



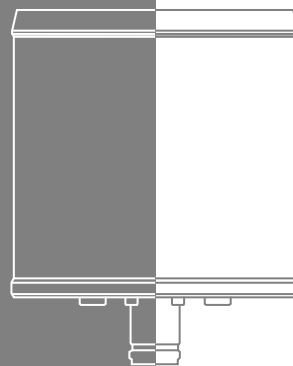
## LED OBSTRUCTION LIGHT

### LEDair 2

10 cd

#### APPLICATION

Marking of aviation obstructions such as masts, towers, chimneys and buildings



**The LEDair 2 obstruction light is designed for marking aviation obstacles such as masts, chimneys, towers, cranes and buildings.**

The LED technology used on the LEDair 2 Obstruction Light combines low power consumption with high light output, long service life and guarantees long maintenance intervals.

The LEDair 2 obstruction light complies with the guidelines of the International Civil Aviation Organisation (ICAO) Annex 14, 5th version and the General Administrative Regulation for the Marking of Aircraft Obstructions of 28 April 2007.

#### FEATURES

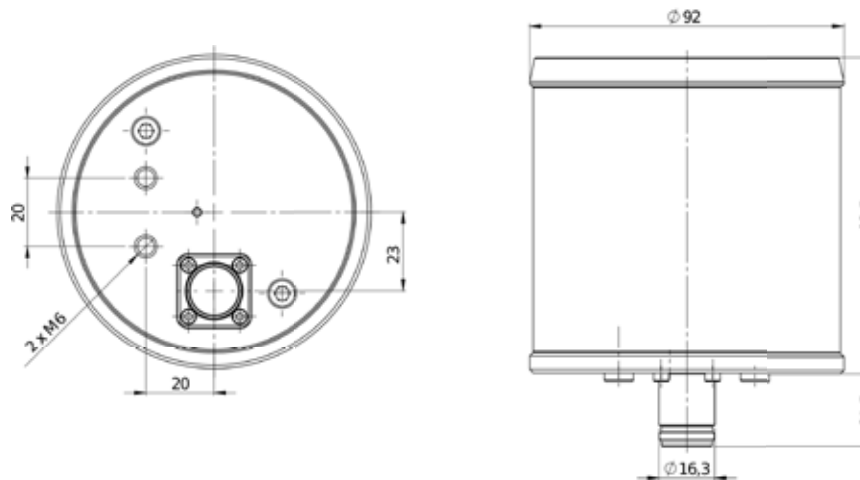
- ICAO Low Intensity 10 cd, Type A
- integrated brightness sensor
- horizontal radiation angle: 360°
- vertical spreading width: > 12°
- alarm contacts
- built-in surge protection: Class III according to IEC61643-1
- M16 connection for quick and easy installation
- maintenance-free
- water- and dust-tight body connections, temperature-resistant and resistant to mechanical stress
- shock and vibration resistant robust body



- corrosion-protected materials for all surfaces, electrical contact components and mounting accessories (seawater-resistant, anodised aluminium)
- high UV and ozone resistance, especially of optics and seals

#### OPTIONAL

- infrared version with 4 infrared LEDs (25 m W / sr)
- 24 V / 230 V variants



#### TECHNICAL SPECIFICATIONS

Operating voltage	230 V <sub>AC</sub> / 24 V <sub>DC</sub>
Power consumption	≤ 5 W
Light intensity	> 10 cd
Light colour	red according to ICAO Annex 14
Operating temperature range	- 40 °C – + 55 °C
Storage temperature range	- 40 °C – + 80 °C
Relative humidity	max. 100 %
Degree of protection	IP68 (according to DIN EN 60529)
Dimensions (Ø x H)	114 mm x 92 mm
LED	4 red LEDs
Conformity	CE, RoHS
Mounting	2 M6 screws
Material	seawater resistant, anodised aluminium
Connection cable	15 m

#### ELECTRICAL CONNECTIONS

Terminal	Signal	Function
1	24 V U+	supply voltage
2	reserved	reserved / unconnect
3	reserved	reserved / unconnect
4	USB D-	PC terminal interface
5	USB D+	PC terminal interface
6	K2 / Fail	relay contact 2 open, if error present
7	K1 / warning	relay contact 1 open, when warning or day mode is active
8	GND	grounded
9	SVInfo	test mode: GND (or open): inactive + 24 V: test mode
10	K1 / 2 common	relay 1 and 2 common
housing	shield	grounding

#### TRANSPORT SPECIFICATIONS

Net weight 0.76 kg

ARTICLE NUMBER	ARTICLE	VOLTAGE
5-LA2-E10-11-24	LED obstruction light LEDair 2 10cd	24 V
5-LA2-E10-11-230	LED obstruction light LEDair 2 10cd	230 V