



- 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
- Weekly functional test and annual rated operating time test

WebCode 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 mb 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 mb 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
EAC certificate	EAEU RU S-DE.HA91.B.00018/19
EAC dust explosion protection	Ex tb IIIC T100°C Db X
Certificates	ATEX (IBE), Brazil (ULB), China (CQST), EAC (ENDCE), IECEEx (IBE), Japan (CML)
Ship approval	DNVGL

Electrical Data

Rated operational voltage AC	100 – 240 V
Rated operational voltage max. AC	240 V
Rated operational voltage min. AC	100 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
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Lighting

Emergency luminaire with LED

GRP

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STAHL

Lighting Data

Lamp wattage	45 W
Lamp	LED
Light colour	neutral white
Light distribution	120°x120° with diffusion disc
Luminaire efficacy	129 lm/W
Luminous flux	5810 lm
Operating time	1,5 / 3h emergency light
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 Note: Through wiring max. 3x16 A -30 °C ... +55 °C Note: Through wiring 2 max. 3x10 A
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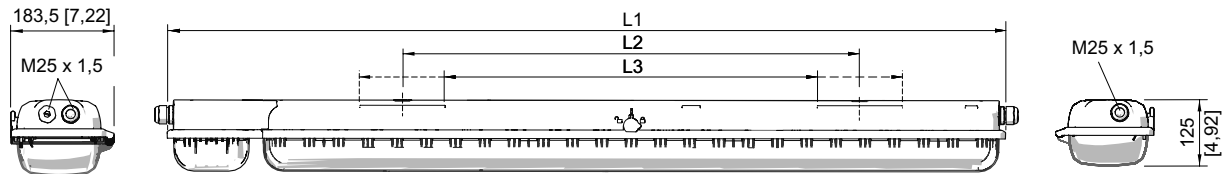
Mechanical Data

Version	Standard
Degree of protection IP (IEC 60598)	IP66/IP67
Enclosure material	Polyester resin, glass fibre-reinforced
Diffuser	with Diffusor
Sealing material	Silicone
Silicon free	2
Material translucent cover	Polycarbonate
Installed terminal strip	PE + N + L1 + L2 + L3 + L´
Connection terminals solid max.	6 mm²
Connection terminals finely-stranded max.	4 mm²
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	9.2 kg
Weight	20.28 lb
Disconnection of the luminaire	all-pole disconnection

Components

Threaded plate	2x Stainless steel SS430
Ballast	6046/211-121-010 LED NLE 7Ah
Through wiring	with 6 conductors 2,5qmm
Drilled holes	3 x M20
Cable entries	to be ordered as accessory
Stopping plug	to be ordered as accessory
Accessories	without

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



Size 2:

L1 = 857 mm [33.74]

L2 = 400 mm [15.75]

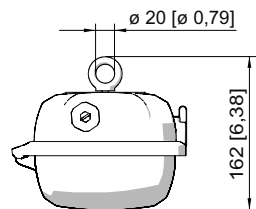
L3 = 320 ... 480 mm [12.60 ... 18.90]

Size 4:

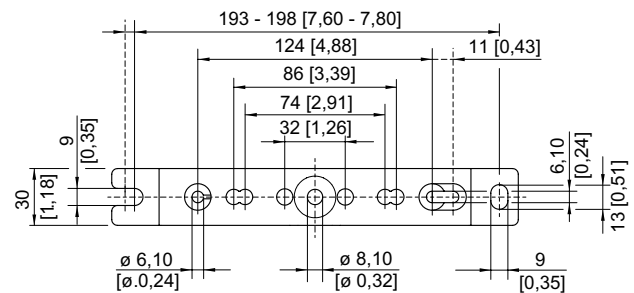
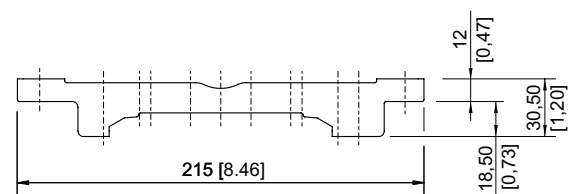
L1 = 1467 mm [57.76]

