

**ICAO High Intensity 50 000 cd White  
LED Aviation Obstacle Light****Key features**

- Based on LED-technology
- 50 000 cd effective flashing white 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**

- 50 000 cd effective intensity @ day and twilight mode
- 2 000 cd effective intensity @ night mode
- Colour aviation white
- 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 60 fpm
- Power consumptions @ 40 fpm:  
Day mode: 160 VA  
Night mode: 30 VA
- 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 428 mm, diameter 360 mm
- Mounting set horizontal
- Light unit weight less than 27 kg

**Obelux HI-50KW-230-A****Order code**

**HI-50KW-230-A** 230 VAC  
(comes with horizontal mounting)

**Options (factory-installed):**

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

**Shipping details**

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

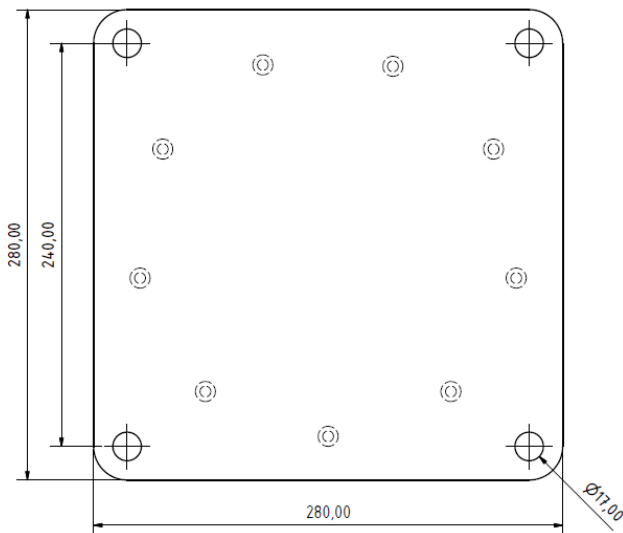
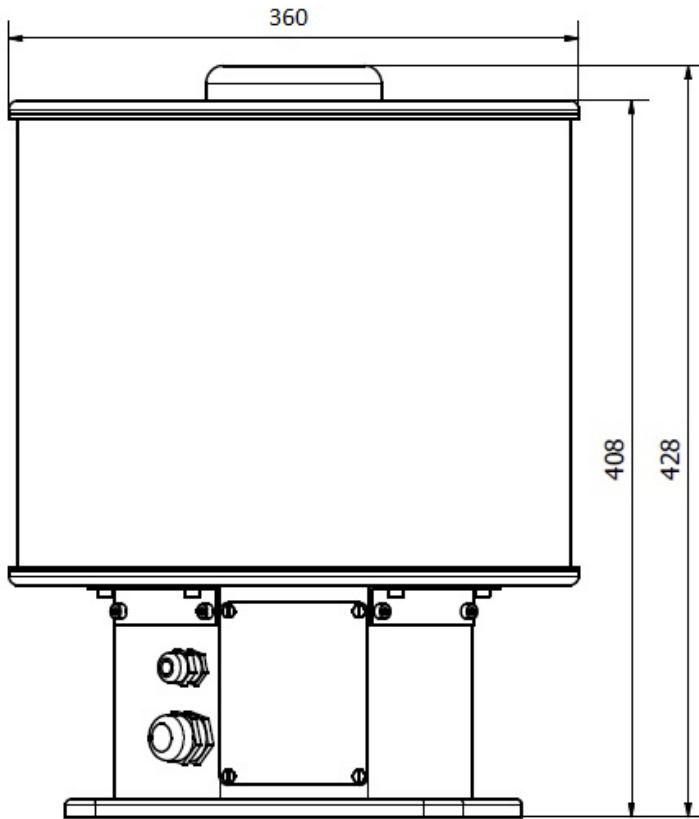
**Recommended cables**

- Data and alarm cable: CAT 7
- Power cable: 3x2.5 mm<sup>2</sup>

Made in Finland

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**Mechanical dimensions:**



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