



## Medium Intensity White/Red 20,000cd Light 230VAC - LED Aircraft Warning Light ICAO Type A, B & C. FAA Compliant CEL-MID-ACWGAM - StandAlone / MODBUS

Medium-Intensity stand-alone 20,000cd White and Red model is designed for tall buildings, wind turbines 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 CEL aviation light system network.

### Key features

- 20,000cd (effective) WHITE flashing, 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 A, B/C Fixed Obstacle Light
- FAA Advisory Circular AC 150/5345-43G:
- FAA L-865+L-864, F-866+L-885

### Optical characteristics

- 20 000 / 2 000cd (effective)
- Colour aviation WHITE and RED
- NVG compliant infrared (850nm) as an option
- Horizontal beam 360°
- Vertical beam 3°
- Maximum intensity at -1° is less than 11 250cd (WHITE), 1125cd (RED)
- Maximum intensity at -10° is less than 750cd (WHITE), 75cd (RED)

### 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



CEL-MID-ACWGAM

### Power Consumption

- 19W @ day (WHITE, 40fpm)
- 4W @ night (WHITE, 40fpm)
- 5.5W @ night (WHITE+IR, 40fpm)
- 17W @ night (RED, 40fpm)
- 20W @ night (RED+IR, 40fpm)
- 25W @ night (RED, fixed)
- 30W @ night (RED+IR)

### Recommended Cables (Outdoor):

- Power (L-N-PE): 3 x 1.5mm or 3 x 2.5mm
- Data: CAT 6
- Alarm CAT 6 , 3 x 1.5mm or 3 x 2.5mm
- Power + Alarm: 6 x 1.5mm or 6 x 2.5mm

- Terminals can be used to distribute power and data to another light head (6 core cable must be used)



**OPERATING VOLTAGE**  
**230 VAC**



**CAUTION ! LED RADIATION**  
DO NOT STARE INTO LED BEAM OR VIEW  
DIRECTLY WITH OPTICAL INSTRUMENTS.  
CLASS 2A LED PRODUCT

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# Medium Intensity White/Red 20,000cd Light

## 230VAC - LED Aircraft Warning Light

### ICAO Type A, B & C. FAA Compliant

### CEL-MID-ACWGAM - StandAlone / MODBUS

#### Mechanical characteristics

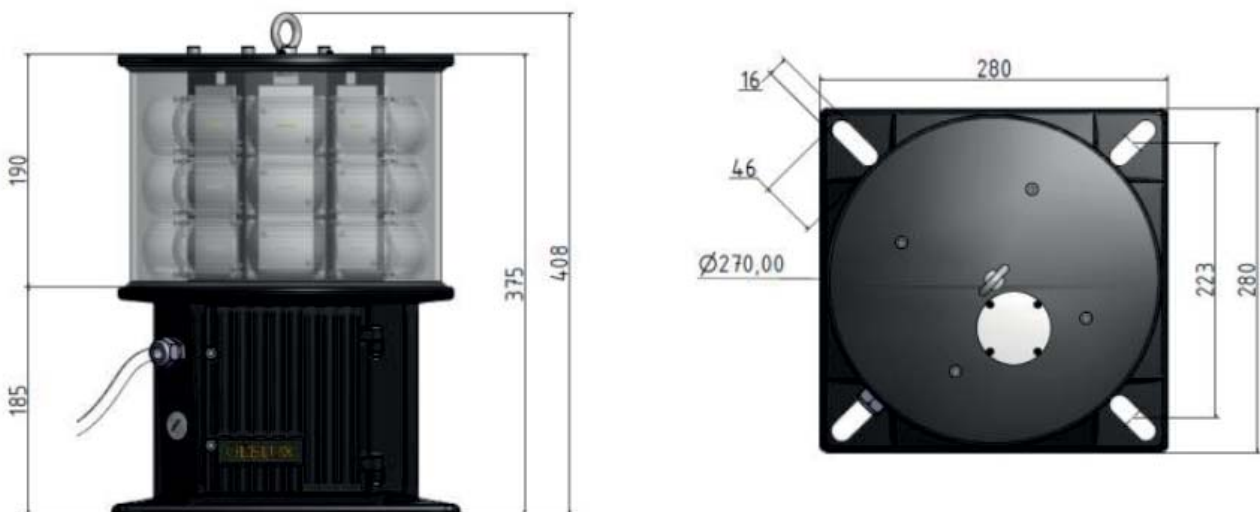
- Painted marine grade aluminium body (C5MHigh)
- Glass cover
- Degree of protection IP66
- Operating temperature range -40...+55 °C
- Mounting 240x240mm, Ø17
- Height 408 mm, diameter 270 mm
- Weight 14 kg

#### Additional Factory-Installed Options

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

#### CEL-MID-ACWGAM

Light unit with mounting dimensions



#### MID Versions

CEL-MID-ACWGAM	Medium-intensity Type A + B/C obstruction light, 20.000cd White and 2 000cd Red, GPS synch., photocell, Alarm, 100-240VAC (50/60Hz). Supports stand-alone and Modbus operation.
CEL-MID-ACWIRGAM	Medium-intensity Type A + B/C obstruction light, 20.000cd White and 2 000cd Red, infrared, GPS synch., photocell, Alarm, 100-240VAC (50/60Hz). Supports stand-alone and Modbus operation.
CEL-MID-ACWCCVGAM	Medium-intensity Type A + B/C obstruction light, 20.000cd White and 2 000cd Red, CCV, GPS synch., photocell, Alarm, 100-240VAC (50/60Hz). Supports stand-alone and Modbus operation.
CEL-MID-ACWCCVIRGAM	Medium-intensity Type A + B/C obstruction light, 20.000cd White and 2 000cd Red, CCV, infrared, GPS synch., photocell, Alarm, 100-240VAC (50/60Hz). Supports stand-alone and Modbus operation.