

# AR-047 LED SIGNAL LIGHT - ALUMINIUM

Zones 1, 2, 21, 22

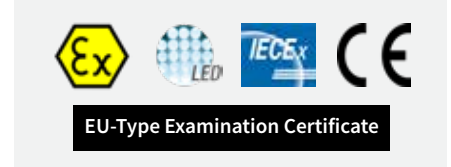
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## ATEX VISUAL SIGNALLING DEVICES ZONES 1, 2 (gas) & 21, 22 (dust)

The AR-047 omnidirectional explosion-safe LED signal light is designed for use under the most demanding conditions. The robust anodized aluminum housing and top plate, the 20 mm thick impact-resistant window, the O-ring seal and cast electronics ensure that the lamp is completely impervious to water and salt.

The latest generation LEDs ensure a clearly perceptible visual signal. Depending on the user's selection, the light will burn continuously or it blinks at a frequency of 1 Hertz. The signal light can be ordered with a radial cable connection or with a bottom connection. This makes the lamp highly suitable for use as a warning light on control cabinets.

The connection cable has a standard length of 5 meters.



ITEM REFERENCES			
Designation:	Light color:	Cable position:	Item No.:
AR-047 / 031 - R	Red	Radial (default, see picture)	2A2310
AR-047 / 131 - R	Red	Axial	2A2311
AR-047 / 031 - Y	Yellow / Amber	Radial (default, see picture)	2A2312
AR-047 / 131 - Y	Yellow / Amber	Axial	2A2313
AR-047 / 031 - G	Green	Radial (default, see picture)	2A2314
AR-047 / 131 - G	Green	Axial	2A2315

TECHNICAL SPECIFICATIONS	
Marking:	II 2G Ex mb IIC T4 Gb II 2D Ex mb IIIC T135°C Db
Certificate:	EU-Type Examination Certificate
Light color:	Red (625 nm), Yellow / Amber (610 nm) or Green (530 nm)
Luminance:	Red: 4.250 Cd/m <sup>2</sup>   Yellow / Amber: 6.350 Cd/m <sup>2</sup>   Green: 8.300 Cd/m <sup>2</sup>
Lighting mode:	Continuous or blinking, user selectable – 4-wire connection
Material:	Anodized aluminum housing, 20 mm impact-resistant window
Ingress protection:	IP65 according to EN 60529
Supply voltage:	24-48 VDC ± 10%
Nominal current:	160 mA @ 24 VDC
Connection:	Fixed cable, 4 x 0,75 mm <sup>2</sup> , length 5 m
Earth connection:	External, stainless steel, 4 mm <sup>2</sup>
Ambient temperature:	-20 °C to +60 °C
Dimensions:	Ø 95 x 60 mm (excl. cable gland)
Mounting:	Stainless steel bracket
Weight:	930 gr