

Medium Intensity 20,000cd white + 2,000cd red ICAO Type A+B, A+C. FAA L-865+L-864, L-866+L-885 LED Flashing aviation obstruction light CEL-MI-20KW+2KR-x

Key features

- Based on LED technology
- 20,000 / 2,000cd effective flashing white
- 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
- **Controlled by CEL LHC Light Head Controller**

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 Fixed Obstacle Light
- Certified by STAC France and FVT Germany

Optical characteristics

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

Electrical characteristics (with LHC)

- Operating voltages 24 or 48VDC, 100, 115, 200 or 230VAC
- Constant power input by active PFC
- Flash rates: 20, 40 and 60fpm
- Flash durations: 100, 150, 200 and 250ms
- Power consumptions @ 20fpm, 100ms:
 - Day mode: 65VA
 - Night mode: 30VA
- LED supply current stabilised by constant current generator

Mechanical characteristics

- Anodised marine grade aluminium body
- Glass cover
- Degree of protection IP65
- Operating temperature range -55... +55°C

continued.....



CEL-MI-20KW+2KR w/o mounting set

Order codes:

- CEL-MI-20KW+2KR-V with vertical mounting set
- CEL-MI-20KW+2KR-H with horizontal mounting set

continued.....

- Height 500mm, diameter 255mm
- Mounting set -V or -H include
- Light unit weight 20kg without mounting set
- Mounting set weight 4kg
- Wind load 1200N with mounting set @ 200km/h

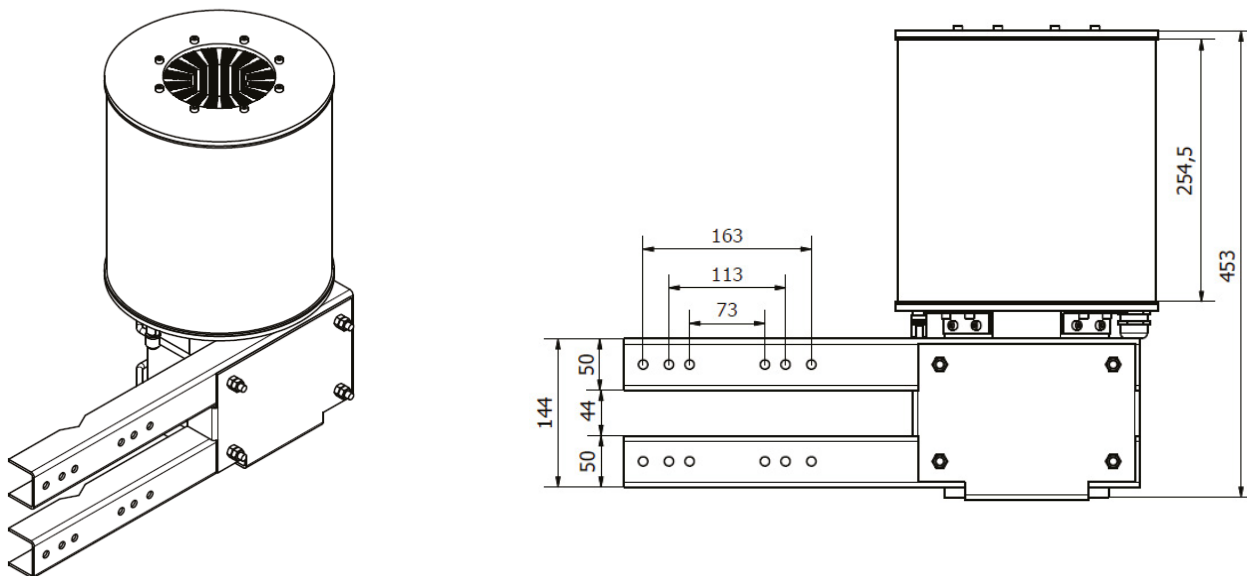
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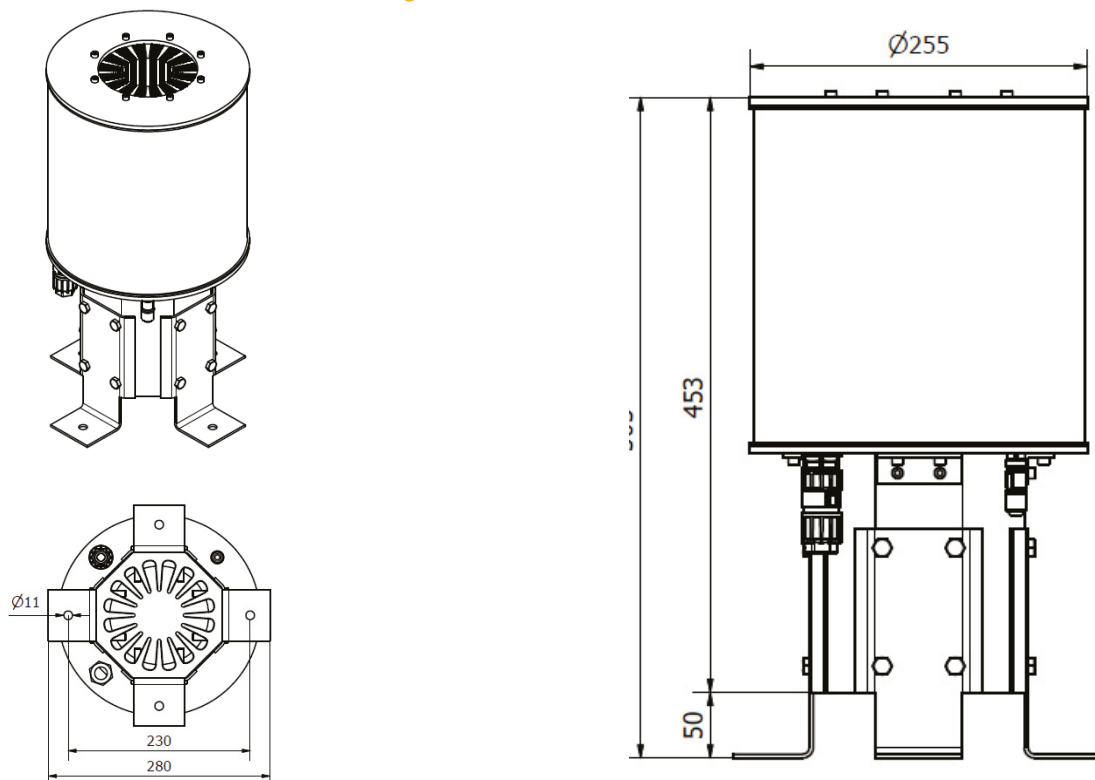
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CEL-MI-20KW-2KR-V - Mounting to vertical pipe:



