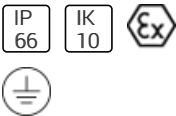


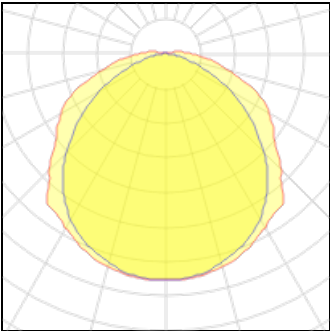
Product data sheet

6002/4148-0101-372-MMMM-55-8500
283670
STAHL



Linear luminaire With LED GRP explosion-protected Type: 6002/4148-0101-372-MMMM-55 -8500 Translucent cover: Clear Translucent cover material: Polycarbonate Enclosure material: Polyester resin Version: Standard Enclosure colour: Light grey (RAL 7035) Application range (zones): 1 , 2 , 21 , 22 Gas explosion protection: II 2 G Ex db eb ib op is IIC T4 Gb Dust explosion protection: II 2 D Ex tb op is IIIC T100 °C Db Number of lamps: 1 Lamp wattage: 35 W Light distribution: 120°x120° with diffusing glass Luminous flux: 5.770 lm Luminaire efficacy: 165 lm/W Luminaire efficacy DC operat.: 50% DC Light colour: 5000 K – neutral white Colour temperature: 5.000 K LED service life: L90B50 ≥ 100.000 h Control gear service life: C10 ≥ 50,000 h, Ta ≤ 60 °C Max solid connection terminals: 6 mm² Max. fin. str. conn. terminals: 4 mm² Dimensions (L x W x H): 1.310 x 184 x 125 mm AC rated operational voltage: 100,00 - 240,00 V DC rated operational voltage: 110,00 - 250,00 V min. ambient temperature: -40 °C max. ambient temperature: +50 °C Note: Through wiring: Max. 3x16 A Max. ambient temperature 2: +60 °C Note: Through wiring 2: Max. 3x10 A Impact strength (IEC 62262): IK10 Diffuser: With diffuser Through wiring: With 5 conductors 2.5 mm² Ballast: 6045/311-120-10 Threaded plate: 2x SS316L stainless steel Drilled holes: 4 x M25 Installed Stopping plugs: 4 x M25 x 1.5 Stopping plug material: Polyamide, black Installed terminal strip: PE+N+L1+L2+L3+PE+leer+PE Languages of the documentation: German English Label languages: German English French For further information, see: r-stahl.com WebCode 6002D

Light output 1



1 x LED			
Nominal lamp power	35 W	LOR	100%
Lamp flux	5770 lm	ULOR	2%
Luminous efficacy	165 lm/W	Total flux	5770 lm
CCT	5000 K	Total power	35 W
CRI	81		

Mounting mode

Ceiling mounted

Shape and measurements

Length: 51.57 in
Width: 6.61 in
Height: 5.07 in

Adjustability

Fixed

Design

Material impression: Matt
Color of housing: Anthracite / graphite, Silver gray

Electric

System power: 35 W
Ballast: ECG
Integrated Switch: In housing
Appliance Class: I

Protection

IP: 66
IK: 10
Explosion zone suitability: 1

Other operating numbers

Ambient temperature range: -40...140°F