Lighting
Linear luminaire With LED
GRP industrial design
L402/4348-6120-152-1110-11-8400   Art. No. 276557

- 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	42 W
Lamp	LED
Light colour	4000 K – warm neutral white
Light distribution	120°x120° with diffusing glass
Luminaire efficacy	138 lm/W
Luminous flux	5810 lm
Colour rendering	≥ 80
Colour temperature	4000 K
Ambient Conditions	
Ambient temperature	-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

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### 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- + L+ + N´ + L´
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
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
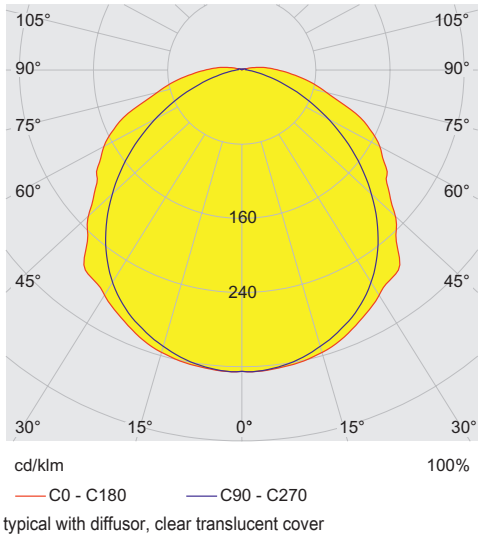
cd/klm   100%

— C0 - C180   — C90 - C270

typical with diffusor, clear translucent cover
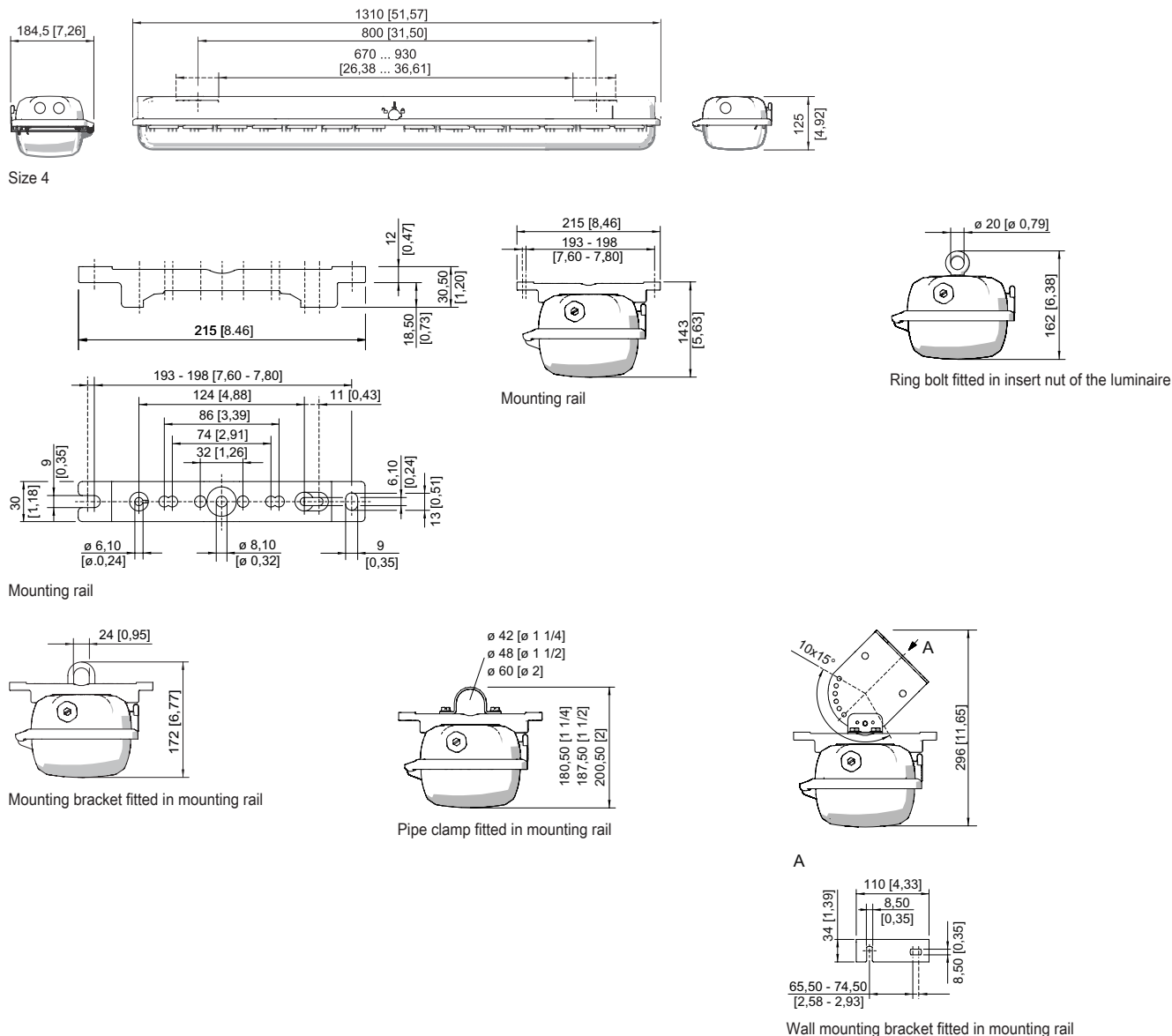
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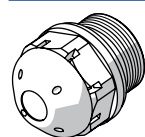**Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations**

