

**140 000 cd amber LED flashing obstacle light,
operating voltage 230 Vac****Key features**

- Based on LED-technology
- 120° x 3° beam spread
- Extremely reliable - long lifetime
- Low power consumption
- 230 VAC nominal operating voltage
- Stabilised light output
- Lightweight and small – low wind load factor
- Easy to install
- Very low cost of ownership
- Low wind load
- Comes with five (5) years warranty
- Over 10 year continuous maintenance free operating time
- Controlled by Obelux LHC Light Head Controller

Photometric characteristics

- Peak intensity 140 000 cd
- Colour aviation amber
- Colour wavelength 584-597 nm
- Horizontal radiation pattern 120°
- Vertical radiation pattern 3°

Mechanical characteristics

- Marine grade aluminium enclosure
- Glass cover
- Degree of protection IP65
- Operating temperature range -55...+55 °C
- 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
- Wind load @ 200 km/h less than 1000 N

Electrical characteristics (LHC)

- Operating voltage 230 VAC, 50...60 Hz
- Constant power input by active PFC power supply
- Internal Photocell, external as option
- Flash rates: 20, 40, 60 or 90 fpm
- Flash durations: 100, 150, 200 or 250 ms
- Power consumptions @ 40 fpm, 250 ms: 200 VA
- Two Ethernet ports, built in switch
- IP communication
- Overvoltage protection
- Maximum power cable length 15 m (3 x 6mm²)



Obelux HI-140KA-230-x

Order code:**Obelux HI-140KA-230-V**

1	2	3	4
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1 Serie

LI: Low Intensity
MI: Medium Intensity
HI: High Intensity

2 Intensity and Colour

140K: 140 000 cd
A: Amber light colour

3 Operating Voltage

230: 230 Vac
115: 115 Vac

4 Mounting set

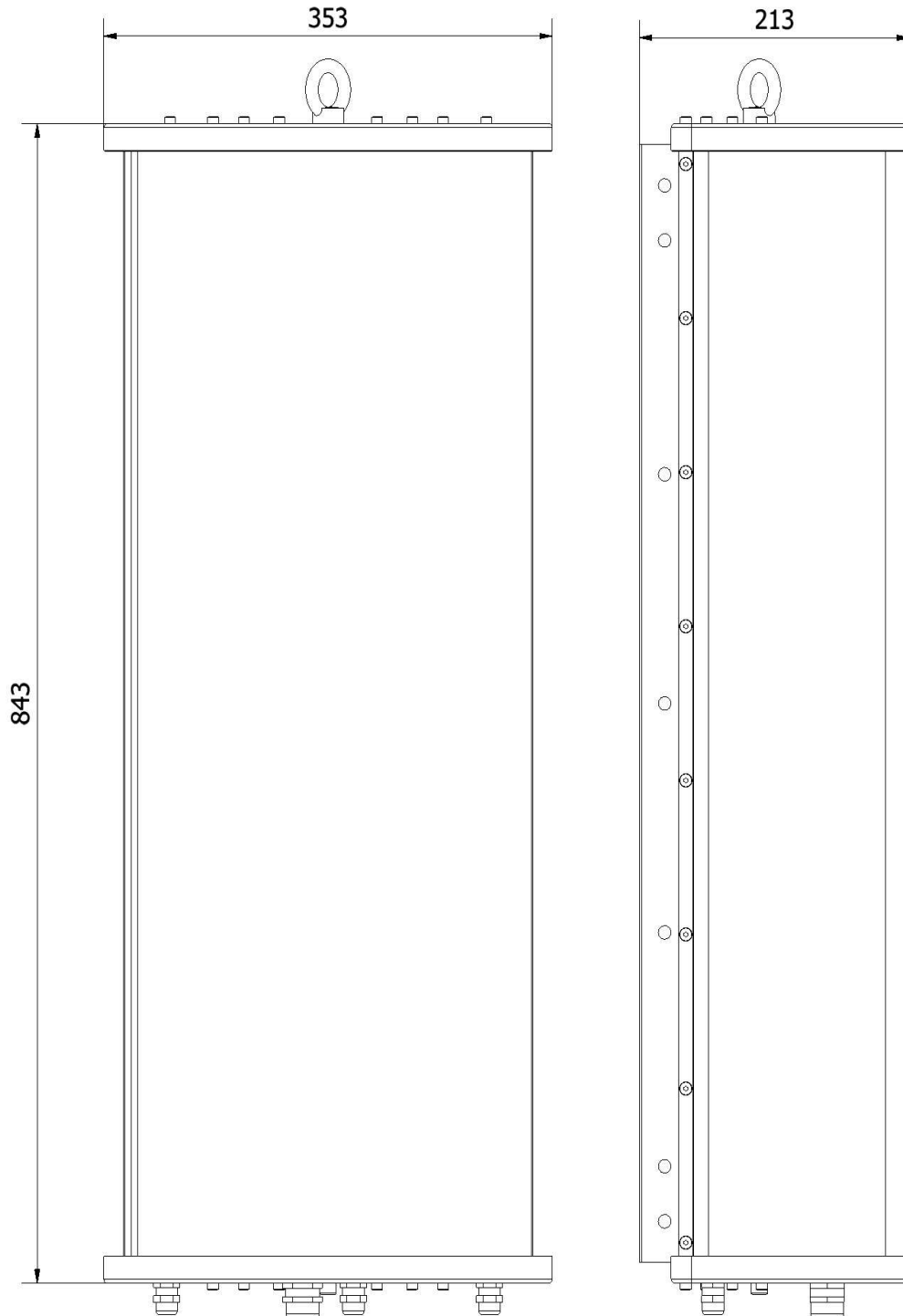
V: Mounting to vertical pipe
W: Mounting to vertical wall

