



- 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	Ex II 2 G Ex db eb ib op is IIC T4 Gb
ATEX dust certificate	IBExU 16 ATEX 1199
ATEX dust explosion protection	Ex 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	21 W
Lamp	LED

Lighting

Emergency luminaire With LED

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6009/4128-2103-162-2220-22-850011 Art. No. 267868

STAHL

Lighting Data

Light colour	5000 K – neutral white
Light distribution	120°x120° with diffusing glass
Luminaire efficacy	141 lm/W
Luminous flux	2890 lm
Operating time	1.5 / 3h emergency lighting operation
Emergency light output	35% – 3 h 65% – 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)

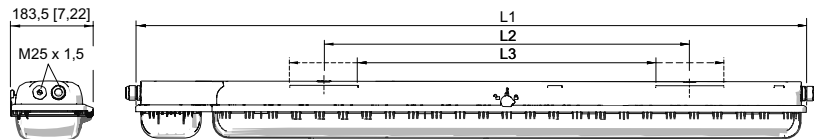
Mechanical Data

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	2
Width	183.5 mm
Height	125 mm
Length	857 mm
Impact strength (IEC 62262)	IK10
Disconnection of the luminaire	All-pole disconnection
Weight	6.7 kg
Weight	14.77 lb

Components

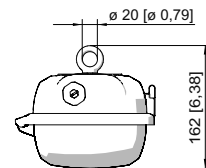
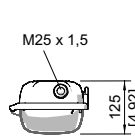
Threaded plate	2x SS430 stainless steel
Ballast	6046/311-131-010 7 Ah
Through wiring	With 6 conductors 2.5 mm²
Drilled holes	3 x M20
Cable glands and entries	can be ordered as an accessory
Stopping plugs	Can be ordered as accessories
Accessories	without

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

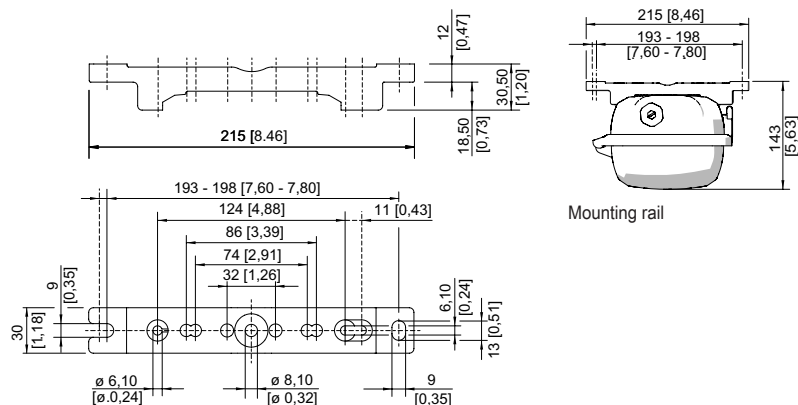


Size 2:
 L1 = 857 mm [33.74]
 L2 = 400 mm [15.75]
 L3 = 320 ... 480 mm [12.60 ... 18.90]

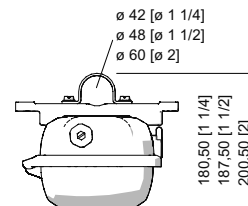
Size 4:
 L1 = 1467 mm [57.76]
 L2 = 800 mm [31.50]
 L3 = 670 ... 930 mm [26.38 ... 36.61]



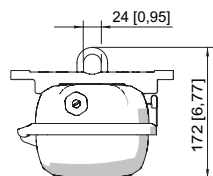
Ring bolt fitted in insert nut of the luminaire



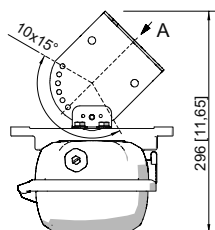
Mounting rail



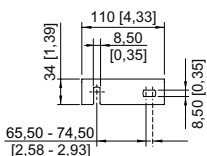
Pipe clamp fitted in mounting rail



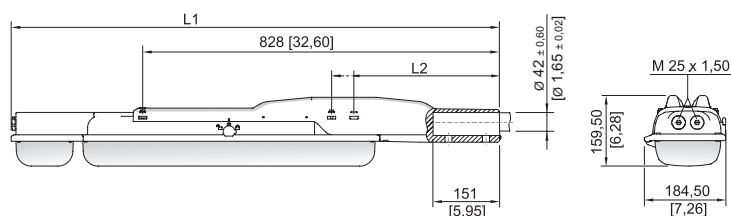
Mounting bracket fitted in mounting rail



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Wall mounting bracket fitted in mounting rail

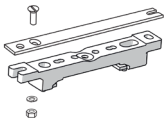
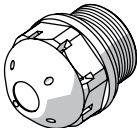
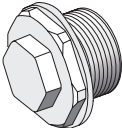
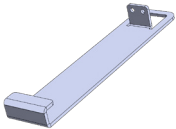
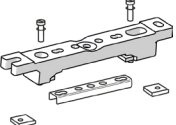
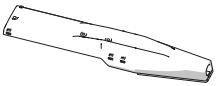
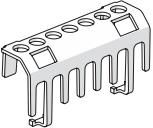
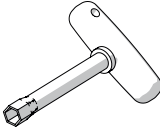


With pole mounting sleeve

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
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
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 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
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

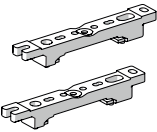
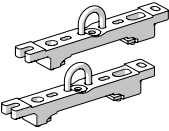
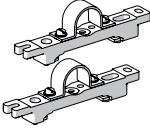
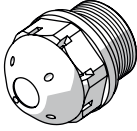
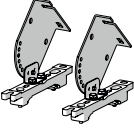
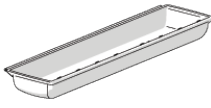
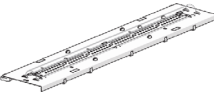
Lighting

Emergency luminaire With LED

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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
Spare Parts		
Cover		Art. No.
	for luminaire size 2	222427
Reflector Plate		Art. No.
	Spare part for 6009 size 2, colour temperature 5000 K	270814

Lighting

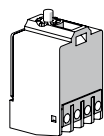
Emergency luminaire With LED

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Contact element

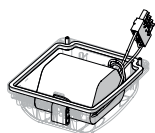


8080/1-3-L 2 NC contact element

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.