



Medium Intensity Red 2,000cd 230VAC - LED Aircraft Warning Light

ICAO Type B & C. FAA L-864 & L-885

CEL-MI-2KR-230-A - Stand Alone Lighting

Medium-Intensity stand-alone 2,000cd Red model is designed for wind turbines. The product offers unique features such as incorporated fault monitoring, photocell, GPS synchronization, and it supports both stand-alone and Modbus operation as a part of CEL aviation light system network.



CEL-MI-2KR-230-A

Key features

- 2,000cd (effective) RED fixed or flashing
- Extremely reliable - long lifetime
- Supports both stand-alone and Modbus operations
- Suitable for Offshore environment
- Incorporated GPS synchronisation
- Adjustable luminous output levels 10%, 30%, and 100%
- Incorporated photocell and fault monitoring
- Design lifetime more than 20 years
- 5-year warranty- the longest in the industry

Specifications met

- ICAO International Standards and Recommended Practices: Aerodromes Annex 14 Volume 1, 6th Edition, July 2013,
- Chapter 6: Medium-intensity, Type C Fixed Obstacle Light
- FAA Advisory Circular 150/534543F 09/12/06: L-864 and L-885 light unit

Optical characteristics

- 2 000cd (effective)
- Colour aviation RED
- NVG compliant infrared (850nm) as an option
- Horizontal beam 360°
- Vertical beam 3°
- Maximum intensity at -1° is less than 1125cd
- Maximum intensity at -10° is less than 75cd

Electrical characteristics

- Operating voltage 90-265VAC
- Constant power input by active PFC
- Flash rates: 20/30/40/60 fpm
- Meets standards
- EMC (Emissions): EN 61000-6-4
- EMC (Immunity): EN 61000-6-2

Electrical characteristics - continued

- Power consumption
 - 17W @ Night (RED, 40 fpm)
 - 20W @ Night (RED+IR, 40 fpm)
 - 25W @ Night (RED, fixed)
 - 30W @ Night (RED+IR, fixed)
- Recommended cables (Outdoor):
 - Power (L-N-PE): 3x1,5mm or 3x2,5mm
 - Data: CAT 7
 - Alarm: CAT 7, 3x1,5mm or 3x2,5mm
 - Power + Data: 6x1,5mm or 6x2,5mm
- Terminals can be used to distribute power and data to another light head (6 core cable must be used).

Mechanical characteristics

Painted marine grade aluminium body (C5MHigh)
Glass cover
Degree of protection IP66
Operating temperature range -40...+55 °C
Mounting 240x240mm, 17
Height 333 mm, diameter 270 mm
Weight 11 kg

Additional Factory-Installed Options

Cold-climate version (CCV)
NVG compliant infrared (IR)



T: +44 (0)20 8540 1034
F: +44 (0)20 8543 3058
E: info@contarnex.com

Contarnex Europe Limited
252 Martin Way,
Morden, Surrey SM4 4AW
United Kingdom



Medium Intensity Red 2,000cd 230VAC - LED Aircraft Warning Light

ICAO Type B & C. FAA L-864 & L-885

CEL-MI-2KR-230-A - Stand Alone Lighting

CEL-MI-2KR-230-A

Light unit with mounting dimensions

