



OVAL

LED Area Luminaire

Catalog
Number

Notes

Type

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.

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.

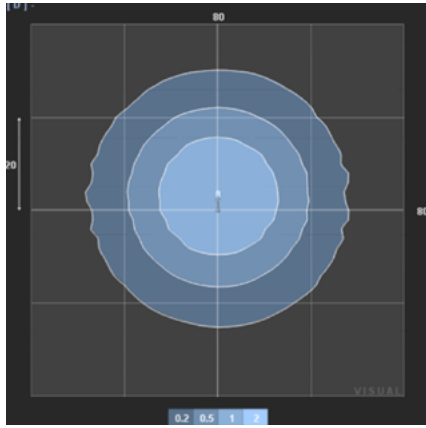
Photometric Diagrams

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 4000K 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