Medium Intensity 2,000cd red
24VDC - LED Aircraft Warning Light
ICAO Type B & C. FAA L-864 & L-885.
CEL-MI-2KR-24-x

Key features
- Based on LED technology
- 2,000 cd steady burning red light
- 2,000 cd flashing red with CSW flash controller unit or PCFL device
- Extremely reliable - long lifetime
- Very low power consumption
- 24V nominal operating voltage
- Stabilised light output
- Lightweight and small - low wind load factor
- Easy to install
- No RF-radiations
- Long maintenance intervals
- Comes with five (5) year warranty
- Patented

Specifications met
- ICAO International Standards and Recommended Practices:
  Chapter 6: Medium-intensity, Type C Fixed Obstacle Light
- FM Advisory Circular 150/5345-43F 09/12/06: L-864 and L-885 light unit
- Certified by STAC France and FVT Germany

Optical characteristics
- Intensity 2,000cd
- Colour aviation red
- Horizontal radiation pattern 360°
- Vertical radiation pattern 3°
- More than 10 year continuous maintenance free operating time

Electrical characteristics
- Operating voltage range 22 ... 30V
- Power consumption 28W @ steady burning
- Power consumption 2.3W @ 20 fpm and 250ms
- Constant current 1.2A @ 24V
- Operating temperature range -55 ... +55°C
- Three-stage overvoltage protection
- LEDs in several separate groups
- LED supply current stabilised by constant current generator

Mechanical characteristics
- Anodised aluminium body
- Glass cover
- Terminal box for 1.5 ... 6mm² wires
- Degree of protection IP65
- Height 284mm, diameter 154mm
- Mounting set -V or -H and terminal box include
- Light unit weight 3kg without mounting set
- Wind load 500N with mounting set @ 200km/h

Order code:
CEL MI-2KR-024-V
Series
MI: Medium Intensity
Luminous intensity and light colour
2KR: 2,000 cd, Red
Operating Voltage
12: 12V
24: 24V
48: 48V
115: 115VAC / 24VDC
230: 230VAC
Mounting set
V: Mounting to vertical pipe
H: Mounting to horizontal plate

OPERATING VOLTAGE
24 V DC

CAUTION - LED RADIATION
DO NOT DIRECTLY FROM LED BULBS OR VENT DIRECTLY WITH OPTICAL INSTRUMENTS.
CLASS II LED PRODUCT
Medium Intensity 2,000cd red
24VDC - LED Aircraft Warning Light
ICAO Type B & C. FAA L-864 & L-885
CEL-MI-2KR-24-x

CEL-MI-2KR-24-x is an obstacle light utilizing LED technology. The cabling and installation principles are similar to those of conventional obstacle lights, the only exception being the correct polarity required by DC feed.

Terminal box include screw terminals and overvoltage protectors. The polarity is:
- Blue -
- Black +
- Yellow-Green PE

All connection alternatives can be protected with a 6A or 10A fuse or with a circuit breaker (C curve).

**Installation specifications**
- Cable gland: M25
- Cable diameter: 11 ... 17mm
- Wire diameter: max. 6mm²
- Recommended cable: 2x1.5+1.5 or 2x2.5+2.5mm²

---

**Terminal box Schematic Diagram**

---

**Operating Voltage**

24 V DC

**Caution! LED Radiation**

Do not stare into LED beam or view directly with optical instruments. Class 2A LED product.
Medium Intensity 2,000cd red
24VDC - LED Aircraft Warning Light
ICAO Type B & C. FAA L-864 & L-885
CEL-MI-2KR-24-x

**CEL-MI-2KR-24-V**
Light unit with -V mounting set. Mounting to Vertical pipe

Mounting plate, U-bolts, hex nuts: Acid Proof steel
Terminal box: Polycarbonate
Mounting set weight: 0.7kg
Medium Intensity 2,000cd red
24VDC - LED Aircraft Warning Light
ICAO Type B & C. FAA L-864 & L-885

CEL-MI-2KR-24-x

**CEL-MI-2KR-24-H**
Light unit with -H mounting set. Mounting to Horizontal plate by L-shape brackets

Mounting plate: Aluminium
U-bolts, hex nuts: Acid Proof steel
Terminal box: Polycarbonate
Mounting set weight: 0.3kg