



## Medium Intensity Red 2,000cd Light

230VAC - LED Aircraft Warning Light  
ICAO Type B & C. FAA L-864 & L-885  
**CEL-MI-2KR-230-A** - StandAlone / Modbus

Medium-Intensity stand-alone 2,000cd RED model is designed for compliant aviation safeguarding of tall vertical structures such as tall buildings, broadcasting masts, radar towers, air traffic control towers, meteorological masts and wind turbines.

The product offers unique features such as incorporated fault monitoring, photocell, GPS synchronisation, and it supports both stand-alone and Modbus operation as a part of CEL aviation light system network.

### Key features

- 2,000cd (effective) RED fixed or flashing
- Extremely reliable - long lifetime
- Supports both stand-alone and Modbus operations
- Suitable for Offshore environment
- Incorporated GPS synchronisation
- Adjustable luminous output levels 10%, 30%, and 100%
- Incorporated photocell and fault monitoring
- Design lifetime more than 20 years
- 5-year warranty- the longest in the industry

### Specifications met

- ICAO International Standards and Recommended Practices: Aerodromes Annex 14 Volume 1, 6th Edition, July 2013,
- Chapter 6: Medium-intensity, Type C Fixed Obstacle Light
- FAA Advisory Circular 150/534543F 09/12/06: L-864 and L-885 light unit

### Optical characteristics

- 2 000cd (effective)
- Colour aviation RED
- NVG compliant infrared (850nm) as an option
- Horizontal beam 360°
- Vertical beam 3°
- Maximum intensity at -1° is less than 1 125cd
- Maximum intensity at -10° is less than 75cd

### Electrical characteristics

- Operating voltage 90-265VAC
- Constant power input by active PFC
- Flash rates: 20/30/40/60 fpm
- Meets standards  
EMC (Emissions): EN 61000-6-4  
EMC (Immunity): EN 61000-6-2



### Electrical characteristics - continued

- Power consumption
  - 17W @ Night (RED, 40 fpm)
  - 20W @ Night (RED+IR, 40 fpm)
  - 25W @ Night (RED, fixed)
  - 30W @ Night (RED+IR, fixed)
- Recommended cables (Outdoor):
  - Power (L-N-PE): 3x1,5mm or 3x2,5mm
  - Data: CAT 7
  - Alarm: CAT 7, 3x1,5mm or 3x2,5mm
  - Power + Data: 6x1,5mm or 6x2,5mm
- Terminals can be used to distribute power and data to other light heads (6 core cable must be used).

### Mechanical characteristics

- Painted marine grade aluminium body (C5MHigh)
- Glass cover
- Degree of protection IP66
- Operating temperature range -40...+55 °C
- Mounting 240x240mm, 17
- Height 333 mm, diameter 270 mm
- Weight 11 kg

### Additional Factory-Installed Options

- Cold-climate version (CCV)
- NVG compliant infrared (IR)



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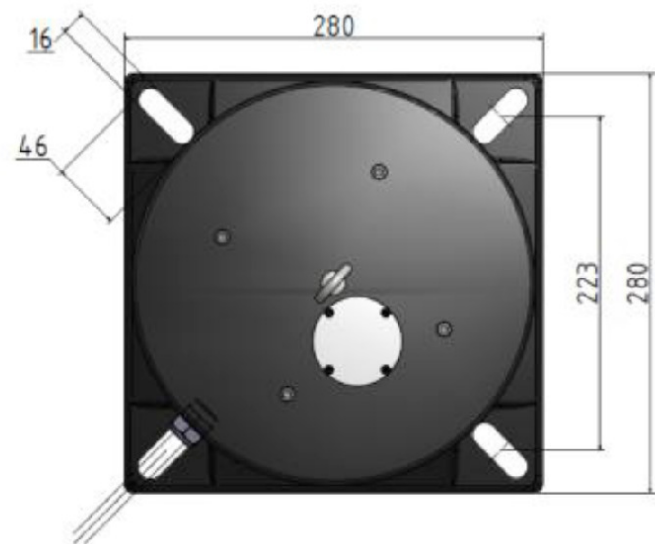
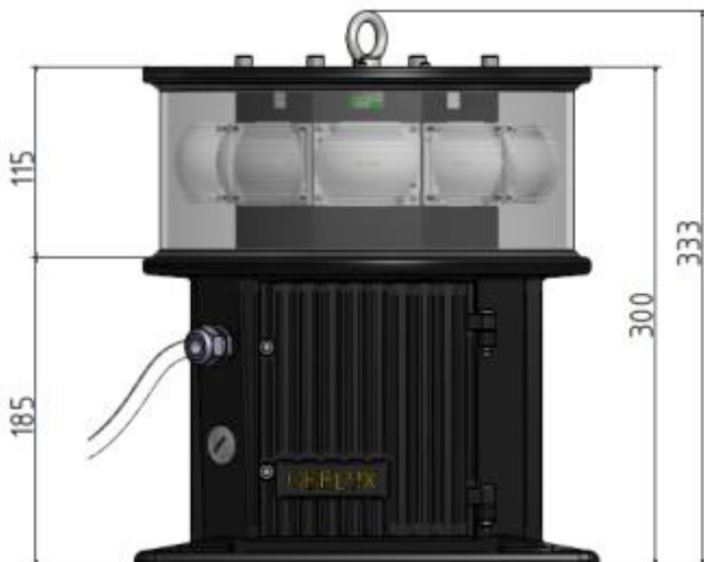
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### CEL-MI-2KR-230-A

