

# AR-043 LED SIGNAL LIGHT - ALUMINIUM

Zones 2, 22

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

The AR-043 omnidirectional explosion-safe LED signal light is designed for use under normal weather conditions.

The 15 latest generation LEDs ensure a clearly perceptible visual signal. Dependent 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 (at request) 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.



Declaration of Conformity



### ITEM REFERENCES

Designation:	Light color:	Cable position:	Item No.:
AR-043 / 031 - R	Red	Radial (default, see picture)	2A2350
AR-043 / 131 - R	Red	Axial	2A2351
AR-043 / 031 - Y	Yellow / Amber	Radial (default, see picture)	2A2352
AR-043 / 131 - Y	Yellow / Amber	Axial	2A2353
AR-043 / 031 - G	Green	Radial (default, see picture)	2A2354
AR-043 / 131 - G	Green	Axial	2A2355

### TECHNICAL SPECIFICATIONS

Marking:	II 3G Ex mc IIC T4 Gc II 3D Ex mc IIIC T135°C Dc
Certificate:	Declaration of Conformity
Ambient temperature:	-20°C to +60°C
Light color:	Red (625 nm), Yellow / Amber (610 nm) or Green (530 nm)
Luminance:	15 LED   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 lighting or blinking, user selectable - 4-wire connection
Material:	Anodized aluminum housing, 20 mm impact-resistant polycarbonate window
Ingress protection:	IP65 according to EN 60529
Supply voltage:	24 VDC ± 10%   4 W
Nominal current:	160 mA @ 24 VDC
Connection:	Fixed cable, 4 x 0,5 mm <sup>2</sup> , length 5 m
Earth connection:	External, stainless steel, 4 mm <sup>2</sup>
Dimensions:	Ø 95 x 60 mm (excl. cable gland)
Mounting:	Stainless steel bracket
Weight:	930 gr

