

Lighting

Emergency luminaire For fluorescent lamps

Sheet steel

6018/1112-2962-1710-711 Art. No. 267772

STAHL



- For use in Zones 1, 2, 21 and 22
- Enclosure made from powdercoated sheet steel or stainless steel
- Central lock for opening and closing the luminaire plus a safety switch that disconnects the power supply at all poles when the luminaire is opened
- With weekly functional test and annual emergency lighting light duration test

WebCode 6018B



The safety light made of 6018/1 series sheet steel is used for emergency lighting and suitable for use in spraying and painting systems. The battery powers the emergency lighting over 1.5 or 3 hours. In case of a defective lamp, the luminaire switches to the working lamp. In operation, their robust construction means that they require minimal maintenance. With the right accessories, these high-quality luminaires are easy to install in a wide variety of ways in no time at all.

Technical Data

Explosion Protection

Application range (zones)	1 2 21 22
IECEX gas certificate	IECEX BVS 16.0019
IECEX gas explosion protection	Ex eb db mb IIC T4 Gb
IECEX dust certificate	IECEX BVS 16.0019
IECEX dust explosion protection	Ex tb IIIC T80 °C Db
ATEX gas certificate	ATEX BVS 16 ATEX E 025
ATEX gas explosion protection	Ex II 2 G Ex eb db mb IIC T4 Gb
ATEX dust certificate	ATEX BVS 16 ATEX E 025
ATEX dust explosion protection	Ex II 2 D Ex tb IIIC T80 °C Db
Certificates	ATEX (BVS), IECEX (BVS)

Electrical Data

Ex version	Yes
Rated operational voltage AC	220 – 240 V
Rated operational voltage max. AC	254 V
Rated operational voltage min. AC	220 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	2
Lamp wattage	18 W

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Lighting Data

Lamp	G13 lamp base
Luminous flux	0 lm
Emergency light duration	1,5 / 3 h (emergency light)

Ambient Conditions

Ambient temperature	-20 °C ... +50 °C Note: Through wiring max. 16 A
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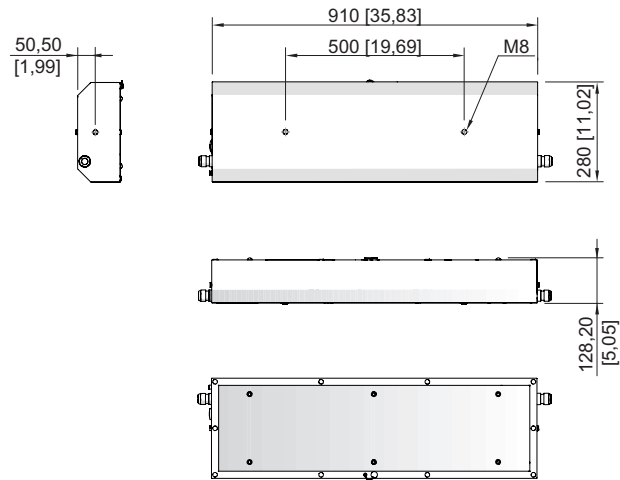
Mechanical Data

Version	Standard
Degree of protection (IP)	IP65
Enclosure material	Sheet steel, Powder-coated
Sealing material	Silicone foam gasket
Lens material	Safety glass
Material translucent cover	Hardened glass
Installed terminal strip	PE + N + L1 + L2 + L3 + L´
Connection terminals solid max.	4 mm ²
Connection terminals finely-stranded max.	4 mm ²
Type of connection cable	Finely stranded Extra-finely stranded
Design size	2
Width	285 mm
Height	128 mm
Length	915 mm
Enclosure colour	White, RAL 9016
Weight	14.76 kg
Weight	32.54 lb

