Key features
- Based on LED-technology
- Extremely reliable - long lifetime
- Suitable for off-shore use
- Very low power consumption
- 230 V<sub>AC</sub> nominal operating voltage
- Stabilised light output
- Lightweight and small – low wind load factor
- Easy to install, several mounting sets available
- Two cable glands, easy to chain without external terminal boxes
- No RF-radiations
- Five (5) years warranty
- Patented

Benefits
- Long maintenance intervals
- Low energy cost
- Supply power voltage variations do not affect to light output
- Very low total lifetime costs
- Low wind load

Specifications met
- ICAO International Standards and Recommended Practices:
    Chapter 6: Low-intensity. Type B Fixed Obstacle Light
- FAA Advisory Circular 150/5345-43F 09/12/06 L-810 Light Unit

Optical characteristics
- Intensity better than 32.5 cd
- Colour aviation red
- Horizontal radiation pattern 360°
- Vertical radiation pattern 15°
- LED supply current stabilised by constant current generator
- Light output degradation less than 30% after 100,000 h of operation

Electrical characteristics
- Nominal operating voltage 230 V<sub>AC</sub>
- Power consumption less than 4 VA, 3 W
- Operating voltage range 210 to 270 V<sub>AC</sub>
- Over-voltage protection

Mechanical characteristics
- Anodized, marine grade aluminium body and end parts
- AISI 316 acid proof steel screws
- Colourless (clear) glass cover
- Terminal box for 1,5 - 6 mm² wires
- Degree of protection IP 65
- Operating temperature range –55°C to +55°C
- Height 210 mm, diameter 104 mm, weight 1.1 kg
- Wind load with MS-EV60 mounting kit @ 200 km/h less than 40 N

Options
- Mounting kits
- Light unit with Photocell & Flasher: Obelix LI-32-230-PCFL

Order Code: Obelix LI-32-230-F

Made in Finland

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ELECTRICAL INSTALLATION INSTRUCTIONS

Obelux LI-32-230-F has two cable glands for easy chaining without external distribution boxes

Obelux LI-32-230-F is an obstacle light utilizing LED technology. The cabling and installation principles are similar to those of conventional obstacle lights.

Connection can be protected with a 6 A or 10 A fuse or with a circuit breaker (C curve).

Installation specifications
- Cable gland: M25
- Cable diameter: 11 to 17 mm
- Wire diameter: max. 6 mm²
- Recommended cable: 3x1.5 mm² or 3x2.5 mm²

Options
- CGS-20: Smaller cable glands
  Set include 2 pcs M20 cable glands with M25-M20 adapters for 7-13 mm cables

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Mechanical dimensions

Cable Gland M25, 2pcs

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There are several types of mounting sets available as option:

**Obelux MS-HV80**
Mounting set for 33-80 mm vertical or horizontal pipe

Mounting set include:
- 2 pcs M6 U-bolt
- 8 pcs M6 hex nut
- 4 pcs 6/12 mm washer

All parts AISI 316 acid proof steel
More detailed mechanical data: MS-HV80 datasheet

Order Code: **MS-HV80**

**Obelux MS-EV60**
Mounting set with extension plate
for 30-60 mm vertical pipe installation

Mounting set include:
- 2 pcs M8 U-bolt, 8 pcs M8 hex nut
- 4 pcs M6x30 bolt, 8 pcs M6 hex nut, 4 pcs 6/12 washer
- 1 pcs extension plate

Extension plate marine grade anodized aluminium,
other parts AISI 316 acid proof steel
More detailed mechanical data: MS-EV60 datasheet

Order Code: **MS-EV60**

**Obelux MS-EV100**:
Mounting set with extension plate
for 60-100 mm vertical pipe installation

Mounting set include:
- 2 pcs M8 U-bolt, 8 pcs M8 hex nut
- 4 pcs M6x30 bolt, 8 pcs M6 hex nut, 4 pcs 6/12 washer
- 1 pcs extension plate

Extension plate marine grade anodized aluminium,
other parts AISI 316 acid proof steel
More detailed mechanical data: MS-EV100 datasheet

Order Code: **MS-EV100**
Obelix MS-EV150:
Mounting set with extension plate
for 100-150 mm vertical pipe installation

Mounting set include:
- 2 pcs M8 U-bolt, 8 pcs M8 hex nut
- 4 pcs M6x30 bolt, 8 pcs M6 hex nut, 4 pcs 6/12 washer
- 1 pcs extension plate

Extension plate hot dipped galvanised steel,
other parts AISI 316 acid proof steel
More detailed mechanical data: MS-EV150 datasheet

Order Code: MS-EV150

Obelix MS-DEV60:
Double mounting set with extension plate
for 30-60 mm vertical pipe installation

Mounting set include:
- 2 pcs M8 U-bolt, 8 pcs M8 hex nut
- 8 pcs M6x30 bolt, 16 pcs M6 hex nut, 8 pcs 6/12 washer
- 1 pcs extension plate

Extension plate marine grade anodised aluminium,
other parts AISI 316 acid proof steel
More detailed mechanical data: MS-DEV60 datasheet

Order Code: MS-DEV60

Obelix MS-DEV100:
Double mounting set with extension plate
for 60-100 mm vertical pipe installation

Mounting set include:
- 2 pcs M8 U-bolt, 8 pcs M8 hex nut
- 8 pcs M6x30 bolt, 16 pcs M6 hex nut, 8 pcs 6/12 washer
- 1 pcs extension plate

Extension plate marine grade anodised aluminium,
other parts AISI 316 acid proof steel
More detailed mechanical data: MS-DEV100 datasheet

Order Code: MS-DEV100

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Obelux MS-RW
Mounting set for horizontal plate or wall installation

Mounting set include:
- 4 pcs M6x30 bolt, 8 pcs M6 hex nut, 4 pcs 6/12 washer
- 1 pcs L-shape 2 mm plate

All parts AISI 316 acid proof steel
More detailed mechanical data: MS-RW datasheet

Order Code: MS-RW

Obelux MS-LVU
Mounting set for L and V-shape profiles

Mounting set include:
- 1 set accessories for light unit fitting to plate
- 1 pcs extension plate with adjusting plate and accessories

Extension plate hot dip galvanized steel, other parts AISI 316 acid proof steel
More detailed mechanical data: MS-LVU datasheet

Order Code: MS-LVU (with galvanized extension plate)
            MS-LVA (with AISI 316 extension plate)

Obelux MS-N1B
Mounting set for 1" NPT at bottom
More detailed mechanical dimensions: MS-N1B datasheet

Order Code: MS-N1B

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