

6013/5231-4500-0123-0111 Art. No. 309615



- Premium 304 stainless steel with brushed finish for durability
- Higher efficacy, at around 120 lm/W, means more light with less power
- Temperature range -20 °C to + 44 °C
- Degree of protection IP 66
- Dual bottom and top openings provide easy access to input field terminals
- Adjustable ceiling brackets for precise mounting based on the ceiling depth
- IECEX certified
- Cleanroom compliance luminaire

### MY R. STAHL 6013B

The 6013 series is an ideal lighting solution tailored for cleanroom applications. Highlighting its versatility, this innovative series is equipped with adjustable built-in C brackets for recessed mounting providing unmatched flexibility and allowing for seamless installation and operation from both the top and bottom of the ceiling. The luminaire's user-friendly design, coupled with its lightweight construction, not only optimizes ceiling grid load capacity but also guarantees efficiency without any compromise.

## Technical Data

<b>Explosion Protection</b>	
Application range (zones)	1, 2
IECEX gas certificate	IECEX IBE 23.0005
IECEX gas explosion protection	Ex db eb ib IIC T4 Gb
Certificates and approvals	IECEX
Certificates	IECEX (IBE)
<b>Electrical Data</b>	
Rated operational voltage AC	220 ... 240 V
Rated operational voltage DC	max. 220 ... 240 V
Rated operational current	0.18 A (T4)
Power factor	≥ 0.90
Frequency range	50 – 60 Hz
<b>Lighting Data</b>	
Lamp wattage	40 W
Lamp	LED
Light colour	Cool white
Light distribution	120°
Luminaire efficacy	120 lm/W
Luminous flux	4496 lm
Colour rendering	≥ 80
Colour temperature	5700 K
<b>Ambient Conditions</b>	
Ambient temperature	-20 °C ... +44 °C
Storage temperature	-20 °C ... +60 °C
<b>Mechanical Data</b>	
IP degree of protection (IEC 60598)	IP66

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### Mechanical Data

Class	I
Enclosure material	Stainless steel 1.4301, Brushed Uncoated
Sealing material	Silicone
Number of terminals	3
Pane material	Reinforced glass
Pane material 2	matted
Max. solid connection terminals	4 mm <sup>2</sup>
Max. finely stranded connection terminals	4 mm <sup>2</sup>
Lighting lock	Screw-on cover
Type of connection cable	Finely stranded with clip Solid
Size	Size 3
Width	623.3 mm
Height	121 mm
Length	623.3 mm
Impact strength (IEC 62262)	IK10
Weight	13.2 kg
Weight	29.1 lb

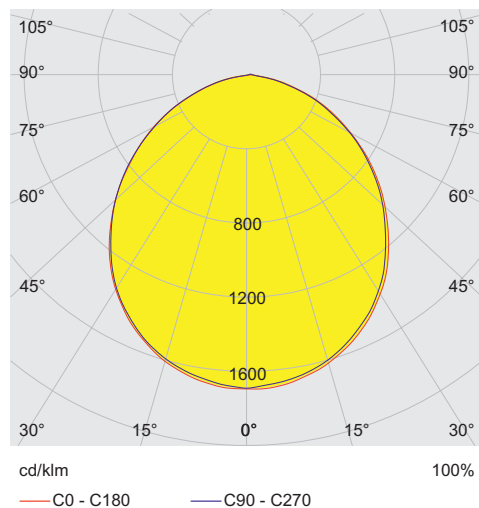
### Mounting / Installation

Mounting type	flush mounting
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### Components

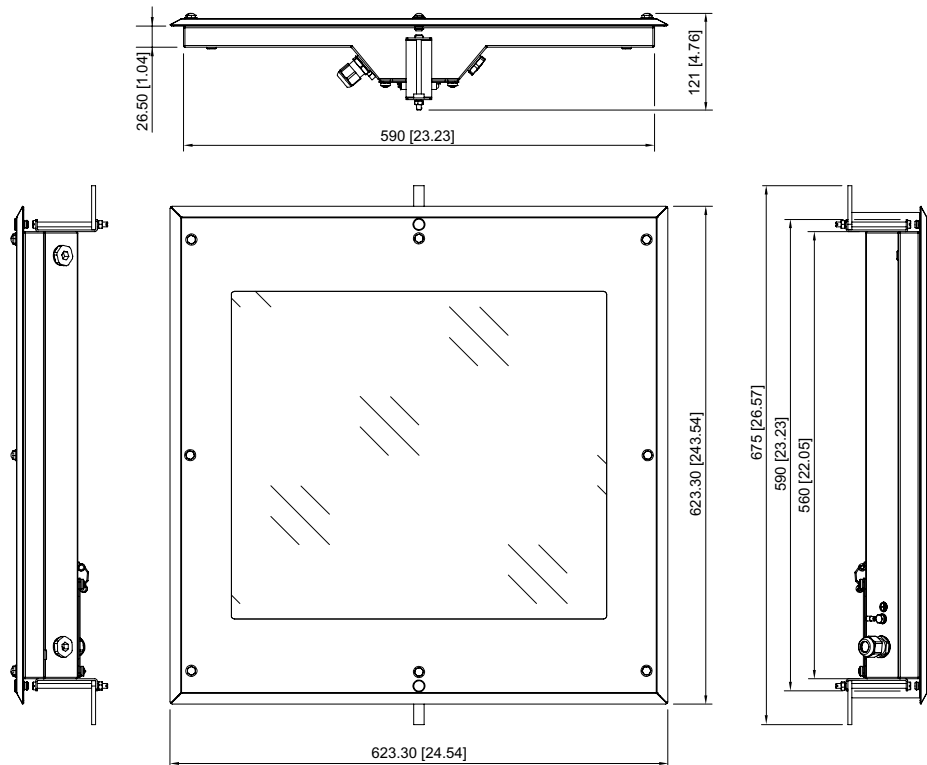
Ballast	6045/3
Drilled holes	3 x M20
Cable glands and entries	1 x M20 x 1.5
Material cable gland	Polyamide, black
Stopping plugs	2 x M20 x 1.5
Stopping plug material	Polyamide, black

### Light Distribution Curves



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



For Cutout - 600\*600 mm

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.