



28 Jan 2016

# Medium Intensity 20,000cd white + 2,000cd red ICAO Type A + B/C, FAA L-865 + L-864, L-866 + L-885 LED flashing aviation obstacle light

CEL-MI-20KWD-230-A

## Key features

- Based on LED technology
- 20,000 / 2,000cd effective flashing white and red
- Standalone unit with power supply, fault monitoring and integrated day/night switch
- Extremely reliable, long lifetime
- Very low power consumption
- Stabilised light output
- Lightweight and small - low wind load factor
- Dimmable down to 30% and 10%
- Easy to install
- Patented
- Very low total lifetime costs
- Comes with five (5) year warranty
- Over 10 year continuous, maintenance free operating time

## Specifications met

- FAA Advisory Circular 150/5345-43F 09/12/06: L-865, L-864, L-866 and L-885 light unit
- ICAO International Standards and Recommended Practices: Aerodromes Annex 14 Volume 1, 5th Edition, July 2009, Chapter 6: Medium-intensity, Type A+B/C Obstacle Light
- EMC (Emissions): EN 61000-6-4
- EMC (Immunity): EN 61000-6-2

## Optical characteristics

- 20,000cd effective intensity @ day mode
- 2,000cd effective intensity @ night mode
- Colour aviation white @ day mode
- Colour aviation red @ night mode
- Horizontal radiation pattern 360°
- Vertical radiation pattern 3°

## Electrical characteristics

- Operating voltage range 230VAC ( $\pm 10\%$ ), 50/60 Hz ( $\pm 6\%$ )
- Constant power input by active PFC
- Flash rates: 20, 30, 40 and 60 fpm
- Power consumptions @ 40 fpm:
  - Day mode: 95W
  - Night mode: 15W
- Operating temperature range -40°C ... +55°C
- Storage temperature range -55°C ... +70°C
- LED supply current stabilised by constant current generator

## Mechanical characteristics

- Light Head Chassis: Anodised marine grade aluminium
- Light Head Cover: Glass
- Degree of protection: IP65
- Height 428mm, diameter 360mm
- Weight 27kg



CEL-MI-20KWD-230-A

## Order code

CEL-MI-20KWD-230-A

230VAC

Stand alone unit with horizontal mounting plate

## Order code for factor-installed options

CEL-OPT-GPS-20KWD-A

GPS synchronisation including integrated GPS antenna

CEL-OPT-LAN-20KWD-A

Ethernet interface remote control

CEL-OPT-IR-20KWD-A

Infra-red (IR) light - IR wavelength 855 nm

Compatible with Night Vision Goggles

IR light power consumption:

6W @ steady burning

0.5W @ 20 fpm

## Recommended cables

Alarm

CAT 7 (Outdoor)

Data

CAT 7 (Outdoor)

Power Supply

3 x 2.5mm<sup>2</sup> (Outdoor) L-N-PE

## Shipping details

Dimensions: 60cm x 40cm x 40cm

Weight: 32kg

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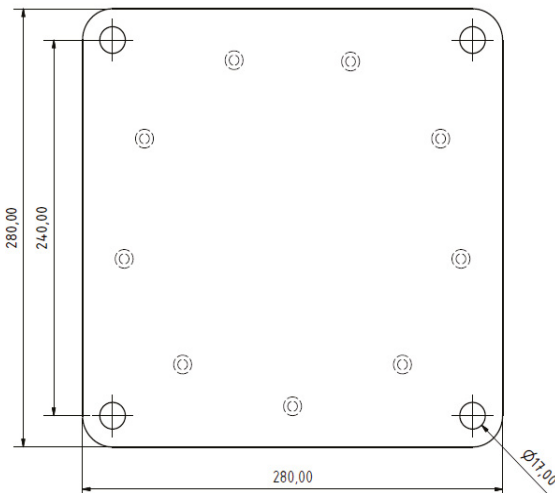
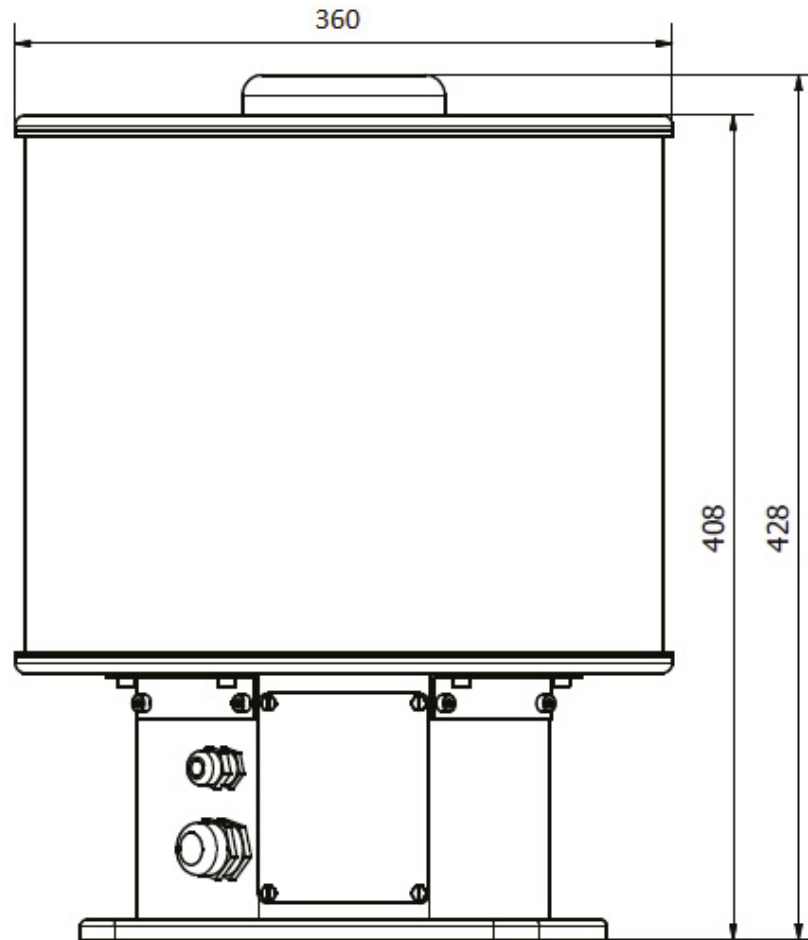
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CEL-MI-20KWD-230-A

## CEL-MI-20KWD-230-A Mechanical dimensions



## CEL-MI-20KWD-230-A Mounting