



- State-of-the-art LED technology with high luminous efficacy and long service life
- Extremely high luminaire efficacy
- Choice between a 1.5 h or 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
- Weekly function test and annual rated operating time test

WebCode 6409C



The emergency luminaire with Series 6409/4 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)	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	⊕ II 3 G Ex db ec IIC T4 Gc
ATEX dust certificate	IBExU 16 ATEX 1233
ATEX dust explosion protection	⊕ II 2 D Ex tb op is ... tc IIIC T100 °C Db
Certificates	ATEX (IBE), IECEX (IBE), India (PESO), Japan (CML)

Electrical Data

Rated operational voltage AC	110 – 240 V
Rated operational voltage max. AC	240 V
Rated operational voltage min. AC	110 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	45 W
Lamp	LED
Light colour	Neutral white
Light distribution	120°x120° with diffusing glass

Lighting

Emergency luminaire With LED

GRP

6409/4148-5103-162-LLL2-22-850011 Art. No. 272240



Lighting Data

Luminaire efficacy	129 lm/W
Luminous flux	5810 lm
Operating time	1.5 h emergency lighting operation
Emergency light output	35% ... 1.5 h
Colour rendering	≥ 80
Colour temperature	5000 K

Ambient Conditions

Ambient temperature	-30 °C ... +50 °C Note: Through wiring max. 3x16 A -30 °C ... +55 °C Note: Through wiring 2 max. 3x10 A
---------------------	--

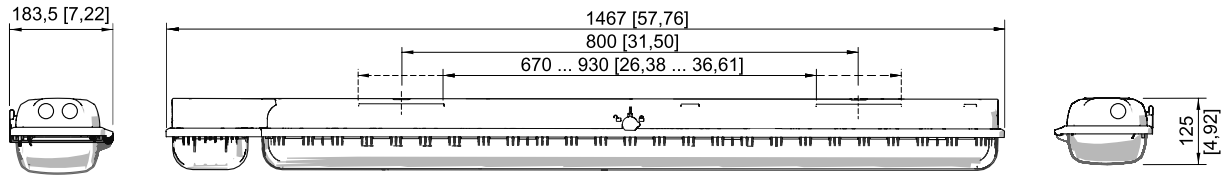
Mechanical Data

Version	Standard
Degree of protection IP (IEC 60598)	IP66/IP67
Enclosure material	Polyester resin, Glass fibre reinforced
Diffuser	With diffuser
Sealing material	Silicone
Silicon free	Contains silicone
Material translucent cover	Polycarbonate
Installed terminal strip	PE + N + L1 + L2 + L3 + L'
Connection terminals solid max.	6 mm ²
Connection terminals finely-stranded max.	4 mm ²
Type of connection cable	Finely stranded Solid
Design size	4
Width	183.5 mm
Height	125 mm
Length	1467 mm
Impact strength (IEC 62262)	IK10
Enclosure colour	Light grey (RAL 7035)
Weight	8.1 kg
Weight	17.86 lb
Disconnection of the luminaire	All-pole disconnection

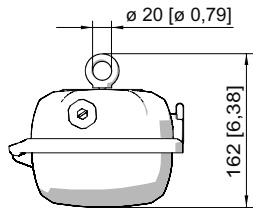
Components

Threaded plate	2x SS430 stainless steel
Ballast	LED NLE 80 W 110-240 V/7 Ah/1.5 h/
Through wiring	With 6 conductors 2.5 mm ²
Drilled holes	4 x M20
Cable entries	Can be ordered as accessories
Stopping plug	3 x M20 x 1.5
Stopping plug material	Polyamide, black
Accessories	Installed

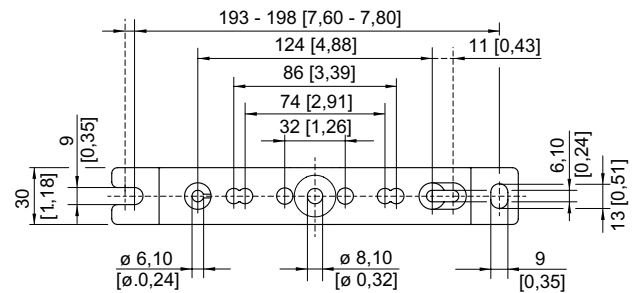
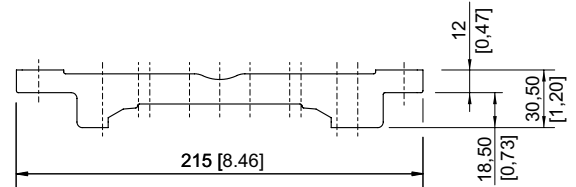
Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