Light unit with physical and mounting dimensions



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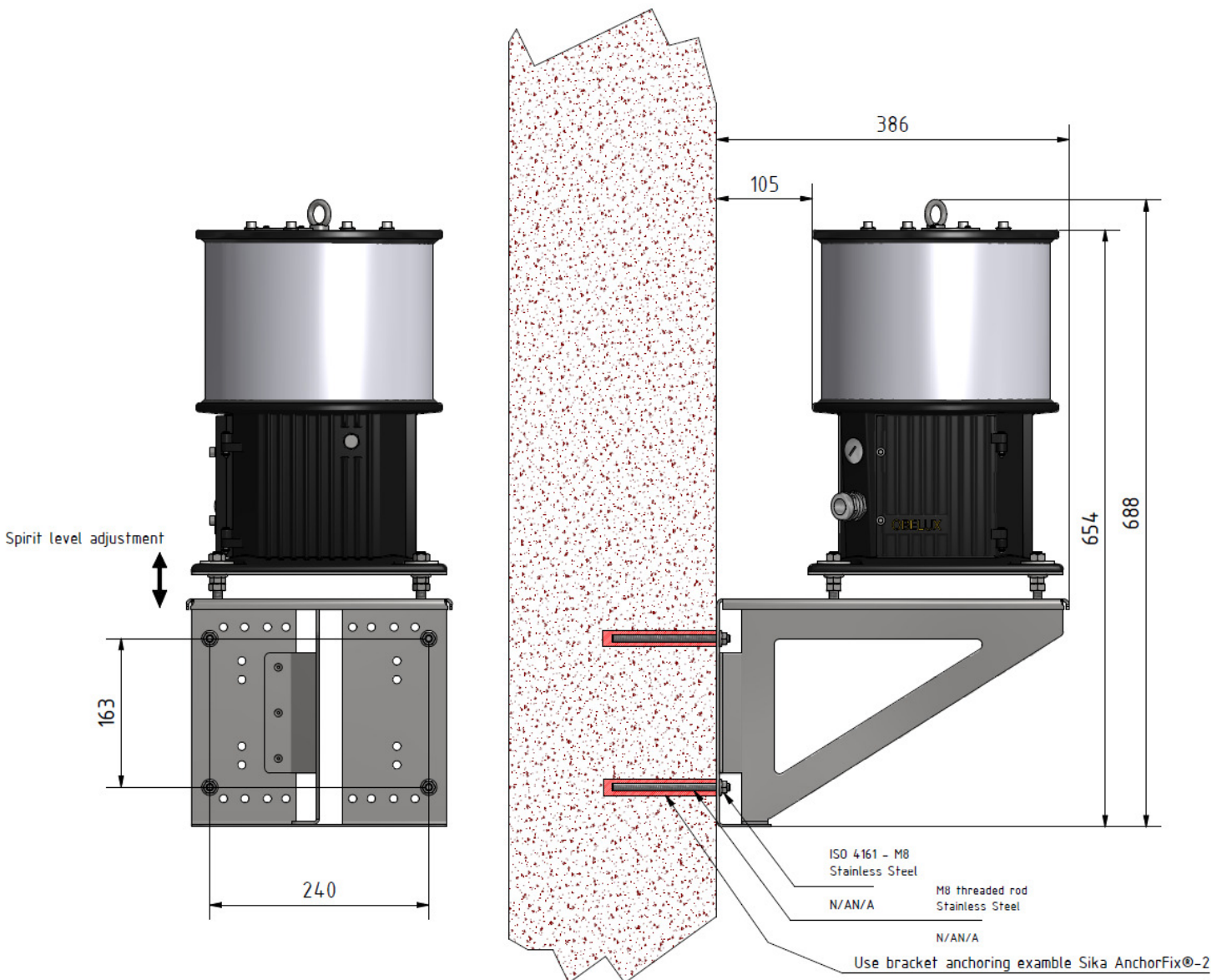
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**CEL-MI-2KR-230-A** - StandAlone / Modbus

