

**ICAO High Intensity Type A
200 000 cd white LED flashing obstacle light****Key features**

- Based on LED-technology
- 200 000 / 20 000 / 2 000 cd effective flashing white
- 120° x 3° beam spread
- Extremely reliable - long lifetime
- Very low power consumption
- Stabilised light output
- Lightweight and small – low wind load factor
- Easy to install
- Patented
- Very low total lifetime costs
- Comes with five (5) years warranty
- Over 10 year continuous, maintenance free operating time
- Controlled by Obelux LHC Light Head Controller

Specifications met

- ICAO International Standards and Recommended Practices:
Aerodromes - Annex 14 Volume 1, 5th Edition, July 2009,
Chapter 6: High-intensity, Type A Fixed Obstacle Light

Photometric characteristics

- 200 000 cd effective intensity @ day mode
- 20 000 cd effective intensity @ twilight mode
- 2 000 cd effective intensity @ night mode
- Colour aviation white
- Horizontal radiation pattern 120°
- Vertical radiation pattern 3°

Electrical characteristics (with LHC)

- Flash rate: 20, 40 and 60 fpm
- Flash duration: 100, 150, 200 and 250 ms
- Power consumptions 312 VA @ 40 fpm, 250 ms
- Operating temperature range -40...+70 °C
- Storage temperature range -55...+100 °C
- LED supply current stabilized by constant current generator

Mechanical characteristics

- Marine grade aluminium enclosure
- Glass cover
- Degree of protection IP65
- Height 843 mm, width 353 mm, depth 213 mm
- Height 973 mm with mounting set
- Weight 27 kg, less than 35 kg with mounting set
- Mounting set -V or -W include
- Wind load @ 200 km/h less than 1000 N