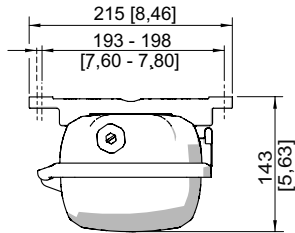
Size 4



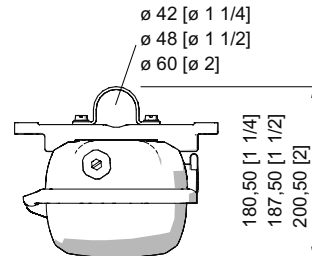
Ring bolt fitted in insert nut of the luminaire



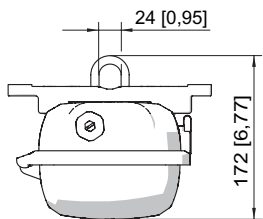
Mounting rail



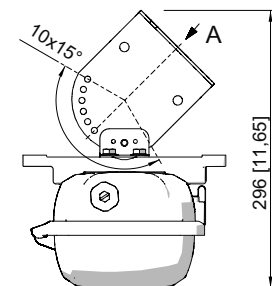
Mounting rail



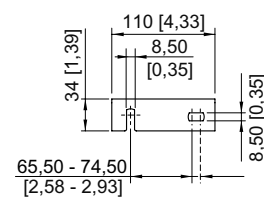
Pipe clamp fitted in mounting rail



Mounting bracket fitted in mounting rail



A



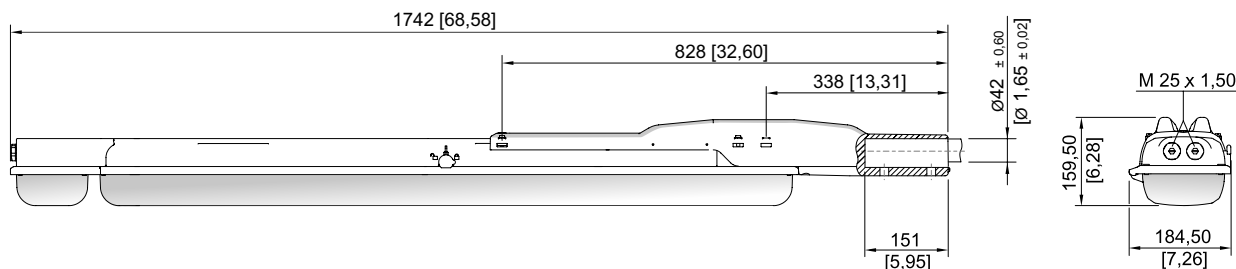
Wall mounting bracket fitted in mounting rail

Lighting

Emergency luminaire With LED

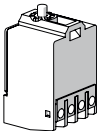
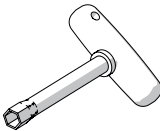
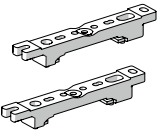
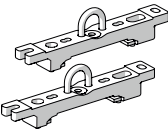
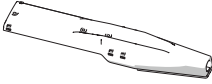
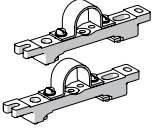

GRP

6409/4148-5103-162-LLL2-22-850011 Art. No. 272240



Size 4

Accessories and Spare Parts

Contact element		Art. No.
	8080/1-3-L 2 NC contact element	132527
Socket key		Art. No.
	M8 / wrench size 13; to open/close the central locking	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
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
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

Lighting

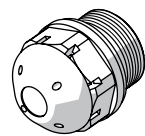
Emergency luminaire With LED

GRP

6409/4148-5103-162-LLL2-22-850011 Art. No. 272240



Breather



Thread: M25 x 1.5; 1 pc; for installation in lights; in moulded material; without counter nut

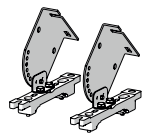
Art. No.

138573

Thread: M25 x 1.5; 20 pc; for installation in lights; in moulded material; without counter nut

138576

Ceiling and wall mounting bracket

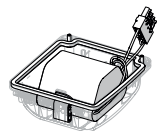


mounted on a mounting rail for a variable mounting distance; Material: stainless steel; Lamp can be swiveled in steps of 15°; 1 pair

Art. No.

222827

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.