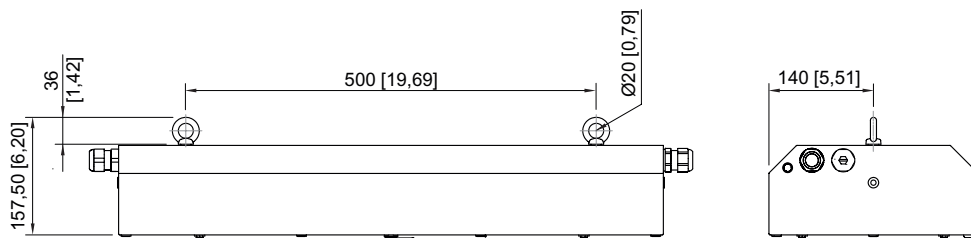
Components

Threaded plate	2x plastic
Ballast	6043-792-201
Through wiring	With 6 conductors 2.5 mm ²
Drilled holes	3 x M25
Cable entries	2 x M25 x 1.5
Material cable gland	Polyamide, black
Stopping plug	1 x M25
Stopping plug material	Polyamide, black
Material cable gland	Polyamide, black
Accessories	Provided

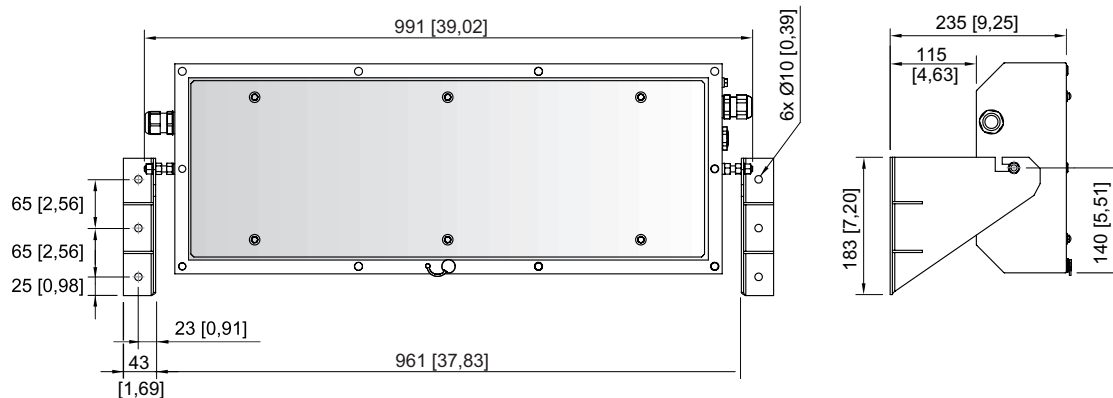
Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



