



- State-of-the-art LED technology with high luminous efficacy and long service life
- Extremely high luminaire efficacy
- Can be adjusted from a 1.5 to a 3.0 h rated operating time
- Luminous flux after 100,000 h still 90% of the starting luminous flux
- Optionally with DALI for controlling and monitoring the light fitting
- Automatic weekly functional test and annual rated operating time test

MY R. STAHL 6009D



The emergency luminaire with Series 6009/4 LED with integrated battery can be installed in stand-by switching, continuous mode or in switchable stand-by switching. A weekly functional test and annual rated operating time test are performed automatically. The results are indicated by an LED.

Technical Data

Explosion Protection

Ex version	Yes
Application range (zones)	1, 2, 21, 22
IECEEx gas certificate	IECEEx IBE 16.0038
IECEEx gas explosion protection	Ex db eb ib op is IIC T4 Gb
IECEEx dust certificate	IECEEx IBE 16.0038
IECEEx dust explosion protection	Ex tb op is IIIC T100 °C Db
ATEX gas certificate	IBExU 16 ATEX 1199
ATEX gas explosion protection	II 2 G Ex db eb ib op is IIC T4 Gb
ATEX dust certificate	IBExU 16 ATEX 1199
ATEX dust explosion protection	II 2 D Ex tb op is IIIC T100 °C Db
Certificates and approvals	ATEX IECEEx
Certificates	ATEX (IBE), IECEEx (IBE), Polen (CNBOP)
Declaration of conformity	ATEX (EUK)

Electrical Data

AC rated operational voltage	100 ... 240 V
Frequency	50 ... 60 Hz
Battery version	NiCd battery, gas-tight
Battery operating voltage	6 V
Battery capacity	7 Ah
Self-test function	With (standard)
Control gear service life	C10 ≥ 100 h, Ta ≤ 45 °C C10 ≥ 50 h, Ta ≤ 60 °C
LED service life	L90B50 ≥ 100 h

Lighting Data

Number of lamps	1
Lamp wattage	37 W
Lamp	LED

Lighting

Emergency luminaire With LED

GRP

6009/4148-2103-162-2220-22-850011 Art. No. 267875

STAHL

Lighting Data

Light colour	5000 K – neutral white
Light distribution	120°x120° with diffusing glass
Luminaire efficacy	158 lm/W
Luminous flux	5770 lm
Operating time	1.5 / 3h emergency lighting operation
Emergency light output	20% – 3 h 35% – 1.5 h
Colour rendering	≥ 80
Colour temperature	5000 K

Ambient Conditions

Ambient temperature	-30 °C ... 50 °C (Through wiring max. 3x16 A) -30 °C ... 55 °C (Through wiring max. 3x10 A)
Ambient temperature	-22 °F ... 122 °F (Through wiring max. 3x16 A) -22 °F ... 131 °F (Through wiring max. 3x10 A)

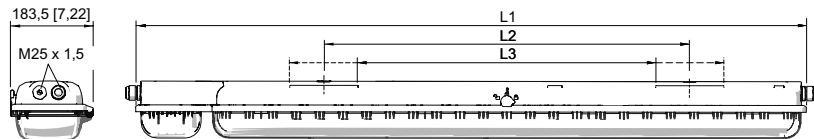
Mechanical Data

Version	Standard
IP degree of protection (IEC 60598)	IP66/IP67
Enclosure material	Polyester resin, Glass fibre reinforced
Enclosure colour	Light grey (RAL 7035)
Insert nut material	Brass
Diffuser	With diffuser
Sealing material	Silicone
Silicone-free content	Contains silicone
Translucent cover material	Polycarbonate
Installed terminal strip	PE + N + L1 + L2 + L3 + L´
Max. solid connection terminals	6 mm²
Max. finely stranded connection terminals	4 mm²
Type of connection cable	Finely stranded Solid
Size	4
Width	183.5 mm
Height	125 mm
Length	1467 mm
Impact strength (IEC 62262)	IK10
Disconnection of the luminaire	All-pole disconnection
Weight	9.2 kg
Weight	20.28 lb

Components

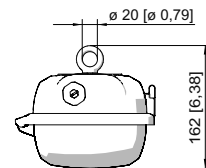
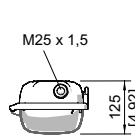
Threaded plate	2x SS430 stainless steel
Ballast	6046/311-131-010 7 Ah
Through wiring	With 6 conductors 2.5 mm²
Drilled holes	3 x M20
Cable glands and entries	can be ordered as an accessory
Stopping plugs	Can be ordered as accessories
Accessories	without

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

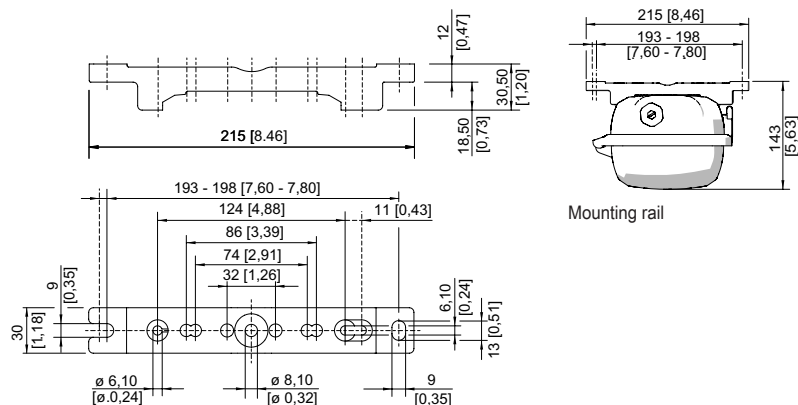


Size 2:
L1 = 857 mm [33.74]
L2 = 400 mm [15.75]
L3 = 320 ... 480 mm [12.60 ... 18.90]