Made in Finland

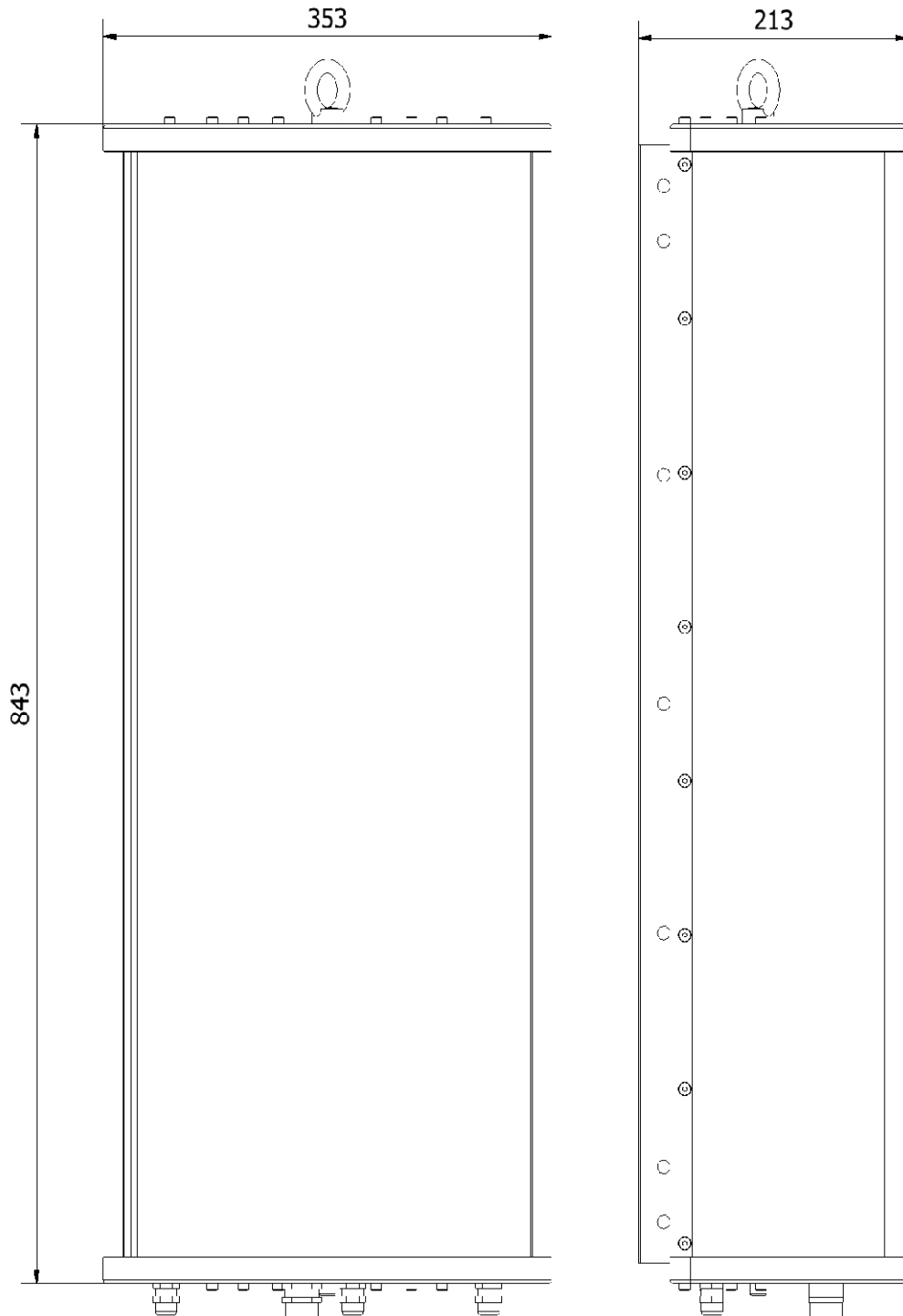


Obelux HI-200KW without mounting set

Order codes:

- Obelux HI-200KW-V with vertical mounting set
- Obelux HI-200KW-W with wall mounting set