184,5 [7,26]

1310 [51,57]
800 [31,50]
670 ... 930
[26,38 ... 36,61]

125 [4,92]

Size 4

12 [0,47]
30,50 [1,20]
18,50 [0,73]
215 [8.46]

215 [8,46]
193 - 198 [7,60 - 7,80]
143 [5,63]

Mounting rail

ø 20 [ø 0,79]
162 [6,38]

Ring bolt fitted in insert nut of the luminaire

193 - 198 [7,60 - 7,80]
124 [4,88]
11 [0,43]
86 [3,39]
74 [2,91]
32 [1,26]
9 [0,35]
6,10 [0,24]
30 [1,18]
13 [0,51]
ø 6,10 [ø.0,24]
ø 8,10 [ø 0,32]
9 [0,35]

Mounting rail

24 [0,95]
172 [6,77]

Mounting bracket fitted in 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]

Pipe clamp fitted in mounting rail

10x15°
A
296 [11,65]

A

110 [4,33]
8,50 [0,35]
34 [1,39]
8,50 [0,35]
65,50 - 74,50 [2,58 - 2,93]

Wall mounting bracket fitted in mounting rail

Accessories
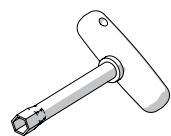
Box spanner		Art. No.
	M8 / A/F 13; For actuating the central lock	222430

Breather		Art. No.
	Thread: M25 x 1.5 (20 pieces); without jam nut	285780
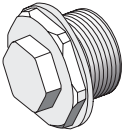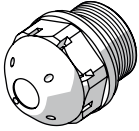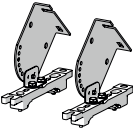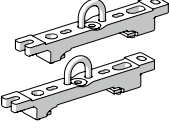
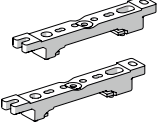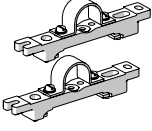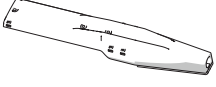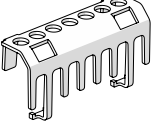2025-05-08
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| | Thread: M25 x 1.5 (1 piece); for installation in light fittings; made from stainless steel; without jam nut | 296608 |
| | M25 x 1.5 in order to avoid condensate formation | 115738 |

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 |

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 |

Protection against accidental contact — Art. No.
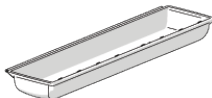| | The protection against accidental contact prevents maintenance technicians and electrical installers from accidentally touching conductive parts. The degree of protection is increased to IP20 when the protection against accidental contact is used. | 283153 |

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

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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