

MIOL-2000 Red LED
Medium Intensity Type B Beacon



Manufacture follow:

- ICAO Annex 14, Volume I, 6th Edition, July, 2013
- ICAO Aerodromes Design Manual, Chapter 18
- FAA AC150/5345-43G
- FAA Engineering Brief 67 Specifications

Applications:

- ICAO medium intensity type B
- ICAO medium intensity type C
- FAA L-864 type

Advantages:

- Fully sealed, no anhydrous steam&water going inside.
- Multiple installation options of base available.
- Portable and lightweight, easy transportation.
- Fixture can be used with 85V~265V AC, 50Hz or 60Hz.
- LED low power consumption 15 Watts average.
- Internal single chip computer control smart and reliable.
- Surge protection device integrated in the light.
- GPS synchronized flashing.

Technical Features:

- Operation voltage:85V~265V AC,50HZ/60HZ.
- Lamp:100,000 hours high quality LED.
- FPM:20 to 60 flashes/per minute, 30 fpm default.
- Synchronized: GPS built-in.
- Color:Red.
- Flash/Fixed:Both available adjustable.
- Output:360° horizontal; 4° vertical.
- Photo sensor:100Lux
- Lighting protection level:10KA
- Housing: casting aluminum&PC lens cover.
- Finish: UV stablized spraying plastic.
- Overall size: φ18cm×13cm.
- Mounting size: see next pages.
- IP rating: IP65.
- Net Weight: 1.5KG(without base type).
- Operating: -40°C to 60 °C.
- Wind speed: 80m/s.



*code:MIOL2000-F-40-AC-GPS-WB

The MIOL series obstruction beacon utilizes state-of-the-art optical design to achieve smaller and portable shapes, better efficient and lower consumption. Its robust will provide years of maintenance free service. It will be the user's best choice to protect their benefits.

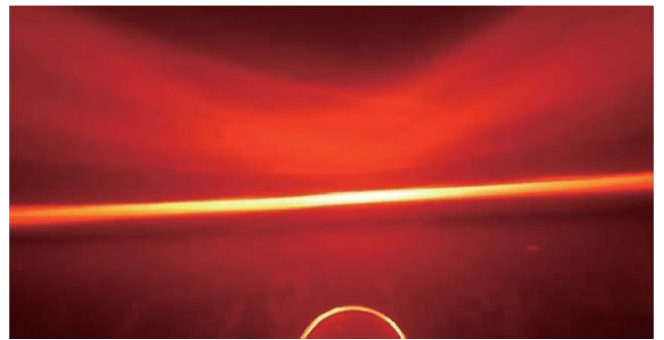
It is used increase conspicuity of structures or obstructions during nighttime.

Widely used in any obstruction like high-rise buildings, chimney, telecom towers, transimission power towers, airports,wind turbines and crane machines.

Optical:

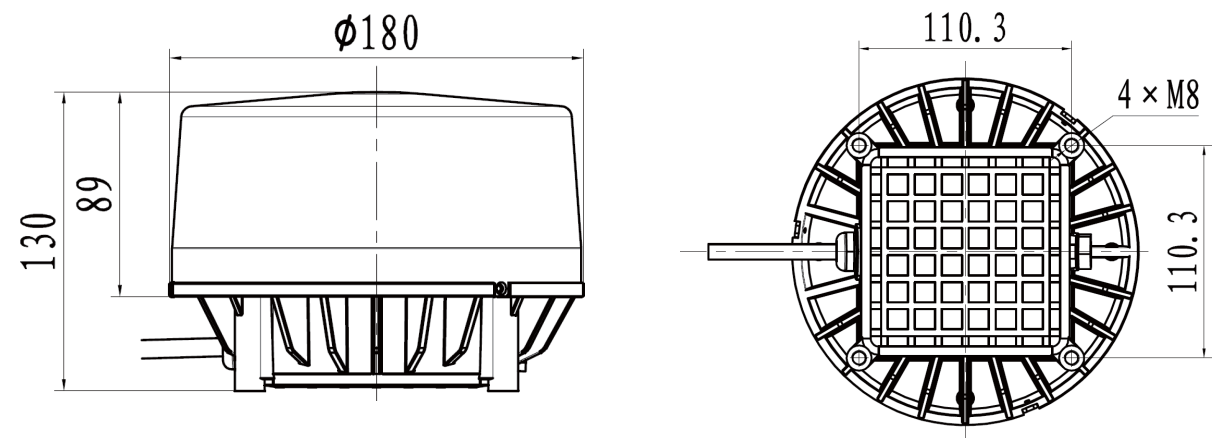
Vertical Deg.	Reached
0° average minimum	2000cd
(360° all radials horizontal)	
0° minimum	1500cd
-1° minimum	750cd
Vertical beam spread angle&light intensity min.	750cd at 3°

OBSTRUCTION LIGHTING

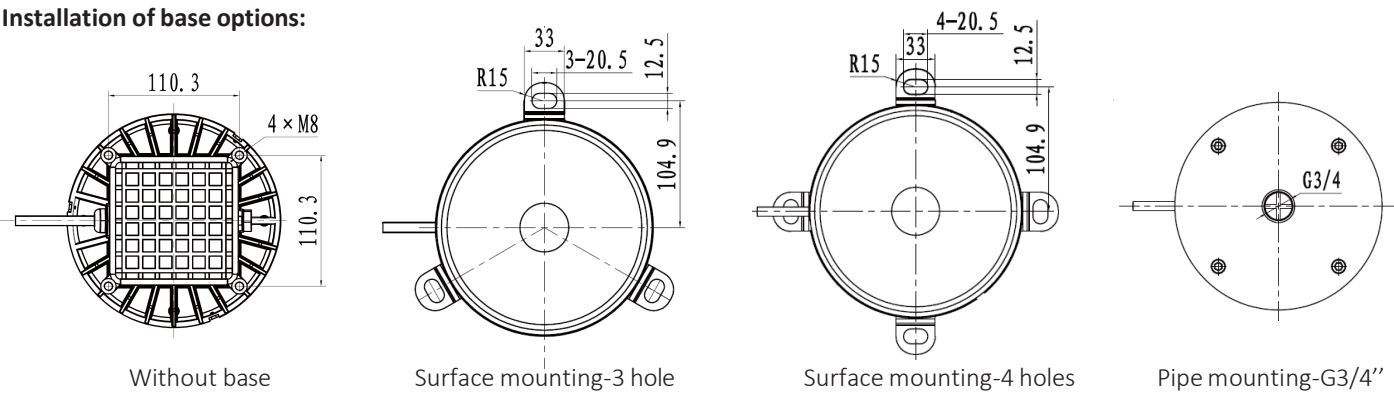


OBSTRUCTION LIGHTING

General Dimensions



Installation of base options:



Ordering Code:

Type	Flash	FPM ¹	Lamp	Synchronized Method	Installation options
MIOL 2000	F: Flashing NF ²	30 40 60	AC: 85/265V DC: 12/65V	GPS	WB: without base SM3: surface mounting with 3 holes SM4: surface mounting with 4 holes PM: Pipe mounting G3/4''

¹ FPM: Flashes per minute, default 30 fpm in factory. Adjustable fpm inside lamp, other fpm setting before ordering.

² NF: No Flashes.