



- Very small LED spotlight for hazardous areas
- Efficient, long-lasting LED technology white light
- Ultra-compact stainless steel enclosure, ingress protection IP66/68

MY R. STAHL



The EL-911-1 luminaire is suitable for use in hazardous areas in accordance with ATEX and IECEx.

It complements our camera portfolio in low-light areas and features a built-in, energy-efficient, long-life LED in neutral white.

Technical Data

General

Version	LED spotlight
Description	Lighting for potentially explosive atmospheres in accordance with ATEX and IECEx Pmax: 12.9 W @ 24 VDC Luminous flux: 1930 lm; 12.5 W COB LED Beam angle: 90 Colour temperature: 5000K (neutral white) Protection rating: IP66/68 (IEC / EN 60529) Ambient temperature: -30 °C < Tamb < +50 °C Included in delivery: 5 m connection cable

Explosion Protection

Scope	EU (CE / ATEX) Global (IECEx) United Kingdom (UKCA) United Kingdom (UKEX)
IECEx certification	IECEx TUR 22.0076X
ATEX certification	TÜV 21 ATEX 8696 X
UKEX certification	TÜV 24 UKEX 7178 X
IECEx gas explosion protection	Ex db IIC T6 Gb
IECEx dust explosion protection	Ex tb IIIC T80°C Db IP68
IECEx Firedamp protection	Ex db I Mb
ATEX gas explosion protection	Ex II 2 G Ex db IIC T6 Gb
ATEX dust explosion protection	Ex II 2 D Ex tb IIIC T80°C Db IP68
ATEX Firedamp protection	Ex I M2 Ex db I Mb
UKEX gas explosion protection	Ex II 2 G Ex db IIC T6 Gb
UKEX dust explosion protection	Ex II 2 D Ex tb IIIC T80°C Db IP68
UKEX Firedamp protection	Ex I M2 Ex db I Mb

Electrical Data

Power supply	24 VDC
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Electrical Data

Power consumption	12.9 W
LED type	High power 12.5 W COB-LED
Luminous flux	1930 lm
Beam angle	90°
Colour temperature	5000 K (neutral white)
Protection switch-mode power supply	Short circuit protection (40 V max.) Over temperature protection (+145 °C) EMC filter (EN55015 / FCC part15)

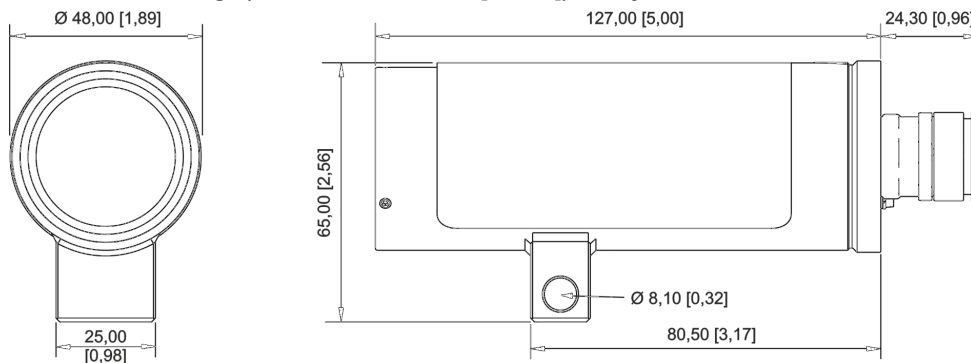
Ambient Conditions

Temperature range	-30 °C to +50 °C
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Mechanical Data

Enclosure	Stainless steel 316L / 1.4404
Ingress protection	IP66/68
Connection cable	ÖLFLEX HEAT 125MC 3Gx0.75mm²
Outer diameter	6.8 mm
Bending radius	Minimum 15 x outer diameter (moving); 4 x outer diameter fixed installation
Outer diameter	Halogen free, UV resistant and flame retardant
Weight	1.4 kg
Weight	3.09 lb

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



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.