CEL-MI-20KW-2KR-H - Mounting to horizontal surface:



Dimensions are subject to change, please contact us
for up-to-date detail

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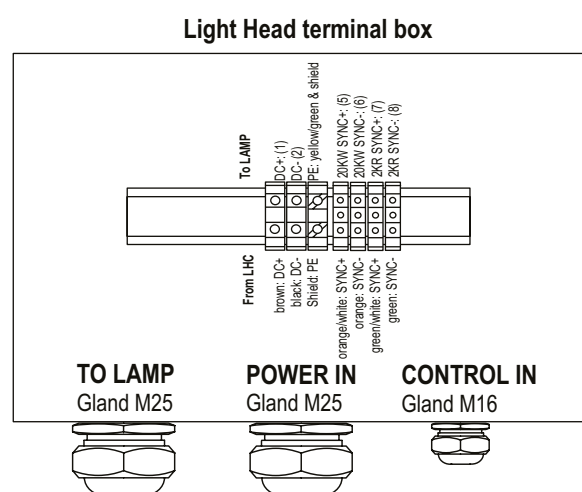
INSTALLATION INSTRUCTIONS

LIGHT HEAD TERMINAL BOX CONNECTIONS

CEL-MI-20KW+2KR light head is connected to light head controller, LHC, via terminal box included in light head. LHC provides light head's supply voltage and flash control with separate cables which are connected to light head's terminal box.

Terminal box connection instructions and cable recommendations:

To lamp 4x2,5 + 4x1 mm ²	Power in 3x6mm ²	Control in CAT5
1 = DC+	br = DC+	or/wh = 20KW SYNC+
2 = DC-	bk = DC-	or = 20KW SYNC-
3 = NC	wh = NC+	gr/wh = 2KR SYNC+
ye/gr = PE	shield = PE	gr = 2KR SYNC-
5 = 2DKW SYNC+		
6 = 2DKW SYNC-		
7 = 2KR SYNC+		
8 = 2KR SYNC-		
shield = PE		



POWER AND CONTROL CABLES