## Mounting Sets for Wall Mounting

CEL-MS-MIV1001 - AISI304 Stainless Steel

CEL-MS-MIV1002 - AISI316 Stainless Steel



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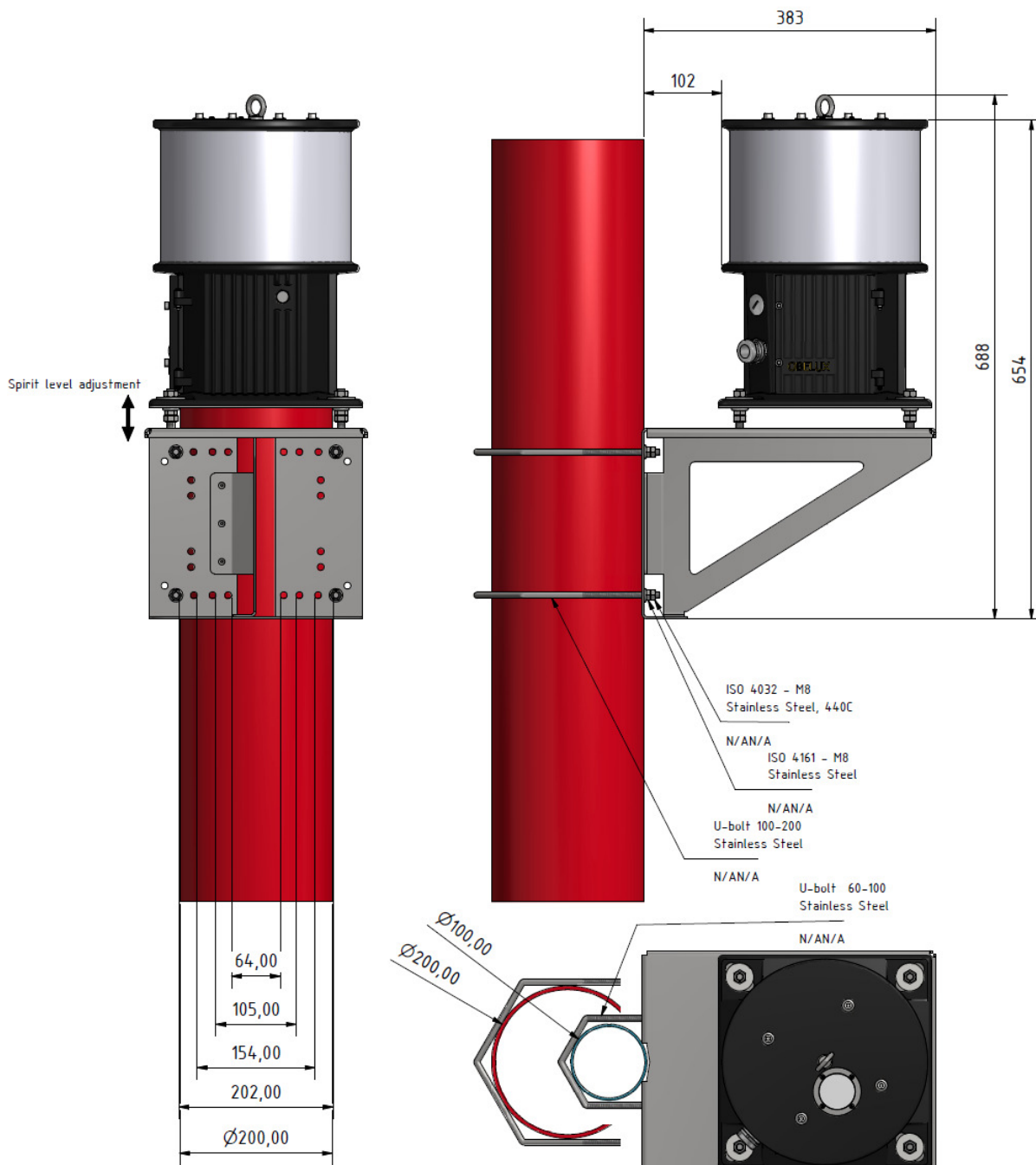
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**CEL-MI-2KR-230-A** - StandAlone / Modbus

## Mounting Sets for Pole Mounting

CEL-MS-MIV1001 - AISI304 Stainless Steel

CEL-MS-MIV1002 - AISI316 Stainless Steel



Mounting for (60)-200mm d vertical tube and 60-100mm d horizontal tube.