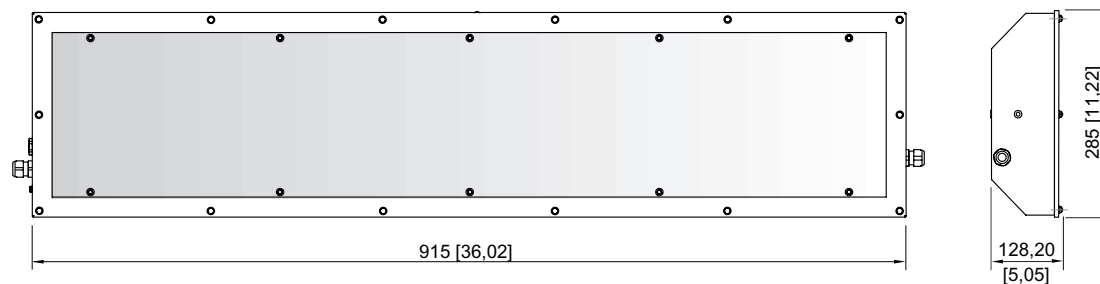
Light Fitting universal for IP65 size 2



Mounting with ring bolts size 2



Mounting on wall or ceiling size 2



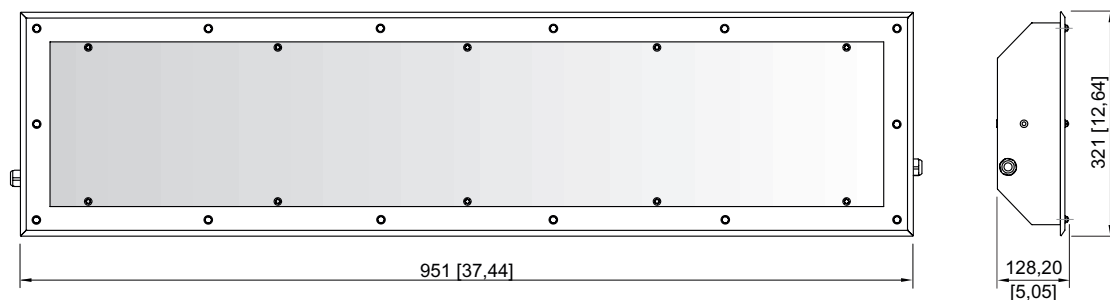
Luminaire wall or ceiling mounting with frame for IP66 size 2

Lighting

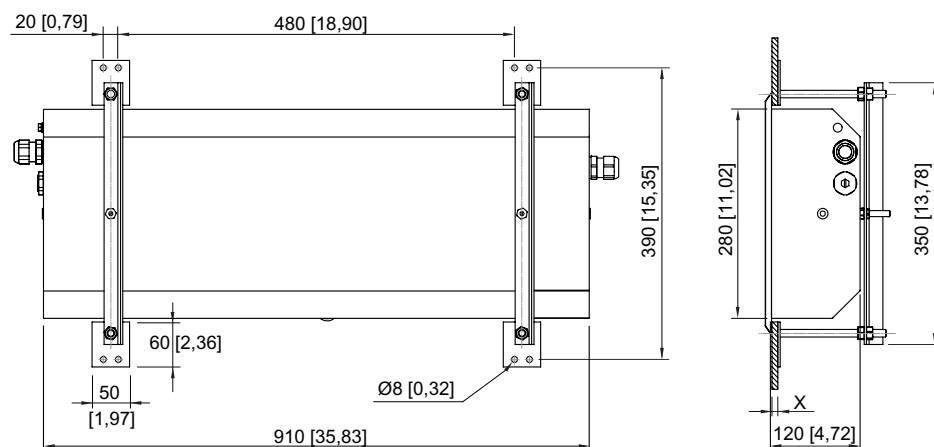
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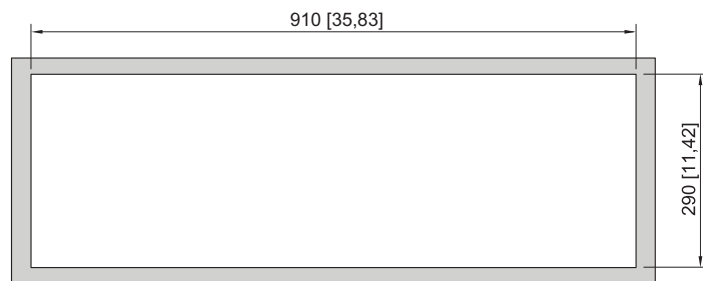


Luminaire universal with mounting frame for IP66 size 2



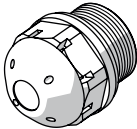
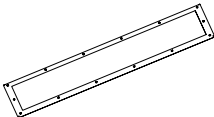
X = 10 [0,39] ... 125 [4,92]

Recessed mounting on wall or ceiling size 2



Mounting Cut-Out Size 2

Accessories and Spare Parts

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
Cover frame to provide IP66		Art. No.
	for 280 mm width made of sheet steel powder coated	245988

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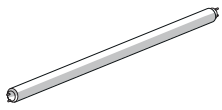
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Fluorescent lamp

Art. No.

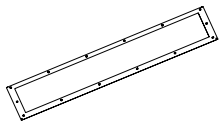


18 W, 1350 lm

108952

Flushing frame for recessed mounting in ceiling or wall with provide IP66

Art. No.

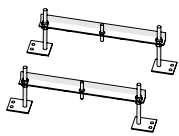


for 280 mm width made of sheet steel powder coated

226579

Mounting set for recessed mounting in ceiling or wall

Art. No.

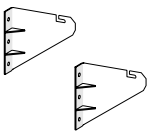


for Version 280 mm width

230082

Mounting set wall

Art. No.



for version with 280 mm width

226700

Ring bolt

Art. No.



M8, direct mounting in insert nuts; 1 pair

115736

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.