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
• 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 (+10%), 50/60 Hz (+6 %)
• Constant power input by active PFC
• Flash rates: 20, 30, 40 and 60fpm
• Power consumptions @ 40fpm:
  - 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

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 @ 20fpm

Recommended cables
Alarm: CAT 7 (Outdoor)
Data: CAT 7 (Outdoor)
Power Supply: 3 x 2.5mm² (Outdoor) L-N-PE

Shipping details
Dimensions: 60cm x 40cm x 40cm
Weight: 32kg
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