



28 Jan 2016

Medium Intensity 20,000cd / 2,000cd White ICAO Type A, FAA L-865, FAA L-866 LED flashing aviation obstruction light

CEL-MI-20KW-230-A

Key features

- Based on LED technology
- 20,000cd / 2,000cd effective flashing white
- Stand alone 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
- 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-866 light unit
- ICAO International Standards and Recommended Practices: Aerodromes Annex 14 Volume 1, 5th Edition, July 2009, Chapter 6: Medium-intensity, Type A Obstacle Light

Optical characteristics

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

Electrical characteristics

- Operating voltage range 230V_{AC}, 50/60Hz
- Constant power input by active PFC
- Flash rates: 20, 40 and 60fpm
- Power consumptions @ 40fpm:
 - Day mode: 95W
 - Night mode: 15W
- Operating temperature range -40 ... +55°C
- Storage temperature range -55 ... + 70°C
- LED supply current stabilised by constant current generator

Mechanical characteristics

- Anodised marine grade aluminium body
- Glass cover
- Degree of protection IP65
- Height 428mm, diameter 360mm
- Weight 27kg



CEL-MI-20KW-230-A

Order code:

CEL-MI-20KW-230-A (230V_{AC})
(comes with horizontal mounting)

Options (factory-installed):

- CEL-OPT-GPS-20KW-A
 - GPS synchronisation, including integrated antenna
- CEL-OPT-LAN-20KW-A
 - Ethernet interface remote control
- CEL-OPT-IR-20KW-A
 - Infra-red (IR) light (wavelength at 855nm)
 - Compatible with Night Vision Goggles

Recommended cables

- Data and alarm cable: CAT 7
- Power cable: 3x2.5mm²

Shipping details

- Dimensions: 60cm x 40cm x 40cm
- Weight: 32kg

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

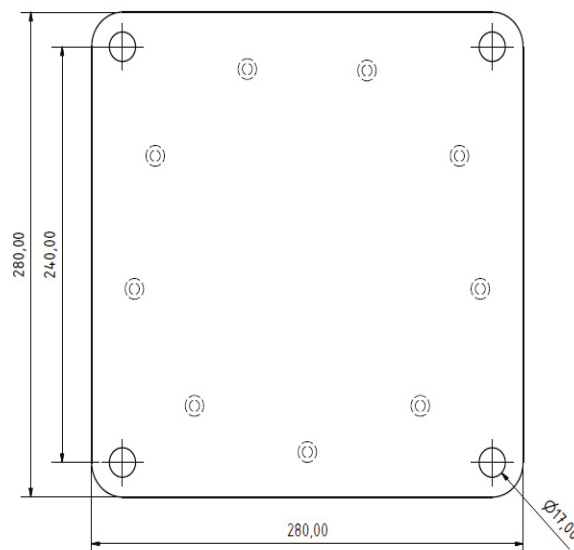
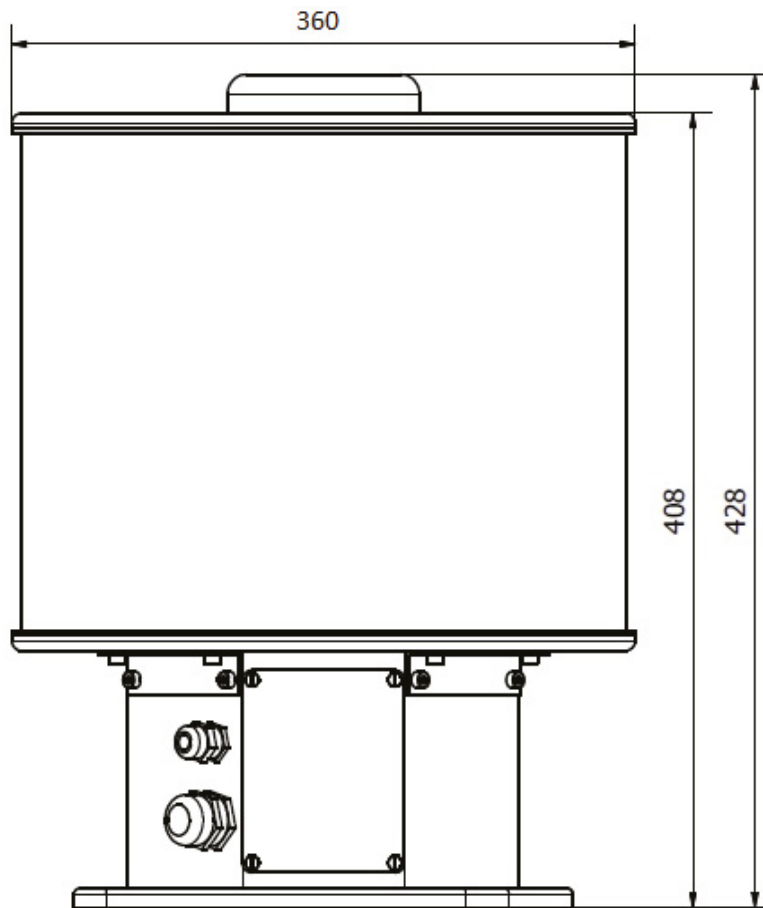
Contarnex Europe Limited
252 Martin Way,
Morden, Surrey SM4 4AW
United Kingdom



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CEL-MI-20KW-230-A

CEL-MI-20KW-230-A - Mechanical Dimensions



CEL-MI-20KW-230-A - Mounting Plate