



OLF 2RH LED with Motion Occupancy Security Floodlight

Catalog
Number

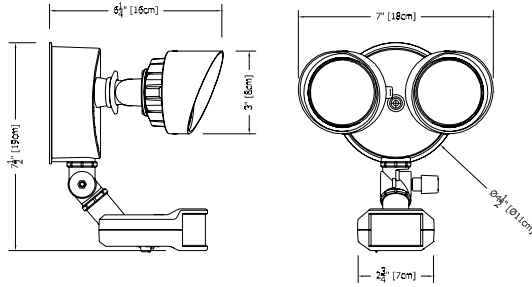
Notes

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Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

Width:	7.00" (17.8 cm)
Height:	7.5" (19.1 cm)
Depth:	6.25" (15.9 cm)
Weight:	1.5 lbs. (0.68 kg)



Introduction

The OLF 2RH LED security floodlight featuring motion occupancy technology, combines powerful LED security lighting with motion response light-on-detection. Features include 180 degree range/70ft forward detection, built-in photocell to prevent daylight operation, sensor sensitivity adjustment and a test/time switch to adjust duration lights stay illuminated.

Delivering 2,160 lumens, at only 25 input watts, OLF 2RH replaces up to (2) 90W PAR incandescent lamps offering 86% energy savings. Motion Occupancy (MO) combined with enhanced design features and breadth of options make the OLF family the best choice for residential and commercial applications that require reliable security lighting.

Ordering Information

EXAMPLE: OLF 2RH 40K 120 MO BZ

OLF					
Series	Number of heads	Color Temperature ¹	Voltage	Control	Finish
OLF	2RH 2 heads, round	40K 4000K ¹	120 120 volts	MO PIR motion detection with photocell	BZ Bronze WH White

Complete list of configurations available:

OLF 2RH 40K 120 MO BZ
OLF 2RH 40K 120 MO WH

NOTES

- Correlated color temperature (CCT) shown is nominal per ANSI C78, 377-2008.
- LED lifespan based on IESNA LM-80-08 results and calculated per IESNA TM-21-11 methodology.

FEATURES & SPECIFICATIONS

INTENDED USE

25 watt LED wall or ceiling mount security floodlight delivers 2,160 lumens for an energy-efficient replacement of (2) 90W incandescent security lights. The OLF LED provides years of maintenance-free general illumination for outdoor applications. OLF 2RH with option MO turns LED's on when occupants in the space are detected. Ideal for entrances, walkways, corridors, yards, driveways and patios.

CONSTRUCTION

Rugged cast-aluminum, corrosion-resistant housing with dark bronze or white polyester powder paint for lasting durability. Motion sensor features corrosion resistant thermo-plastic housing. LED lamp heads are thermally isolated from the driver that is located in the rear housing, promoting a long service life. Lenses are sealed to keep out moisture, dirt and bugs. LEDs maintain 70% of light output at 50,000 hours of service life².

ELECTRICAL

Consumes 25 input watts utilizing 120V 60Hz driver. The OMS1000 motion detection head controls turning LED's on/off when occupancy is detected within the space. Detection range is 180 degrees at 70ft forward detection. A built-in photocell is included to prevent daylight

operation. See diagram and installation instructions for more information. Rated for outdoor installations, -40°C minimum ambient.

INSTALLATION

Mounts to a recessed junction box on wall or ceiling. Crossbar and hardware provided. Wet location listed for mounting 4 feet above ground. Tool-less adjustable heads allow for precise aiming. Neighbor-friendly visors are adjustable or removable.

LISTINGS

UL/cUL listed Listed to U.S. and Canadian safety standards for wet locations. Tested in accordance with IESNA LM-79 and LM-80 standards.

WARRANTY

Five-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx.

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

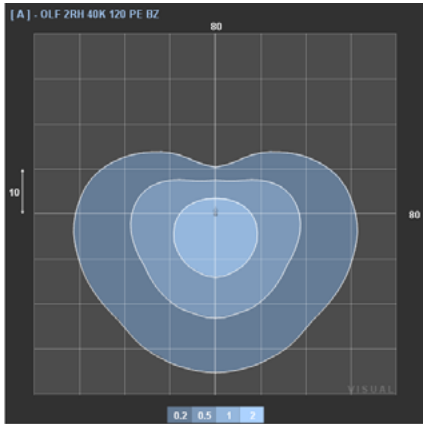


Photometric Diagrams

Full photometric data report available within 2 weeks from request. Contact Acuity tech support.

LEGEND

- 0.1 fc
- 0.2 fc
- 0.5 fc
- 1.0 fc



Lighting Facts Labels

LED lighting facts A Program of the U.S. DOE	
Light Output (Lumens)	2159
Watts	25.31
Lumens per Watt (Efficacy)	85.3
Color Accuracy Color Rendering Index (CRI)	70
Light Color Correlated Color Temperature (CCT)	4000 (Bright White)
<small>All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.</small>	
<small>Visit www.lightingfacts.com for the Label Reference Guide.</small>	
<small>Registration Number: NJSM-Z18BGO (8/10/2015) Model Number: OLF 2RH 40K 120 XX Type: Luminaire - Other</small>	

OLF with motion occupancy features OMS1000 sensor head (Please refer to installation instructions for more information).

