



- 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
IECEX gas certificate	IECEX IBE 16.0038
IECEX gas explosion protection	Ex db eb ib op is IIC T4 Gb
IECEX dust certificate	IECEX IBE 16.0038
IECEX 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 IECEX
Certificates	ATEX (IBE), IECEX (IBE), India (PESO)
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

6009/4148-2103-162-1110-11-840011 Art. No. 282811



Lighting Data

Light colour	4000 K – warm neutral white
Light distribution	120°x120° with diffusing glass
Luminaire efficacy	152 lm/W
Luminous flux	5600 lm
Operating time	1.5 / 3h emergency lighting operation
Emergency light output	20% – 3 h 35% – 1.5 h
Colour rendering	≥ 80
Colour temperature	4000 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 mm ²
Max. finely stranded connection terminals	4 mm ²
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

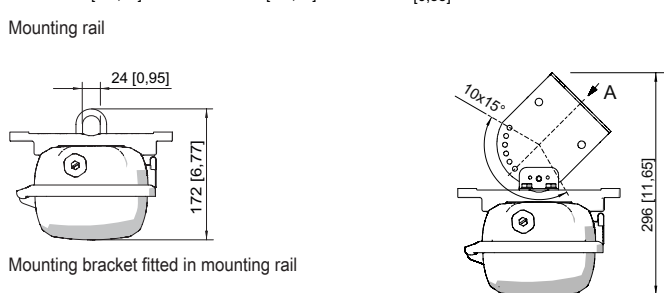
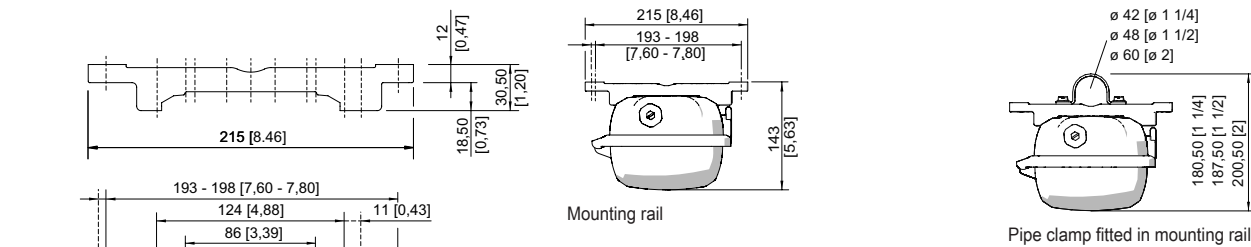
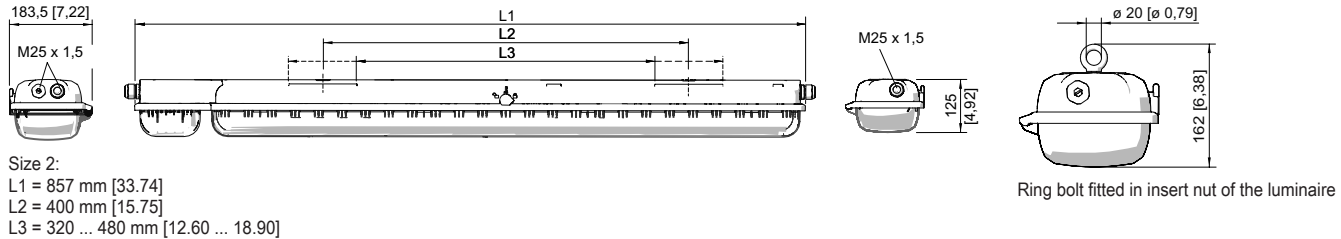
Components

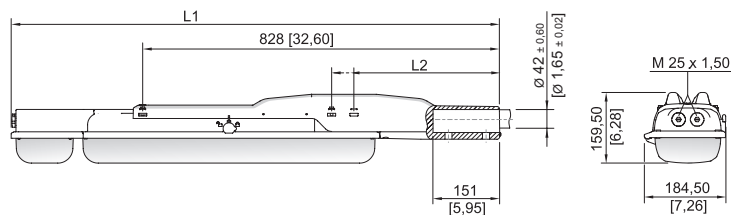
Threaded plate	2x plastic
Ballast	6046/311-131-010 7 Ah
Through wiring	With 6 conductors 2.5 mm ²
Drilled holes	3 x M25
Cable glands and entries	2 x M25 Ø 7 ... 17 mm
Material cable gland	Polyamide, black
Stopping plugs	2 x M25 x 1.5

Components

Stopping plug material	Polyamide, black
Accessories	Provided

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





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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Lighting

Emergency luminaire With LED

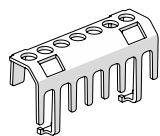
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6009/4148-2103-162-1110-11-840011 Art. No. 282811

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Protection against accidental contact

Art. No.

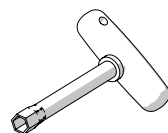


The protection against accidental contact prevents maintenance technicians and electrical installers from accidentally touching conductive parts. The degree of protection is increased to IP20 when the protection against accidental contact is used.

283153

Box spanner

Art. No.

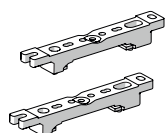


M8 / A/F 13;
For actuating the central lock

222430

Mounting rail

Art. No.

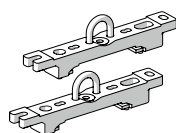


for a variable mounting distance; 1 pair

222826

Mounting bracket

Art. No.

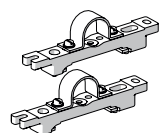


mounting clamp mounted on a mounting rail for a variable mounting distance; 1 pair

222456

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

Ring bolt

Art. No.

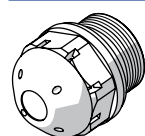


M8, direct mounting in insert nuts; 1 pair

115736

Breather

Art. No.

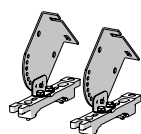


M25 x 1.5 in order to avoid condensate formation

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

Lighting

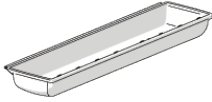
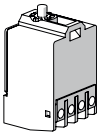
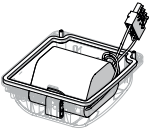
Emergency luminaire With LED

GRP

6009/4148-2103-162-1110-11-840011 Art. No. 282811



Spare Parts

		Art. No.
Cover		
	for luminaire size 4	222428
Contact element		
	8080/1-3-L 2 NC contact element	132527
Battery set		
	Battery cover with built-in battery. Gas-tight NiCd battery; 7 Ah / 6 V	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.