



High Intensity 50,000cd White + 2,000cd Red ICAO - TraFi LED Aviation Obstacle Light

CEL-HI-50KWD-230-A

Key features

- Based on LED-technology
- 50,000cd effective flashing white, 2,000cd flashing/steady red omnidirectional
- Stand alone unit with power supply, fault monitoring and day/night switch integrated
- Over 10 year continuous, maintenance free operating time
- Integrated GPS antenna for flash synchronisation as an option
- Fault monitoring is through alarm relay. Ethernet and RS-485 are available as options
- Easy to chain (Power and Master /Slave synchronisation)
- Stabilised light output
- No RF-radiations
- Dimmable down to 30% and 10%.
- Integrated infra-red (IR) light as an option
- Comes with five (5) years warranty

Specifications met

- ICAO International Standards and Recommended Practices: Aerodromes- Annex 14 Volume 1, 5th Edition, July 2009, Chapter 6, high-intensity Type B (2 units required).
- Finnish aviation authority, TraFi, regulations

Optical characteristics

- 50,000cd effective intensity @ day and twilight mode
- 2,000cd effective intensity @ night mode
- Colour aviation red
- Horizontal radiation pattern 360°
- Vertical radiation pattern 3°

Electrical characteristics

- Nominal operating voltage 230 Vac, 50 ... 60Hz
- Constant power input by active PFC
- Flash rates: 20, 40 and 60fpm
- Power consumptions@ 40fpm:
 - Day mode: 160VA
 - Night mode: 30VA
- Operating temperature range -55 ... +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
- Mounting set horizontal
- Light unit weight 27kg

Made in EU



CEL HI-50KWD-230-A

Order code

CEL-HI-50KWD-230-A 230 VAC
(comes with horizontal mounting)

Options (factory-installed):

- OPT-GPS-50KWD-A** GPS synchronisation -including integrated antenna
- OPT-LAN-50KWD-A** Ethernet interface- remote control
- OPT-IR-50KWD-A** Infra-red (IR) light (wavelength at 855nm)
 - Compatible with Night Vision Goggles

Shipping details

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

Recommended cables

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

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MECHANICAL DIMENSIONS

