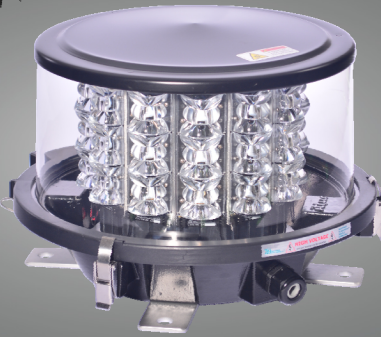


# IFH-1700-0IR

Medium Intensity

Type L-864(L), Red LED Beacon with Infrared (IR)

WHERE ENGINEERING  
MEETS PASSION.™



IFH-1700-0IR

## DESCRIPTION

The **IFH-1700-0IR** utilizes **Infrared Emitters, LED** technology and advanced optics to achieve a compact, energy efficient, L-864(L) medium intensity red beacon. The IFH-1700-0IR comes ready for installation with a 10 foot cable attached. Designed for durability, the IFH-1700-0IR has an aluminum top and base and clear acrylic cover. The IFH-1700-0IR is designed for long term maintainability with field replaceable LED boards, power supply board, and light engine.

## Features

- Designed as a energy efficient replacement to 300mm incandescent beacons.
- Durable design uses aluminum top and base and clear acrylic cover.
- All metal parts are stainless steel or aluminum to resist corrosion.
- Meets or exceeds EMI/RFI standards for the industry.
- Universal power input.
- Industry standard mounting hole footprint.
- Modular, maintainable design.
- Field replaceable components include:
  - LED Light Engine
  - LED Boards
  - Power Supply board
- External RLC-201L controller required.

## Specifications

|                  |   |
|------------------|---|
| Specifications:  | Complies with FAA AC150/5345-43H, Type L-864(L) and Engineering Brief 67.<br>Requires RLC-201L-000 Controller (Sold separately).  |
| Temperature:     | -40°C to +55°C  |
| Humidity:        | Less than 95%, non-condensing   |
| Night Intensity: | 2,000 ±25% effective candelas   |
| Beam Pattern:    | 360° Horizontal, ≥3° Vertical   |
| Dimensions:      | Height: 11" (27.7cm), Diameter: 16.5" (42cm)  |
| Weight:          | 28lbs (13Kg)  |
| Suppression:     | 80 Joule, 150V, MOVs and 600V Gas Tube  |
| Input Power:     | 120 to 240 Vac, 50 or 60 Hz,<br>23W <sup>1</sup> average power, night mode.<br>13W <sup>1</sup> average power over 24 hours <sup>2</sup> .<br>(Note 1: At 25°C, 120Vac)<br>(Note 2: 12 Hours night mode, 12 Hours day mode) |

Night Vision Goggles (NVG) and Aviator's Night Vision Imaging Systems (ANVIS) translate infrared energy (IR) into brightness variations on a human visible display. These systems utilize various filters and technology that affect their sensitivity to infrared energy (IR) of different wavelengths. International Tower Lighting, LLC (ITL) makes no claim or representation that the infrared energy (IR) emitted by ITL obstruction lights is visible to any NVG, ANVIS or other night vision imaging system. In no event shall International Tower Lighting, LLC (ITL) or any of its representatives be liable for any damages, including, without limitation, direct, consequential, indirect, punitive, incidental or special damages, in connection with the infrared energy (IR) emitted by ITL obstruction lights and/or whether any NVG or ANVIS can detect such Infrared energy (IR) or whether the infrared energy (IR) emitted by ITL obstruction lights is visible to any NVG, ANVIS or other night vision imaging system, regardless of the form of action.

