



OVAL LED Area Luminaire

Catalog
Number

Notes

Type

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

Introduction

Featuring a classic dayform, the OVAL offers a fresh update to a traditional appearance and is powered by advanced LEDs.

The OVAL luminaire is powerful yet energy efficient, capable of replacing up to a 100W metal halide luminaire while saving up to 84% in energy costs. Offering an expected service life of up to 10 years, the OVAL eliminates frequent lamp and ballast replacements associated with traditional technologies.

Ordering Information

EXAMPLE: OVAL 40K 120 PE

Series	Color Temperature	Voltage	Controls	Finish
OVAL LED	40K 4000 K ¹	120 120 volts	PE Photocell	DNA

Accessories

Ordered and shipped separately.

OMA Mounting Arm

NOTES

- 1 Correlated color temperature (CCT) shown is nominal per ANSI C78, 377-2008.

FEATURES & SPECIFICATIONS

INTENDED USE

The energy savings, long life and easy-to-install design of the OVAL make it the smart choice for building-and post-mounted doorway, pathway and yard illumination for nearly any facility.

CONSTRUCTION

Die-cast aluminum housing has an impact-resistant, polycarbonate lens which protects the LEDs. The fixture is sealed against moisture and environmental contaminants.

FINISH

Exterior parts are protected by a thermoset powder-coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 2 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling.

OPTICS

Protective polycarbonate lens covers the light engine's LEDs. Light engine is available in 4000 K (73 min. CRI).

Electrical

Light engine consists of two multi-chip, high-output LEDs mounted on an integral aluminum heat sink to maximize heat dissipation and promote long life (35,000 hours at 40°C). 6kV surge protection. Electronic driver operates at 120V. Integrated photocell is standard. No user serviceable parts.

Installation

Easily mounts to a wooden post or pole using 2" lag screws, included. Compatible with OMA-1-5/8" mounting arm, sold separately.

LISTINGS

UL Listed to U.S. and Canadian safety standards for wet locations.

WARRANTY

1-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 are subject to change without notice.



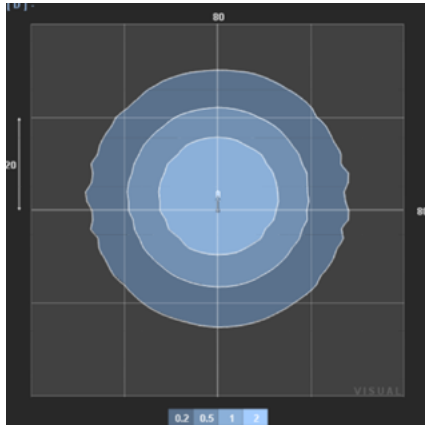
Photometric Diagrams

Tested in accordance with IESNA LM-79 and LM-80 standards .

OVAL 40K MVOLT. Mounting height - 10'

LEGEND

- 0.2 fc
- 0.5 fc
- 1.0 fc
- 2.0 fc



Test No. LTL22748 tested in accordance with IESNA LM79/80.

Lighting Facts Labels

Lithonia Lighting

LED lighting facts
A Program of the U.S. DOE

Light Output (Lumens) 1900

Watts 20

Lumens per Watt (Efficacy) 95

Color Accuracy 80
Color Rendering Index (CRI)

Light Color 4000 (Bright White)
Correlated Color Temperature (CCT)

2700K 3000K 4500K 6500K

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.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: NJSM-11WEOCI (4/18/2016)
Model Number: OVAL_LED_40K_120_PE_DNA
Type: Luminaire - Area/Roadway