



TWR2 LED ALO

Adjustable Light Output



Catalog
Number

Notes

Type

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

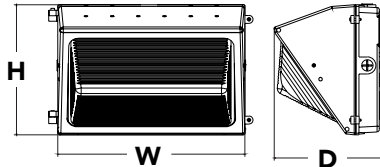
Specifications

Width: 17"
(42.2 cm)

Height: 9"
(22.9 cm)

Depth: 9-5/16"
(23.6 cm)

Weight: 17.2 lbs
(7.8kg)



Introduction

The TWR2 LED ALO is a versatile and energy efficient LED wall pack for replacing anything from 150W to a 400W metal halide wall packs, while saving up to 82% in energy costs. Offering an expected service life of 20 years, the TWR2 LED eliminates frequent lamp and ballast replacements associated with traditional technologies. The Adjustable Light Output (ALO) feature allows the contractor to set the light output during installation, to a level best suited for the job site.

Ordering Information

EXAMPLE: TWR2 LED ALO 50K MVOLT DDBTXD

TWR2 LED						
Series	Performance Package		Color Temperature	Voltage	Controls	Finish
TWR2 LED	ALO	3,050 to 11,800 lumens	40K 4000 K ¹ 50K 5000 K ¹	MVOLT ² 347	(blank) No controls PE Photo control	DDBTXD Textured dark bronze

NOTES

1. Correlated color temperature (CCT) shown is nominal per ANSI C78, 377-2015.
2. MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).

FEATURES & SPECIFICATIONS

INTENDED USE

The TWR2 LED combines traditional wall pack design with energy efficient, low maintenance LED technology. The TWR2 LED ALO can replace anything from 150W to 400W metal halide wall packs. The traditional shape helps maintain building aesthetics when replacing only a portion of your building's wall packs.

CONSTRUCTION

Cast aluminum housing with bronze polyester powder paint for lasting durability. Door is hinged on the side so door swings out of the way during installation and service. Castings are sealed with a one-piece gasket to inhibit the entrance of external contaminants. MVOLT driver operates on any line voltage from 120-277V (50/60Hz). All luminaires have 6kV surge protection. Rated for outdoor installations, -40°C minimum ambient. Please consult factory for surge rating of photocells.

OPTICS

LEDs maintain up to 90% of light output at 100,000 hours of service life (L90/100,000 hours). Prismatic glass lens designed for superior lighting distribution, uniformity and luminaire spacing. See photometry reports for specific performance data.

INSTALLATION

Designed for wall mounting above four feet from ground. Housing is configured for mounting directly over a standard 4" outlet box (by others) or for surface wiring via any of three convenient 1/2" threaded conduit entry hubs.

LISTINGS

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

DesignLights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL 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

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.



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.

ALO SETTING	INPUT POWER	LUMEN OUTPUT	REPLACES METAL HALIDE WATTAGE
1	21W	3,050	150W
2	32W	4,400	175W
3	41W	5,600	250W
4	51W	7,100	
5	61W	8,200	400W
6	71W	9,300	
7	82W	10,350	
8 (Default)	87W	11,800	

Electrical Load

Power Package	Input Power	Amperage (A)				
		120V	208V	240V	277V	347V
ALO (default setting)	87W	0.73	0.42	0.36	0.31	0.25

Lumen Ambient Temperature (LAT) Multipliers

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

Ambient		Lumen Multiplier
0°C	32°F	1.03
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.98

Projected LED Lumen Maintenance

Data references the extrapolated performance projections in a **40°C ambient**, based on 6,000 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	60,000	100,000
LM Factor TWR2 LED	1.0	>0.96	>0.94	>0.92	>0.90

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting [TWR2 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