Made in Finland

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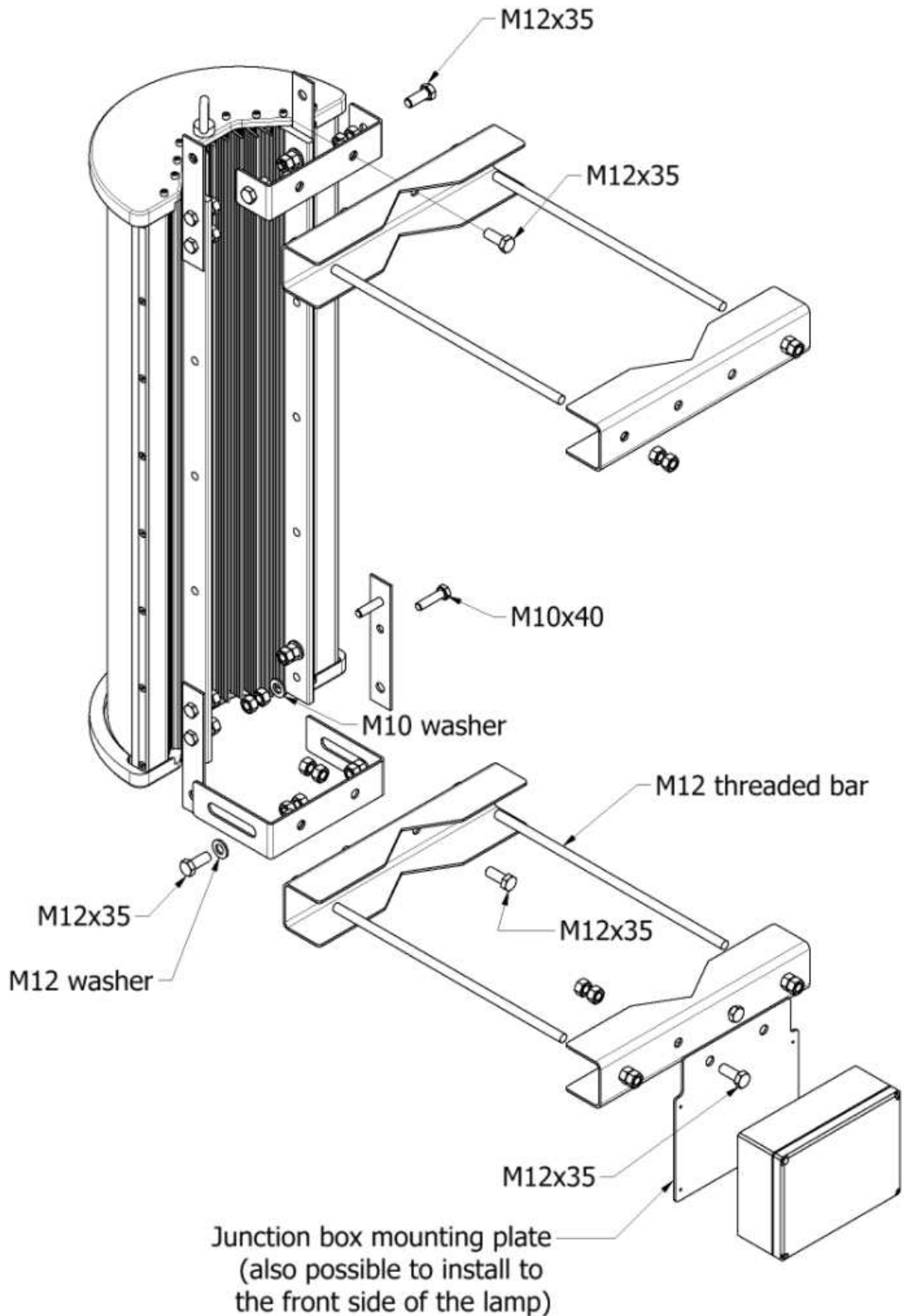
MECHANICAL DIMENSIONS



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VERTICAL MOUNTING SET



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INSTALLATION INSTRUCTIONS

Obelux HI-140KA light head is connected to light head controller, LHC, via terminal box included in light head. LHC provides light head's supply voltage and flash control with separate cables which is connected to light head's power and control cable supplied with light head.

