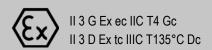# Explosion-safe SpotLED AR-040
For industrial applications and transportation vehicles

ARTIDOR

Features

- ATEX certified: suitable for use in zone 2 (gas) and zone 22 (dust) hazardous areas
- Ingress protection level IP67
- Coated silver gray aluminum housing
- Stainless steel bracket, powder coated
- Light source: 5 PowerLEDs, 3 Watts each
- 780 Lumen
- Various beam angles with different optics
- Rotation angle from -50° to +105°

⟨Ex⟩ II 3 G Ex ec IIC T4 Gc
II 3 D Ex tc IIIC T135°C Dc

Description

Artidor's 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.

Artidor's SpotLED is certified in accordance with European Directive 2014/34/EU (ATEX 114) for use in hazardous areas and is CE marked.

NEN STANDARDS COMMITTEE MEMBER

⟨Ex⟩

TÜV NEDERLAND ISO 9001

Explosion-safe SpotLED AR-040
For industrial applications and transportation vehicles

Technical data

Explosion safety:	II 3 G Ex ec IIC T4 Gc; II 3 D Ex tc IIIC T135°C Dc
Applicable European Directives:	2014/34/EU (ATEX 114) and 2014/30/EU (EMC)
CE conformity:	EN 60079-0:2018, EN 60079-7:2015 / A1:2018 and EN 60079-31:2014
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 grams

Ordering codes

Type number	LED optics
AR-040/100	5 x 38°
AR-040/110	5 x 10°
AR-040/120[*]	3 x 10° / 2 x 38°

* Shown in the image on the front page