

BATTERY-OPERATED

Medium-Intensity Type B

ICAO Medium-Intensity 2000cd, Type B
FAA-L864
Infrared 850nm

OBELUX
AVIATION LIGHTS

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Optical Characteristics:

Medium-Intensity

- ▶ 2 000 cd flashing, 20/30/40 fpm
- ▶ Configurable to 200 cd
- ▶ Colour aviation RED
- ▶ NVG compliant infrared (850nm)
- ▶ Horizontal beam 360°
- ▶ Vertical beam > 3°

Low-Intensity

- ▶ Horizontal beam 360°
- ▶ Vertical beam >10°
- ▶ Infrared 850nm

Specifications met

ICAO International Standards and Recommended Practices:

Aerodromes Annex 14 Volume 1,
9th Edition, July 2022, Chapter 6:

Medium-intensity:

Type B

Low intensity:

Type A

Type B

Type E

FAA Advisory Circular (3/11/2019)
AC 150/5345-43J:

L-864

L-810F

Medium Intensity 2000 cd



Medium-Intensity and Low-Intensity Red Obstruction Light

LED Aviation Obstruction Lights

Obelux medium-intensity stand-alone red 2 000 cd model is used for marking tall structures, such as wind turbines, transmission masts, chimneys, broadcast masts, bridges, etc. It is designed for demanding offshore conditions, for instance for use in offshore wind turbines. The product offers unique standalone features such as infrared, photocell, and GPS synchronization. Remote monitoring features optional through modem 4LTG Obelux aviation light system network.

Key Features

- ▶ Based on LED technology
- ▶ 2 000 cd RED flashing (configurable to 200 cd)
- ▶ Low intensity 10cd and 32cd
- ▶ Up to 38 days of autonomous operation
- ▶ Offshore-ready design
- ▶ Suitable for Offshore environment
- ▶ Incorporated GPS, photocell
- ▶ Li-ion battery bank integrated in the Lig
- ▶ Obstruction light - 5-year warranty (excluding batteries)
- ▶ Optional remote connectivity

Electrical Characteristics

- ▶ Internal Batteries
- ▶ Li-Ion battery chemistry
- ▶ Each battery cell has own internal protection (OV, UV, OT, SC)
- ▶ The battery bank is additionally protected and monitored by BMS (battery management system)

Mechanical Characteristics

- ▶ Polycarbonate body
- ▶ Polycarbonate transparent dome
- ▶ Degree of protection IP65, Ventilation IP45

Order code	Output cd	ICAO MI LI	Operating Time (days) Photocell ON	GPS	Infrared	Photocell	Fault monitoring
MI-LI-IR-P	2 000	Type B	38 d (20 fpm)	Yes	Yes	Yes	Optional
	32cd	Type B	46 d	Yes	Yes	Yes	Optional

Optional: Modem 4LTG Obelux aviation light system network.

Note that the table lists autonomy days as 12h on and 12h off for LED output during photocell mode at +25°C ambient temperature