



- State-of-the-art LED technology with high luminous efficacy and long service life
- Extremely high luminaire efficacy
- Luminous flux after 100,000 h still 90% of the starting luminous flux
- Optionally with DALI for controlling and monitoring the luminaire
- Optionally with address modules for directly actuation of a common battery system

MY R. STAHL 6402C



The linear luminaire with Series 6402/4 LED is ideal for lighting surfaces at a mounting height of up to 10 m. It can also be used to illuminate equipment and objects, both inside and outside. The pole mounting sleeve accessory can be used to easily mount the luminaire on poles. Optionally, the luminaire can be equipped with an address module. It can be used to control and monitor the luminaire for the common battery systems.

Technical Data

Explosion Protection

Ex version	Yes
Application range (zones)	2, 21, 22
IECEX gas certificate	IECEX IBE 14.0080
IECEX gas explosion protection	Ex ec IIC T4 Gc
IECEX dust certificate	IECEX IBE 14.0080
IECEX dust explosion protection	Ex tb op is / tc IIIC T100 °C Db
ATEX gas certificate	IBExU 14 ATEX 1292
ATEX gas explosion protection	Ex II 3 G Ex ec IIC T4 Gc
ATEX dust certificate	IBExU 14 ATEX 1292
ATEX dust explosion protection	Ex II 2 D Ex tb op is / tc IIIC T100 °C Db
Certificates and approvals	ATEX IECEX UKEX
Certificates	ATEX (IBE), IECEX (IBE)
Declaration of conformity	ATEX (EUK), Declaration of Conformity (AUS)

Electrical Data

Rated operational voltage AC	100 ... 240 V
Rated operational voltage DC	110 ... 250 V
Frequency range	50 – 60Hz

Lighting Data

Number of lamps	1
Lamp wattage	42 W
Lamp	LED
Light colour	5000 K – neutral white
Light distribution	120°x120° with diffusing glass
Luminaire efficacy	138 lm/W

Lighting Data

Luminous flux	5810 lm
Colour rendering	≥ 80
Colour temperature	5000 K

Ambient Conditions

Ambient temperature	-40 °C ... 55 °C (T100 °C) Note: Through wiring Max. 3x16 A -40 °C ... 60 °C (T100 °C) Note: Through wiring 2 Max. 3x10 A
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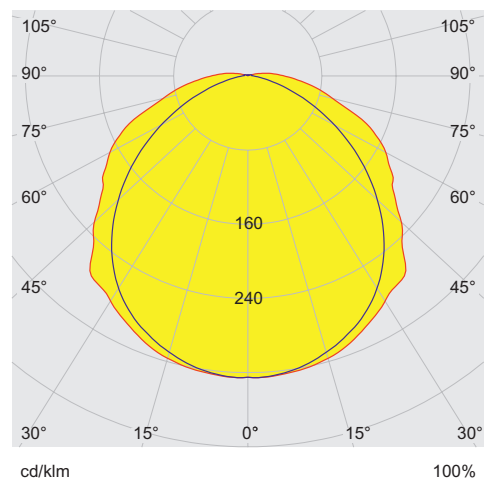
Mechanical Data

Version	Special version
IP degree of protection (IEC 60598)	IP66/IP67
Enclosure material	Polyester resin, Glass fibre reinforced
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 + L1 + L2 + L3
Max. solid connection terminals	6 mm ²
Max. finely stranded connection terminals	4 mm ²
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
Ballast	VG Luxtronic 40 W 300 mA
Through wiring	With 5 conductors 2.5 mm ²
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