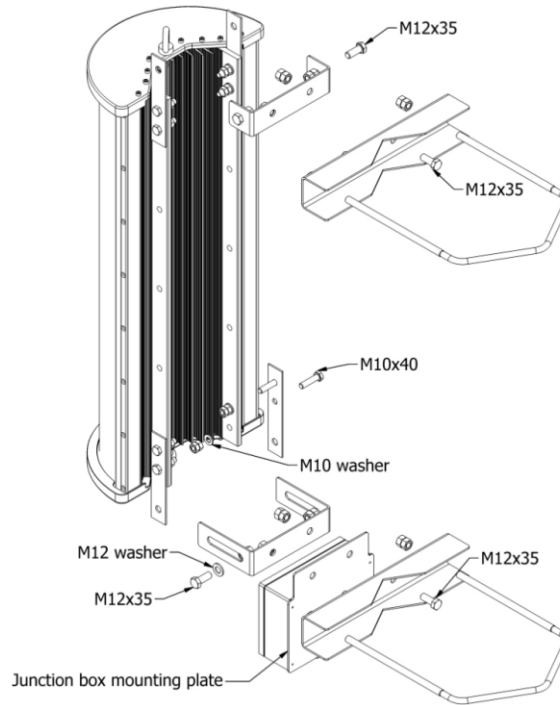
MECHANICAL DIMENSIONS



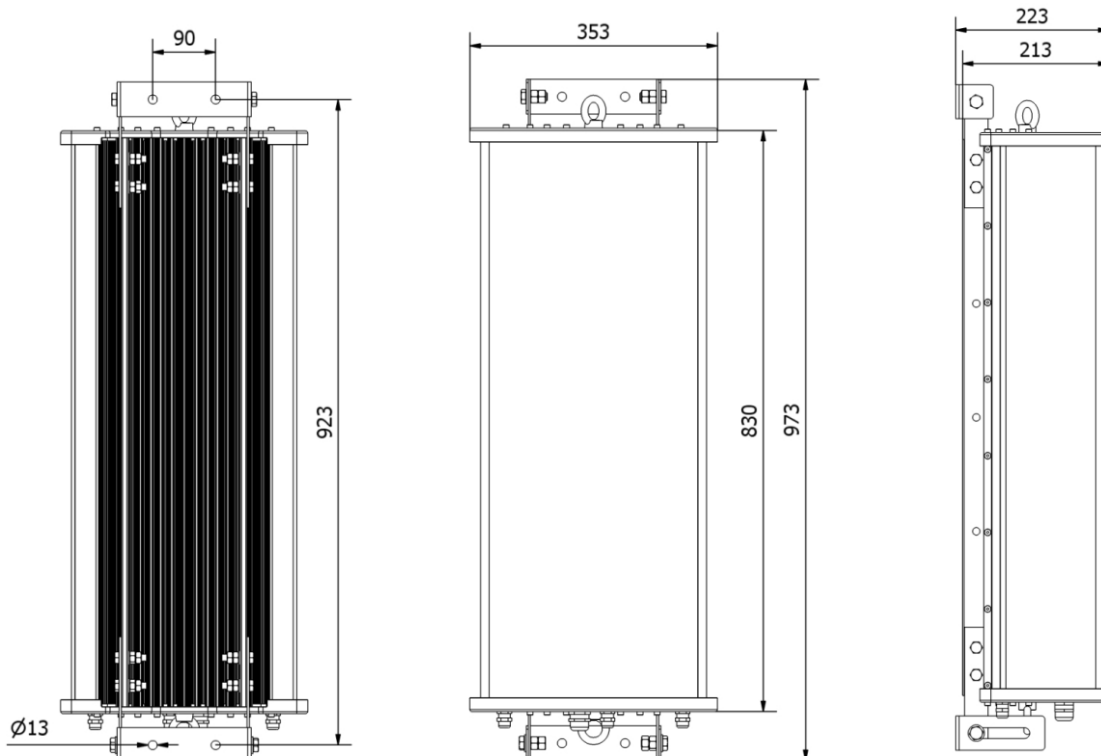
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VERTICAL MOUNTING SET



WALL MOUNTING SET



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INSTALLATION INSTRUCTIONS

LIGHT HEAD TERMINAL BOX CONNECTIONS

Obelux HI-200KW light head is connected to light head controller, LHC, via terminal box installed close to the light head. LHC provides light head's supply voltage and flash control with separate cables which are connected to light head's terminal box.

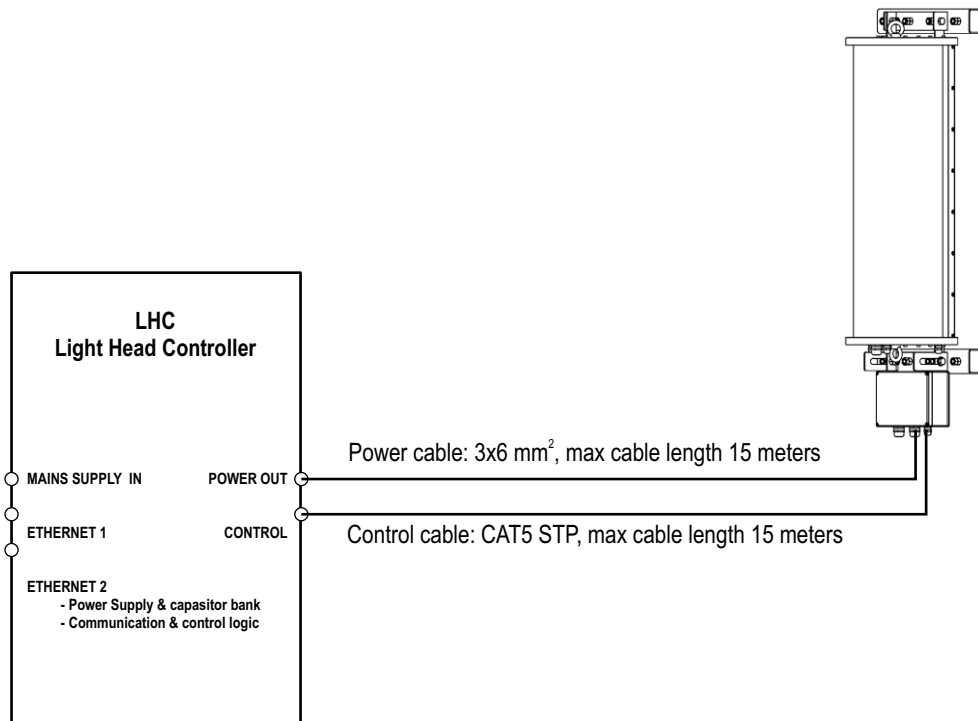
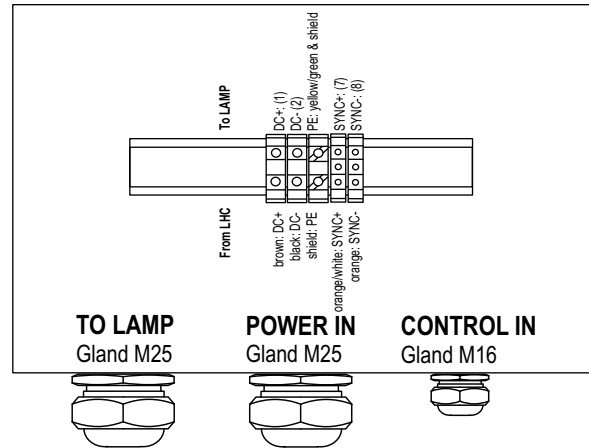
Terminal box connection instructions and cable recommendations:

To lamp
4x2,5 + 4x1 mm²
1 = DC+
2 = DC-
3 = NC
ye/gr = PE
7 = SYNC+
8 = SYNC-
shield = PE

Power in
3x6 mm²
br = DC+
bk = DC-
wh = NC
shield = PE

Control in
CAT5
or/wh = SYNC+
or = SYNC-

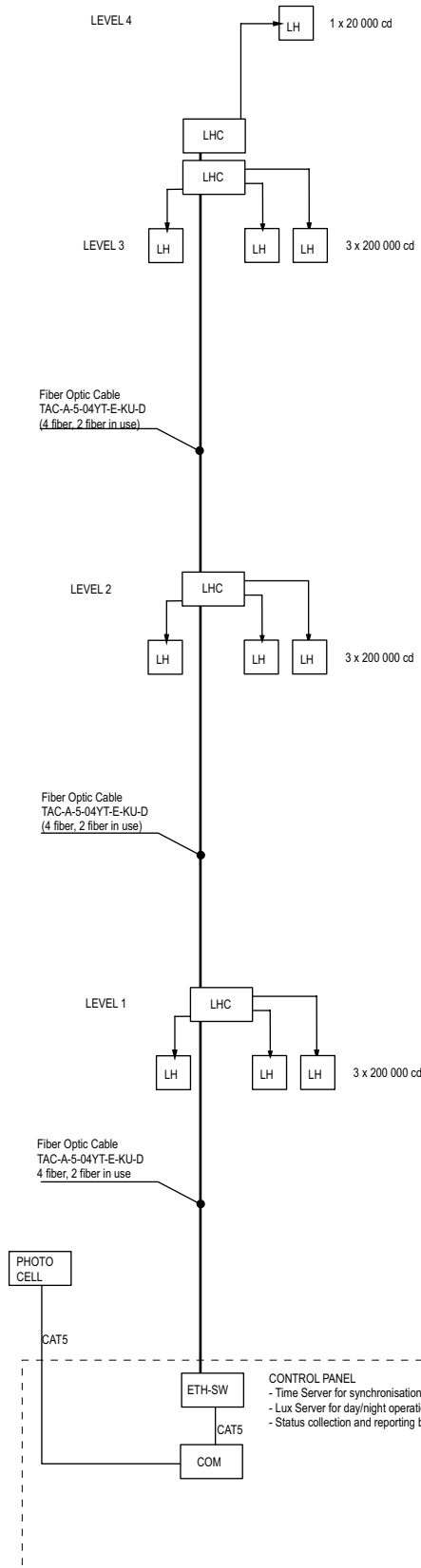
Light Head terminal box



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**TYPICAL APPLICATION
4-LEVEL BROADCAST MAST**



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