FARLIGHT

FAR-200
LOW INTENSITY AIRCRAFT OBSTRUCTION LIGHT (DC Version)

The FAR-200 low intensity obstruction light is designed for regions with higher aviation standards than ICAO, and is ideal for foggy or smog-prone environments.

Equipped with 16 ultra-bright OSRAM LEDs and a novel convex lens, it delivers exceptional photometric performance, exceeding both ICAO and FAA low intensity requirements.

With effective intensity over 100 cd and peak intensity exceeding 200 cd, it's suitable for structures below 45 metres in height.

Features

- **16 × 1 W OSRAM LEDs — high-efficiency, long-life light source**
- **Convex optical lens for superior photometric performance**
- **Effective intensity: >100 cd Peak intensity: >200 cd**
- **Integrated LED driver and constant-current regulator for stable illumination**
- **Vibration-resistant PCB module (superior to E27 type construction)**
- **UV-stabilized GE polycarbonate lens**
- **Powder-coated aluminium base — corrosion-resistant and durable**
- **Protective vent to equalize pressure and prevent condensation**
- **Built-in 20 kA surge protection against induction lightning strikes**
- **Optional configurations: built-in photocell, alarm relay, flasher, or GPS sync**
- **NVG-compatible (IR or Red/IR dual LED options)**
- **Carrying handle for easy lifting and deployment**
- **Electrical protections: reverse polarity, over-voltage, and short-circuit**
- **Ingress protection: IP67 waterproof rating**

Compliance

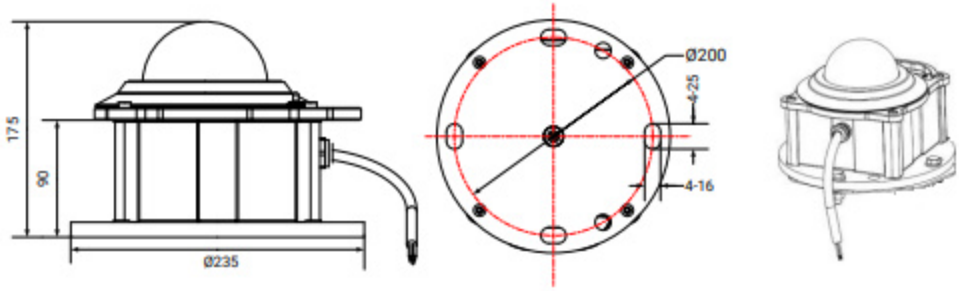
AUSTRALIA
CASA MOS Part 139

UNITED KINGDOM
CAP 168 Low Intensity Obstacle (Group B)

ICAO
Annex 14 Vol I (July 2016) Low Intensity Type A, B & E

FAA
L-810/L-810F - AC No. 150/5345-43F

DGAAC Mexico
Certified



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FARLIGHT

FAR-200

LOW INTENSITY AIRCRAFT OBSTRUCTION LIGHT (DC Version)

Applications

- Telecommunication Towers
- TV / Radio Broadcast Towers
- Transmission & Power Towers
- Industrial Chimneys & Cooling Towers
- Wind Turbines
- Airfields & Helipads
- Storage Tanks & Water Towers
- Oil & Gas Offshore Platforms
- Bridges
- Tower Cranes
- High-Rise Buildings

Specifications

Effective Intensity	>100cd (Peak intensity >200cd)
Vertical Beam	>10°
Horizontal Spread	360°
Light Source	OSRAM LEDs
LED Color	Red
LED Lifespan	100,000 Hours
Operation / Flash Pattern	Steady
Input Voltage	48VDC / 24VDC / 12VDC
Power Consumption	12W
Lens	Polycarbonate, UV Stabilized
Body	Aviation yellow powder-coated extruding aluminum
Mounting	Four 16×25mm slot holes on bottom 200mm PCD
Net Weight	4 kg
Dimension (W×H)	235mm × 175mm
Protection	IP67
Operation Temperature	-40°C ~ +70°C
Operation Humidity	0–95% RH non-condensing
Wind Resistance	Max. 240 kph
Built-in Photocell	Included
Warranty	5 Years

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