

### Key features

- Based on LED-technology
- 20 000/ 2 000 cd 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) years 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
- ICAO International Standards and Recommended Practices: Aerodromes Annex 14 Volume 1, 5th Edition, July 2009, Chapter 6: Medium-intensity, Type A+B/C Obstacle Light
- EMC (Emissions): EN 61000-6-4
- EMC (Immunity): EN 61000-6-2

### Optical characteristics

- 20 000 cd effective intensity @ day mode
- 2 000 cd 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 230 V<sub>AC</sub> (± 10%), 50/60 Hz (± 6 %)
- Constant power input by active PFC
- Flash rates: 20, 30, 40 and 60 fpm
- Power consumptions @ 40 fpm:  
Day mode: 95 W  
Night mode: 15 W
- 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 428 mm, diameter 360 mm
- Weight 27 kg



Obelux MI-20KWD-230-A

### Order code

MI-20KWD-230-A	230 V <sub>AC</sub> Standalone unit with horizontal mounting plate
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### Order code for factory-installed options

OPT-GPS-20KWD-A	GPS synchronisation including integrated GPS antenna
OPT-LAN-20KWD-A	Ethernet interface remote control
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 @ 20 fpm

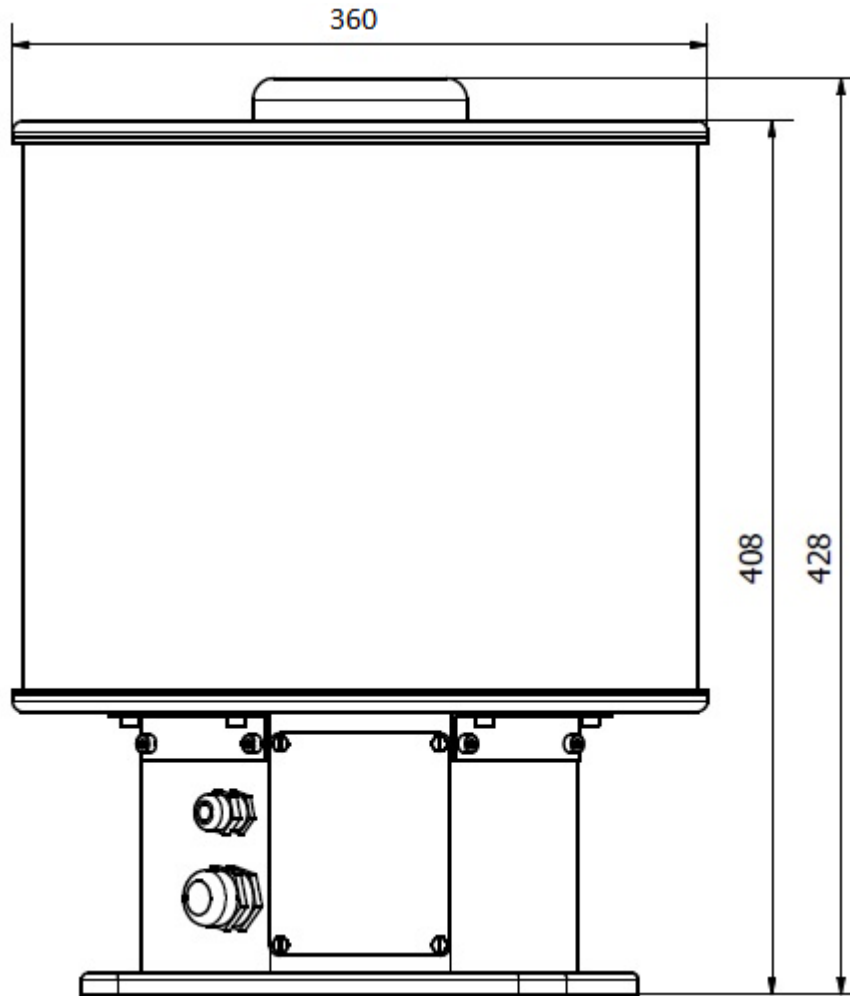
### Recommended cables

Alarm	CAT 7 (Outdoor)
Data	CAT 7 (Outdoor)
Power supply	3 x 2.5 mm <sup>2</sup> (Outdoor) L-N-PE

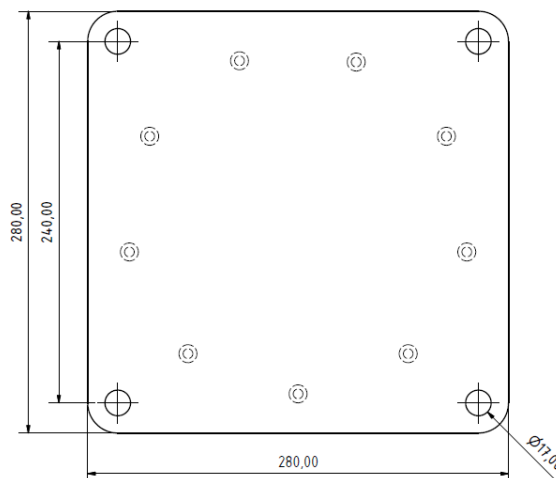
### Shipping details

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

Obelux MI-20KWD-A Mechanical dimensions



Obelux MI-20KWD-A Mounting plate



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