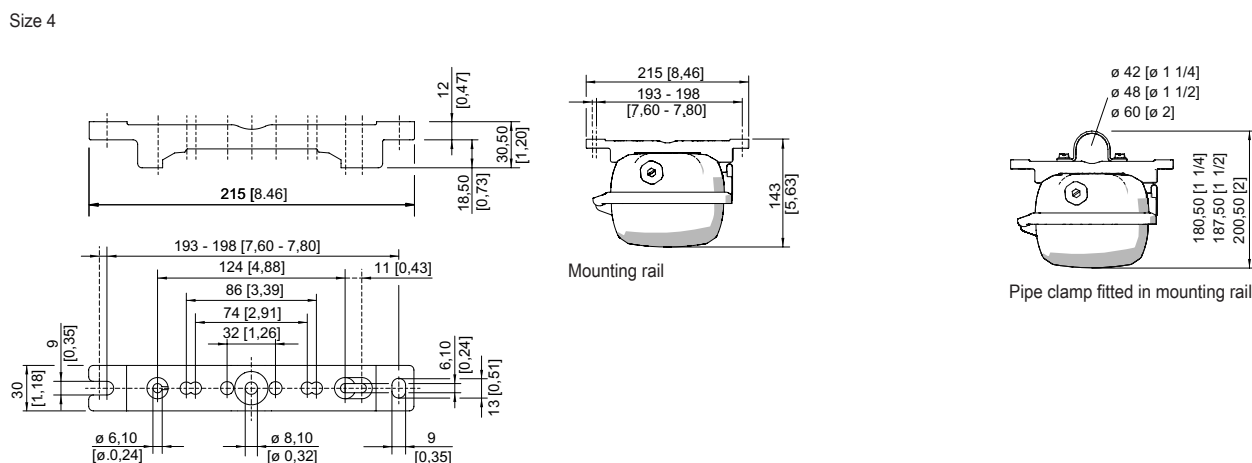
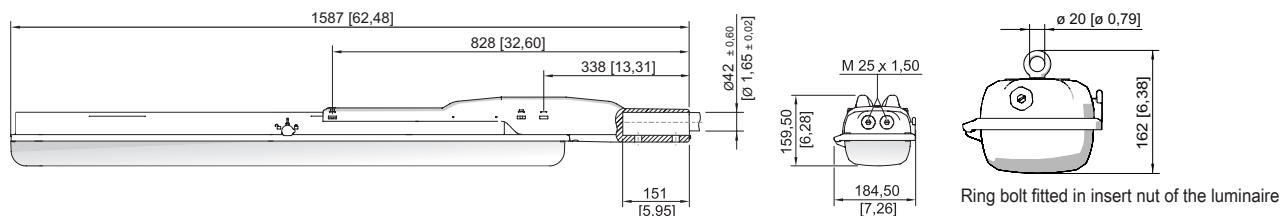
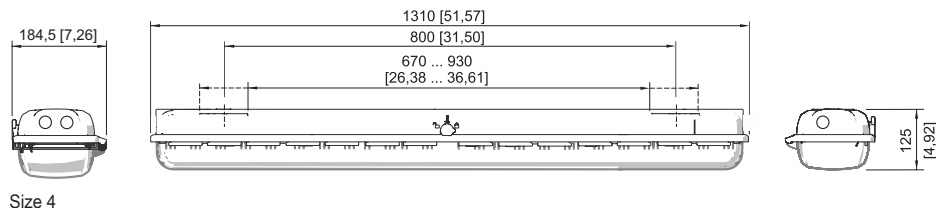
Light Distribution Curves



— C0 - C180 — C90 - C270

typical with diffusor, clear translucent cover

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



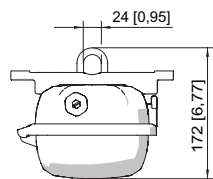
Mounting rail

Lighting

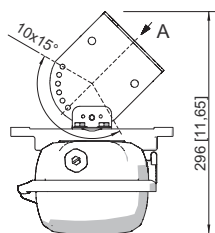
Linear luminaire With LED

GRP

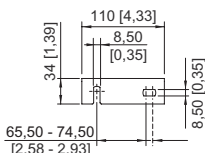
6402/4148-6100-152-1110-11-8500-C2230 Art. No. 267038



Mounting bracket fitted in mounting rail



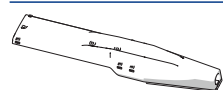
A



Wall mounting bracket fitted in mounting rail

Accessories

Pole mounting sleeve

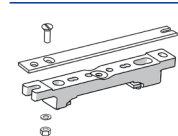


for the subsequent mounting on lights size 2 and size 4, completely with assembly parts (for pipe diameter 42 mm)

Art. No.

227512

Adapter plate for mounting EXLUX 6002 on EXLUX 6000 mounting interfaces

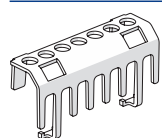


Adapter plate for installation of EXLUX 6002 luminaires onto EXLUX 6000 interfaces

Art. No.

240653

Protection against accidental contact

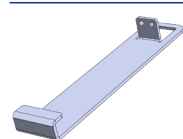


The protection against accidental contact prevents maintenance technicians and electrical installers from accidentally touching conductive parts. The degree of protection is increased to IP20 when the protection against accidental contact is used.

Art. No.

283153

Fall protection



Accessories for mounting an arrester cable

Art. No.

295927

Holder for translucent cover

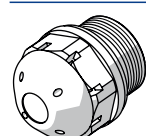


The fall prevention system for the light fitting cover prevents the light fitting cover from falling accidentally when the light fitting is opened.

Art. No.

226791

Breather



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

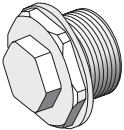
Art. No.

285780

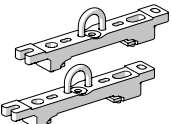
M25 x 1.5 in order to avoid condensate formation

115738

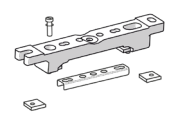
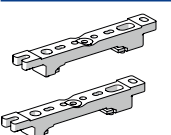
Breather

	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

	mounting clamp mounted on a mounting rail for a variable mounting distance; 1 pair	222456
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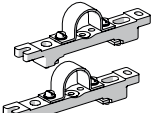
Mounting rail

	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

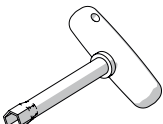
Ring bolt

	M8, direct mounting in insert nuts; 1 pair	115736
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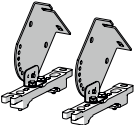
Pipe clamp

	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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Lighting

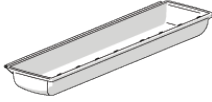
Linear luminaire With LED

GRP

6402/4148-6100-152-1110-11-8500-C2230 Art. No. 267038

STAHL

Spare Parts

Cover		Art. No.
	for luminaire size 4	222428
Reflector Plate		Art. No.
	Spare part for 6402 or upgrade 6401 size 4, colour temperature 5000 K	270817

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