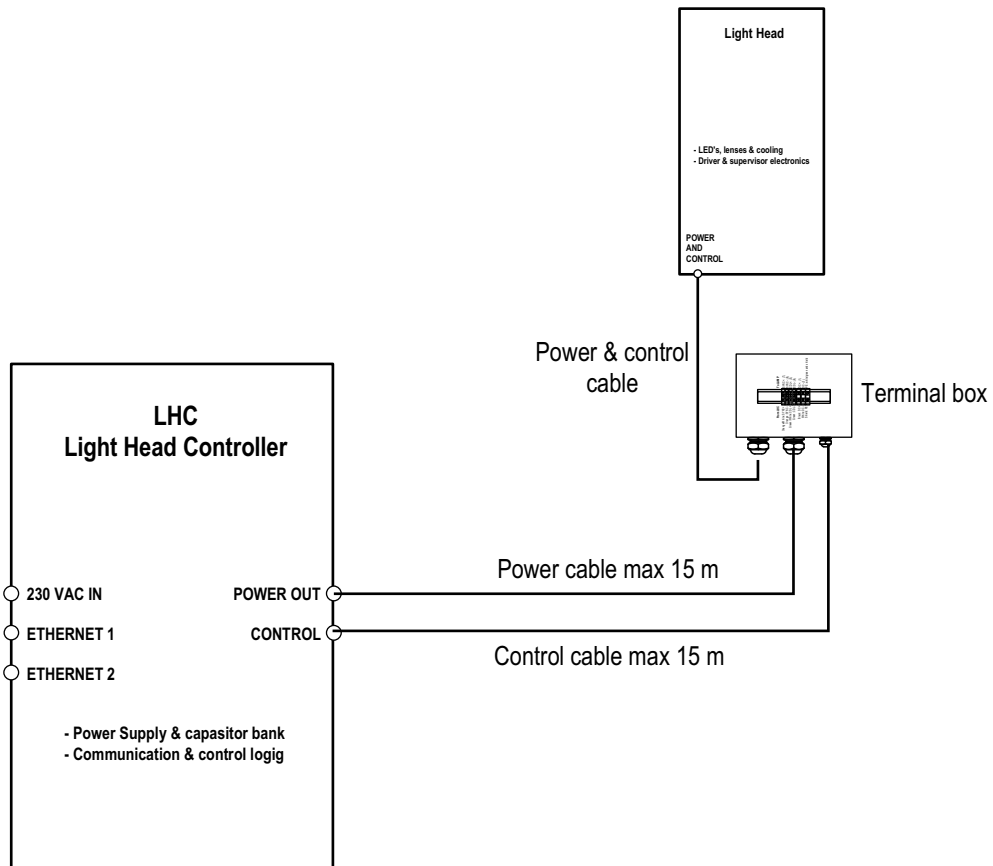
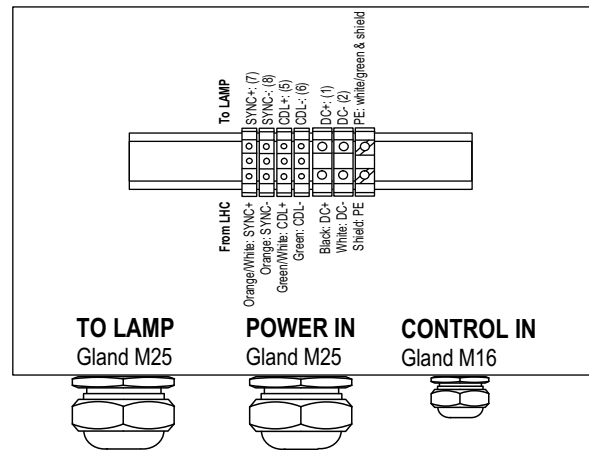
Terminal box connection instructions and cable recommendations:

To lamp
4x2,5 + 4x1mm²
1 = DC+
2 = DC-
3 = NC
ye/gr = PE
5 = CDL+
6 = CDL-
7 = SYNC+
8 = SYNC-
shield = PE

Power in
3x6mm²
bl = DC+
wh = DC-
br = NC
shield = PE

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

Light Head terminal box



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