



# OLWX2 LED LED Wall Luminaire



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## Introduction

As versatile as it is efficient, the OLWX2 is designed to replace up to 400W metal halide while saving over 83% in energy costs. It combines multiple mounting options with the latest generation of LEDs for a wall pack luminaire which is a whole lot more. Whether you are mounting it to a recessed junction box, conduit/through wiring, as an uplight, as a downlight, or as a floodlight – the OLWX2 has you covered.

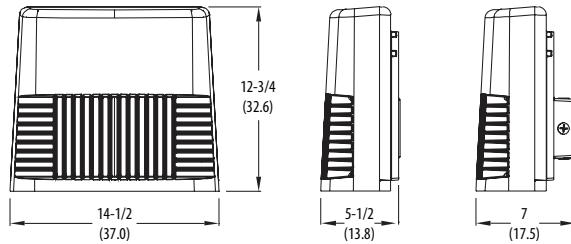
## Specifications

**Width:** 14-1/2"  
(37.0 cm)

**Height:** 12-3/4"  
(32.6 cm)

**Depth:** 5-1/2"  
(13.8 cm)

**Weight:** 15.4 lbs  
(6.9 kg)



Flush or backbox mount

## Ordering Information

**EXAMPLE:** OLWX2 LED 90W 50K DDB

Series	Performance Package	Color Temperature	Voltage	Controls	Finish
OLWX2 LED	90W 78 watts 150W 150 watts	40K 4000 K <sup>1</sup> 50K 5000 K	(blank) MVOLT <sup>1</sup>	(blank) None PE 120V button photocell <sup>2</sup>	DDB Dark bronze

## Accessories

Ordered and shipped separately.

OLWX2TS Slipfitter for OLWX2

### NOTES

- MVOLT driver operates on any line voltage from 120-277V (50/60Hz).
- Only available with 90W. Specify 120 when ordering with photocell (PE option).

## FEATURES & SPECIFICATIONS

### INTENDED USE

The versatile design of the OLWX2 LED combines a sleek, low-profile wall pack and high-output LEDs to provide an energy efficient, low maintenance LED wall pack suitable for replacing up to 400W metal halide luminaires. Available floodlight mounting accessories convert the OLWX2 LED into a highly efficient floodlight.

OLWX2 LED is ideal for outdoor applications such as building perimeters, loading areas, driveways and sign and building floodlighting.

### CONSTRUCTION

Rugged cast-aluminum housing with dark bronze polyester powder paint for lasting durability. Integral heat sinks optimize thermal management through conductive and convective cooling. LEDs are protected behind a glass lens. Housing is sealed against moisture and environmental contaminants (IP65).

### OPTICS

High-performance LEDs behind clear glass for maximum light output. Light engines are available in nominal 4000 K and 5000 K configurations. See Lighting Facts label and photometry reports for specific fixture performance.

### ELECTRICAL

Light engine consists of four high-efficiency Chip On Board (COB) LED's with integrated circuit boards mounted directly to housing to maximize heat dissipation and promote long life (L76/100,000 hours at 25°C). Electronic driver has a power factor of >90% and THD <20% and a minimum 2.5kV surge rating. Floodlight mounting accessories include an additional 6kV surge protection device.

### INSTALLATION

Easily mounts to recessed junction boxes with included wall mount bracket, or for surface mounting and conduit entry with included junction box that has four 1/2" threaded conduit entry hubs. Floodlight mounting accessory (sold separately) include integral slipfitter mounting options. Luminaire may be wall or ground mounted in downward or upward orientation.

### LISTINGS

UL Listed to U.S. and Canadian safety standards for wet locations. Rated for -40° C minimum ambient. Tested in accordance with IESNA LM-79 and LM-80 standards.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org](http://www.designlights.org) to confirm which versions are qualified.

### WARRANTY

5-year limited warranty. Complete warranty terms located at: [www.acuitybrands.com/support/customer-support/terms-and-conditions](http://www.acuitybrands.com/support/customer-support/terms-and-conditions)

**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.



COMMERCIAL OUTDOOR

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## Performance Data

### Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts.

Fixture Model Number	CCT	System Watts	Lumens	LPW	B	U	G	CRI
OLWX2 LED 90W 40K	4000 K	78W	9,900	127	3	0	1	>70
OLWX2 LED 90W 50K	5000 K	78W	10,000	128	3	0	1	>70

### Electrical Load

Fixture Model Number	Rated Power (watts)	Current (A)				
		120V	208V	240V	277V	347V
OLWX2 LED 90W	78W	0.78	0.45	0.40	0.35	0.28

### Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

	0°C	10°C	20°C	25°C	30°C	40°C
78W	1.06	1.04	1.01	1.00	0.99	0.97

### Projected LED Lumen Maintenance

Data references the extrapolated performance projections in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

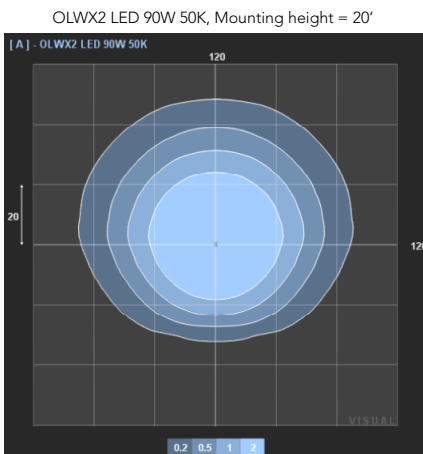
Operating Hours	0	25,000	50,000	100,000
OLWX2 LED 90W	1.00	0.95	0.91	0.85

## Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting OLWX2 LED homepage. Tested in accordance with IESNA LM-79 and LM-80 standards

#### LEGEND

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



Test No. L011503901 tested in accordance with IESNA LM-79-08.

## Accessories



**OLWX2TS**  
Slipfitter for OLWX2

Standard size tenon is 2 1/8".  
The slip fitter has a range of 2" to 2 3/8".