

High-Intensity 200 000 cd Aviation Obstruction Light

ICAO High-Intensity Type A 200 000 cd
NVG Compliant Infrared 850nm Light

OBELUX
AVIATION LIGHTS

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Optical characteristics

- ▶ 200 000 cd @ Day
- ▶ 20 000 cd @ Twilight
- ▶ 2 000 cd @ Night
- ▶ Colour aviation WHITE
- ▶ NVG compliant infrared (850nm) as an option
- ▶ Horizontal beam 120° or 90°
- ▶ Vertical beam > 3°



The picture shown is for illustration purposes only.

High-Intensity White 200 000 cd LED Aviation Obstruction Lights

Obelux high-intensity stand-alone 200 000 cd model is used for marking tall structures, such as wind turbines, transmission masts, chimneys, broadcast masts, etc. The product offers unique features such as incorporated fault monitoring, photocell, GPS synchronization, and it supports both stand-alone and Modbus operation as a part of Obelux aviation light system network.

Specifications met

ICAO International Standards and Recommended Practices:
Aerodromes Annex 14 Volume 1,
8th Edition, July 2018, Chapter 6:
High-intensity Type A.

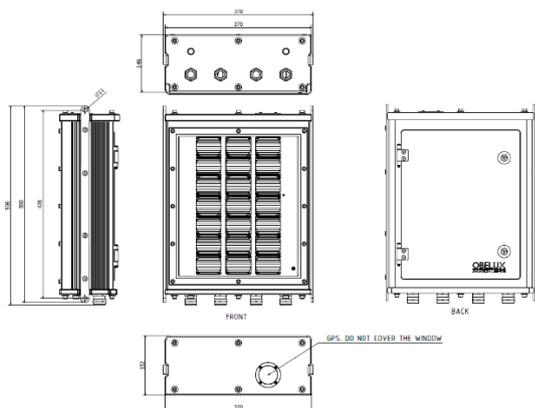
Key Features

- ▶ Based on LED technology
- ▶ 200 000 cd WHITE flashing
- ▶ Supports both stand-alone and RS-485 Modbus operations
- ▶ Suitable for Offshore environment
- ▶ Built-in GPS synchronisation
- ▶ Visibility sensor interface controlled luminous output levels 10%, 30%, and 100%
- ▶ Built-in photocell and fault monitoring
- ▶ Dry contact alarm relay
- ▶ Easy to chain (no need for junction box)
- ▶ Hot start for radar-controlled systems
- ▶ Design lifetime more than 20 years
- ▶ Embedded Web Server
- ▶ 5-year warranty

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Mechanical Characteristics

- ▶ Anodized marine grade aluminium body
- ▶ Glass cover
- ▶ Degree of protection IP66
- ▶ Operating temperature range -40...+55 °C
- ▶ Height 506 mm, width 378 mm, depth 152 mm
- ▶ Weight 22 kg
- ▶ 4 x M25 cable glands
- ▶ Cable diameter 11 to 17 mm (includes 6-13 mm cable gland seal)
- ▶ Easy to chain (no need for junction box)
- ▶ 7-mm triangular lock
- ▶ GPS and Photocell window

Available mounting sets

Mounting Set A

Vertical mounting set.

All parts stainless steel.

- ▶ (1) 2 pcs X003514
- ▶ (2) 1 pc X003746
- ▶ (3) 15 pcs DIN985 M8 nyloc A4
- ▶ (4) 15 pcs ISO 4017 M8 x 20 A4
- ▶ (5) 4 pcs ISO 4017 M10 x 20 A4
- ▶ (6) 4 pcs ISO 4161 M10 A4
- ▶ (7) 1pc X003739

▶ **Order Code MS-HI-A**

Mounting Set B (included by default in all models)

Horizontal Mounting set.

All parts stainless steel.

- ▶ (1) 2 pcs X003514
- ▶ (2) 1 pc X003746
- ▶ (3) 12 pcs DIN985 M8 nyloc A4
- ▶ (4) 12 pcs ISO 4017 M8 x 25 A4
- ▶ (5) 4 pcs ISO 4017 M10 x 25 A4
- ▶ (6) 4 pcs ISO 4161 M10 A4

▶ **Order Code MS-HI-B**