the subsequent mounting on lights size 2 and size 4, completely with assembly parts (for pipe diameter 42 mm)

227512

Protection against accidental contact

Art. No.



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.

283153

Ring bolt

Art. No.

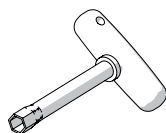


M8, direct mounting in insert nuts; 1 pair

115736

Socket wrench

Art. No.



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

222430

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.