

AR-040 SPOTLED

Zones 2, 22

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ATEX FLOODLIGHTS

ZONES 2 (gas) & 22 (dust)



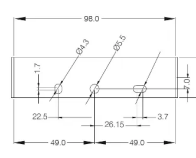
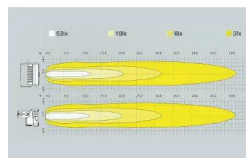
The AR-040 explosion-safe SpotLED combines high-performance and energy-efficiency with state-of-the-art LED technology, making it suitable for a wide range of applications. The robust SpotLED can successfully be applied on construction sites, transport vehicles, forklifts, lathes, or milling machines or for the illumination of facades.

The SpotLED is available with LED optics with an angle of 10° (spotlight), 38° (wide-angle light), or a combination of both (work light). The cable has a standard length of 5 meters. Due to the stainless steel bracket and the large 155° rotation angle, the SpotLED is suitable for mounting against walls or sloping surfaces.

The ATEX AR-040 SpotLED is certified in accordance with European Directive 2014/34/EU for use in hazardous areas and is CE marked.



Declaration of Conformity



ITEM REFERENCES

Designation:	LED Optics:	Item No.:
AR-040/100	5 x 38°	1H0401
AR-040/110	5 x 10°	1H0402
AR-040/120	3 x 10° / 2 x 38°	1H0403

TECHNICAL SPECIFICATIONS

Marking:	II 3G Ex ec IIC T4 Gc II 3D Ex tc IIIC T135°C Dc
Certificate:	Declaration of Conformity
Power supply:	12 - 30 VDC
Power consumption:	500 mA @ 24 VDC, 950 mA @ 12 VDC
Light source:	Cree 3 Watt PowerLEDs (5x), 780 Lumen
Beam angles:	10° - 38° (depending on the optics used)
Light color:	Neutral white (~6700 K)
Rotation angle:	-50° to +105°
Material:	Die cast aluminum housing and stainless steel bracket, RAL 7001, silver gray Polycarbonate impact-resistant safety glass
Ingress protection level:	IP67 according to EN 60529
Electrical connection:	Fixed cable, length 5 meters (brown = +24 VDC, white = 0 V, green = ground / earth)
Ambient temperature:	-30°C to +50°C
Dimensions:	120 x 62 x 87 mm
Weight:	540 gr