L2 = 800 mm [31.50]

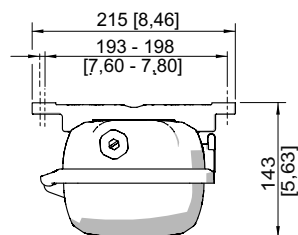
L3 = 670 ... 930 mm [26.38 ... 36.61]



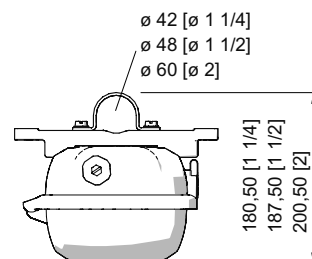
Ring bolt fitted in insert nut of the luminaire



Mounting rail



Mounting rail



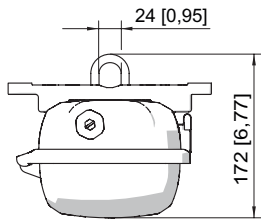
Pipe clamp fitted in mounting rail

Lighting

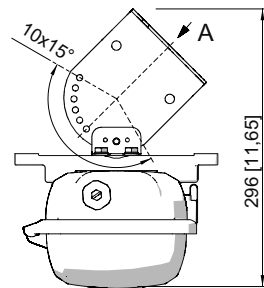
Emergency luminaire with LED

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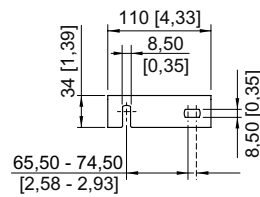
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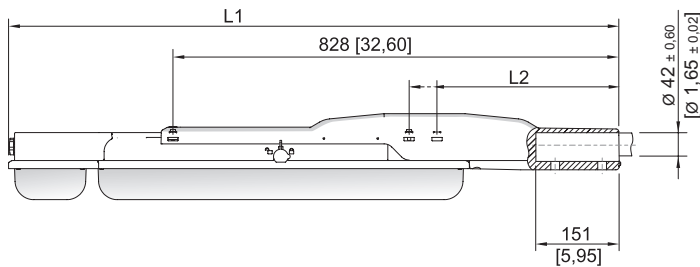
Mounting bracket fitted in mounting rail



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Wall mounting bracket fitted in mounting rail



With pole mounting sleeve

Size 2:

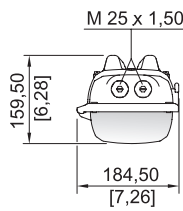
L1 = 1133 mm [44,61]

L2 = 390 mm [15,35]

Size 4:

L1 = 1742 mm [68,58]

L2 = 338 mm [13,31]



Lighting

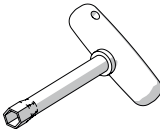
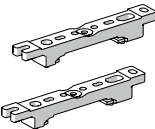
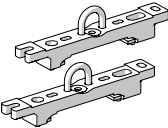
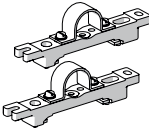
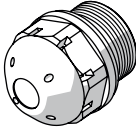
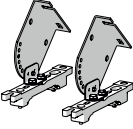
Emergency luminaire with LED

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STAHL

Accessories

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
Breather		Art. No.
	Thread: M25 x 1.5; 1 pc; for installation in lights; in moulded material; without counter nut	138573
	Thread: M25 x 1.5; 20 pc; for installation in lights; in moulded material; without counter nut	138576
	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.
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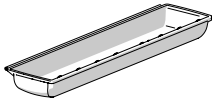
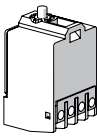
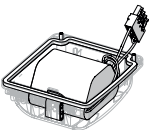
Lighting

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STAHL

	for luminaire size 4	222428
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.