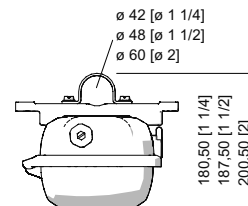
Size 4:
L1 = 1467 mm [57.76]
L2 = 800 mm [31.50]
L3 = 670 ... 930 mm [26.38 ... 36.61]



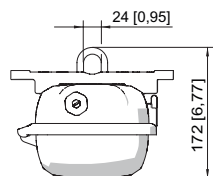
Ring bolt fitted in insert nut of the luminaire



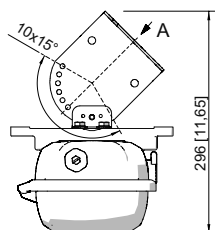
Mounting rail



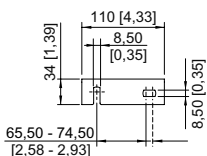
Pipe clamp fitted in mounting rail



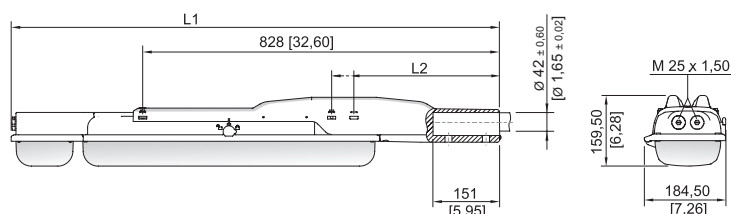
Mounting bracket fitted in mounting rail



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Wall mounting bracket fitted in mounting rail



With pole mounting sleeve

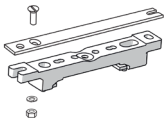
Size 2:
L1 = 1133 mm [44.61]
L2 = 390 mm [15.35]

Size 4:
L1 = 1742 mm [68.58]
L2 = 338 mm [13.31]

Accessories

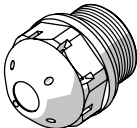
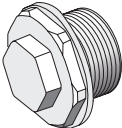
Adapter plate for mounting EXLUX 6002 on EXLUX 6000 mounting interfaces

Art. No.

	Adapter plate for installation of EXLUX 6002 luminaires onto EXLUX 6000 interfaces	240653
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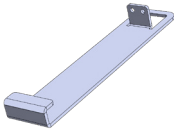
Breather

Art. No.

	Thread: M25 x 1.5 (20 pieces); without jam nut	285780
	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

Fall protection

Art. No.

	Accessories for mounting an arrester cable	295927
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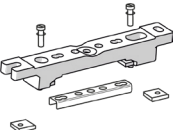
Holder for translucent cover

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
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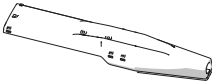
Mounting rail

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

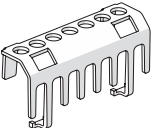
Pole mounting sleeve

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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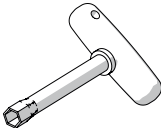
Protection against accidental contact

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
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Box spanner

Art. No.

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

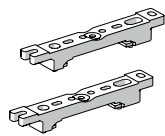
Emergency luminaire With LED

GRP

6009/4148-2103-162-2220-22-850011 Art. No. 267875

STAHL

Mounting rail

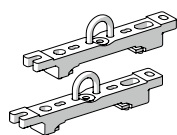


for a variable mounting distance; 1 pair

Art. No.

222826

Mounting bracket

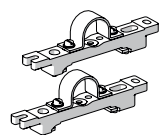


mounting clamp mounted on a mounting rail for a variable mounting distance; 1 pair

Art. No.

222456

Pipe clamp



R 1 1/2"; with mounting rail for a variable mounting distance; material: stainless steel; 1 pair

R 1 1/4"; with mounting rail for a variable mounting distance; Material: stainless steel; 1 pair

R 2"; with mounting rail for a variable mounting distance; Material: stainless steel; 1 pair

Art. No.

222459

222458

222460

Ring bolt

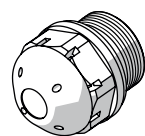


M8, direct mounting in insert nuts; 1 pair

Art. No.

115736

Breather

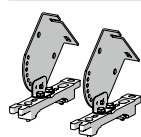


M25 x 1.5 in order to avoid condensate formation

Art. No.

115738

Ceiling and wall mounting bracket



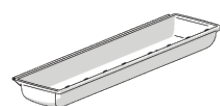
mounted on a mounting rail for a variable mounting distance; Material: stainless steel; Lamp can be swiveled in steps of 15°; 1 pair

Art. No.

222827

Spare Parts

Cover



for luminaire size 4

Art. No.

222428

Reflector Plate



Spare part for 6009 size 4, colour temperature 5000 K

Art. No.

270815

Lighting

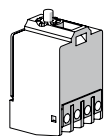
Emergency luminaire With LED

GRP

6009/4148-2103-162-2220-22-850011 Art. No. 267875

STAHL

Contact element

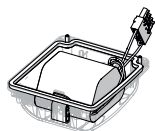


8080/1-3-L 2 NC contact element

Art. No.

132527

Battery set



Battery cover with built-in battery. Gas-tight NiCd battery; 7 Ah / 6 V

Art. No.

223532

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.