MKR-LTG1-0IR

L-810(L) LED Obstruction Light with Infrared (IR)

The **MKR-LTG1-0IR Single Obstruction Light** integrates visible **Red LEDs** and **Infrared LEDs** into a single L-810(L). Infrared energy (IR) can enhance compatibility with Night Aviator's Vision Imaging Systems (ANVIS) and Night Vision Goggles (NVG). Precision molded Fresnel Optics produce a low ground scatter tower lighting solution. The **die cast aluminum base** provides 3/4 inch conduit hubs for side or bottom mounting. Multiple 9 kA MOVs and a 20 kA gas plasma discharge tube provide robust surge suppression.

Features

- Integrated Infrared Emitters can enhance compatibility with Aviator's Night Vision Imaging Systems (ANVIS) and Night Vision Goggles (NVG).
- Rugged die cast aluminum base.
- Stainless steel latches and hardware.
- 3/4 inch conduit entrance, side and bottom hubs.
- Modular replaceable power supply.
- Power supply operates from 100 to 240 VAC, 50/60 Hz
- Power Factor Corrected (PFC), PF ≥0.9 @ 120 VAC
- Double obstruction light version available, ITL part number MKR-LTG2-0IR.

Specifications

Compliance:	ETL Certified to AC150/5345-43, Type L-810 (L)/L-810F (L), TVOC Transport Canada CAR 621
Intensity:	32.5 effective candelas (min.), Red 4 mW/sr (min), 800-900 nm, Infrared
Height:	7.5 Inches (19.1 cm)
Width:	5.4 Inches (13.7 cm)
Weight:	2.0 lbs. (0.9 kg)
Power:	100 to 240 VAC, 50 / 60 Hz, 7 W
Temperature:	-40 °C to +55 °C
Humidity:	less than 95%, non-condensing

Transport Canada

Intertek

Note: 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. SPX Aids to Navigation, LLC (SPX AtoN) 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 SPX Aids to Navigation, LLC (SPX AtoN) 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.