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
• Lighting 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 tree operating time

Specifications met

• FAA Advisory Circular 150/5345-43F 09/12/06: L-865, L-866 light unit

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 230VAC, 50/60Hz
• Constant power input by active PFC
• Flash rates: 20, 40 and 60 fpm
• Power consumptions @40 fpm:
  • 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

Order code:
CEL-MI-20KW-230-A (230VAC)
(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

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

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