Emergency luminaire With LED GRP



6409/4128-5101-162-1110-11-850011 Art. No. 271816



- The latest LED technology with a high luminous efficacy and a 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 luminaire
- Automatic weekly function test and annual rated operating time test

MY R. STAHL 6409C



The emergency luminaire with Series 6409/4 LED with integrated battery can be installed in standby 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)	2, 21, 22
IECEX gas certificate	IECEx IBE 16.0047
IECEx gas explosion protection	Ex db ec IIC T4 Gc
IECEx dust certificate	IECEx IBE 16.0047
IECEx dust explosion protection	Ex tb op is / tc IIIC T100 °C Db
ATEX gas certificate	IBExU 16 ATEX 1233
ATEX gas explosion protection	
ATEX dust certificate	IBExU 16 ATEX 1233
ATEX dust explosion protection	
Certificates and approvals	ATEX IECEx UKEX
Certificates	ATEX (IBE), IECEx (IBE), India (PESO)
Declaration of conformity	ATEX (EUK), Declaration of Conformity (AUS)
Electrical Data	
Rated operational voltage AC	110 240 V
Battery version	NiCd battery, gas-tight
Battery operating voltage	6 V
Battery capacity	7 Ah
Self-test function	With (standard)
Frequency range	50 – 60 Hz
Lighting Data	
Number of lamps	1
Lamp wattage	25 W
Lamp	LED
Light colour	5000 K – neutral white
Light distribution	120°x120° with diffusing glass

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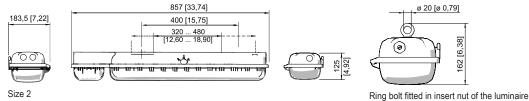
Version Standard Pedgree of protection (IEC 60598) IP66/IP67 Enclosure material Polyester resin, Glass fibre reinforced Enclosure colour Light grey (RAL 7035) Diffuser Staling material Silicone Silicone-free content Contains silicone Translucent cover material Polycarbonate Installed terminal strip PE + N + L1 + L2 + L3 + L' Max. solid connection terminals 4 mm² Type of connection cable Finely stranded Solid Size 2 Width 183.5 mm Height 125 mm	Lighting Data	
Luminous flux 2910 Im Operating time 1.5h emergency lighting operation Emergency light output 65% - 1.5 h Colour rendering ≥ 80 Colour temperature 5000 K Ambient Conditions Ambient Emperature -30 °C +50 °C Note: Through wiring Max. 3x16 A -30 °C +55 °C Note: Through wiring 2 Max. 3x10 A Mechanical Data Version Standard IP degree of protection (IEC 60598) IP68/IP67 Enclosure material Polyester resin. Glass fibre reinforced Enclosure material Polyester resin. Glass fibre reinforced Enclosure material Polyester resin. Glass fibre reinforced Enclosure colour Light grey (RAL 7035) Diffuser With diffuser Sealing material Silicone Silicone- resoluted Contains silicone Translucent cover material Polyearbonate Installed terminal strip PE + N + L1 + L2 + L3 + L' Max. solid connection terminals 4 mm² Type of connection terminals 4 mm² Size 2 Width 183.5 mm		116 lm/W
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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 Cable entry material Polyamide, black	Ballast	LED NLE 80W 110-240V/7Ah/1.5h/
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Material cable gland Polyamide, black Stopping plugs 2 x M25 x 1.5 Stopping plug material Polyamide, black Cable entry material Polyamide, black	Drilled holes	3 x M25
Stopping plugs 2 x M25 x 1.5 Stopping plug material Polyamide, black Cable entry material Polyamide, black	Cable glands and entries	2 x M25 Ø 7 17 mm
Stopping plug material Polyamide, black Cable entry material Polyamide, black	Material cable gland	Polyamide, black
Cable entry material Polyamide, black	Stopping plugs	2 x M25 x 1.5
	Stopping plug material	Polyamide, black
Accessories Provided	Cable entry material	Polyamide, black
	Accessories	Provided

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



215 [8.46]

215 [8.46]

215 [8.46]

215 [8.46]

215 [8.46]

215 [8.46]

215 [8.46]

215 [8.46]

215 [8.46]

32 [7.60 - 7.80]

124 [4.88]

11 [0.43]

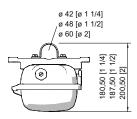
86 [3.39]

74 [2.91]

32 [1.26]

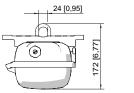
9 [0.32]

9 [0.35]

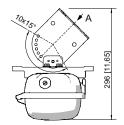


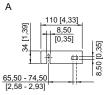
Pipe clamp fitted in mounting rail

Mounting rail

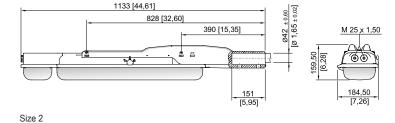


Mounting bracket fitted in mounting rail





Wall mounting bracket fitted in mounting rail



Accessories

Breather		Art. No.
	Thread: M25 x 1.5 (20 pieces); without jam nut	285780

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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
Holder for transluce	ent 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
Pole mounting slee	ve	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 a	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.
60 30 00 00 00 00 00 00 00 00 00 00 00 00	for a variable mounting distance; 1 pair	222826
Mounting bracket		Art. No.
A STATE OF THE PARTY OF THE PAR	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

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Ring bolt		Art. No.
	M8, direct mounting in insert nuts; 1 pair	115736
Ceiling and wall mo	unting 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
Contact element		Art. No.
	8080/1-3-L 2 NC contact element	132527
Battery set		Art. No.
	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.