

Catalog Number: _____ Type: _____

Project: _____

Comments: _____ Date: _____

LED Medium Wallpack



LED Medium Wallpacks are energy efficient alternatives - only 47W delivering up-to 4148 lumens - replacing up-to 175W Metal Halide fixtures. The performance engineered LED technology delivers consistent color and CRI for a uniform installation and improves lumen maintenance for long useful rated life. LED Medium Wallpack offers 0-10V dimming standard with low voltage leads supplied in the integrated driver. LED Medium Wallpacks are IP65 Rated for outdoor use.¹ Applications include security lighting, parking areas, car lots, gas stations, walkways, work areas, parks and playgrounds. LED Medium Wallpack is backed by a 5-Year Limited Warranty.

¹ IP65 Rated fixtures are rated for use outdoors where exposed directly to water from rain or irrigation.

Performance Specifications

CRI _____ 85
 Rated Life _____ 50,000 hour life
 Watt _____ 47W
 Lumens _____ 4148
 Lumens per Watt (LPW) _____ 88
 Input Line Voltage _____ 100-277V
 Input Line Frequency _____ 50/60 Hz

Min. Start Temp. _____ -40°F (-40°C)
 Max. Operating Temp. _____ 113°F (45°C)
 Power Factor _____ >90%
 THD _____ <20%
 Warranty _____ 5-Year Limited
 Control _____ 0-10V Dimmable
 Weight _____ 8.25 lbs.

Energy Savings

System	System Wattage	Replacement LED	Wattage	Energy Savings
175W Metal Halide	202W	WP2/CL47BZ50/LED	47W	77%

Construction

- Die-cast aluminum housing with hinged lens and captive screws
- Molded prismatic borosilicate glass lens
- Textured architectural bronze powdercoat finish
- Silicone gaskets
- CSA listed for wet locations

Accessories

- Wire Guard Wallpack - WG2/WP2 - 99801
- Photocell 110-130V (SWIVEL) - PCS/120V - 99815
- Photocell 208-277V (SWIVEL) - PCS/277V - 99816

Accessories include hardware.

Installation

- Mounts directly over a 4" recessed outlet box
- Removable 1/2" threaded plugs with O-rings for conduit access and photocell provision

Electrical

- 100V-277V input range
- 50/60 Hz input frequency
- 0-10V dimming standard
- Voltage sensing 100-277V dimmable driver
- Electrical snap-in connectors to simplify wiring and installation

Ordering Information

Watt	Product #	Product Code	Volts	Color Temp.	CRI	Lumens	Useful Life*	Dimmable	Fixture Size L x H	Wattage Equivalent
47 Watt	99908	WP2/CL47BZ50/LED	100-277V	5000K	85	4148	50000	0-10V	14.5" x 9"	175W Metal Halide



* Useful Life is defined as the point in time at which the lamp will maintain at least 70% of its initial lumens. The lamp will continue to operate past this point at decreased light levels. May not be compatible with all dimming systems, dimming performance may vary by system. Requires a 0-10V dimmer, with 2 additional wires for dimming control.

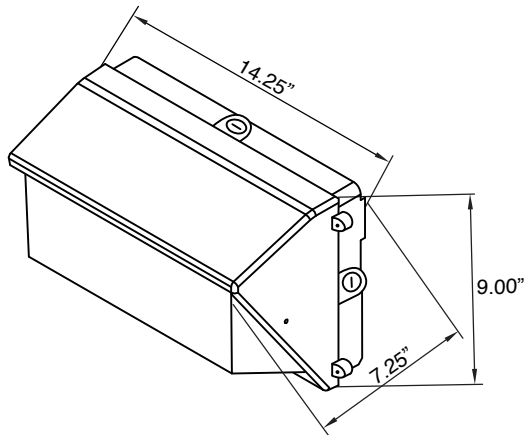
** Check the latest update at www.DesignLights.org for listed product catalog numbers. Not all versions are listed.



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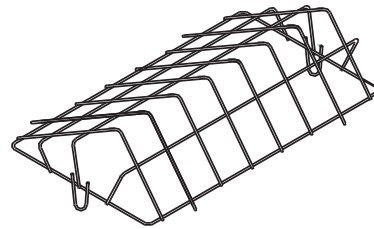
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Dimensions



Accessories

99801

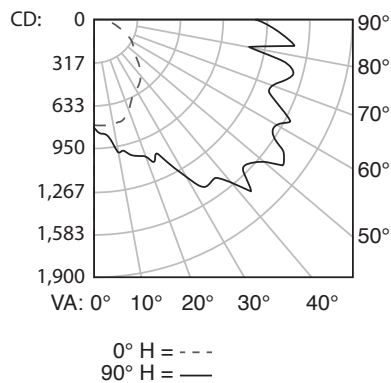


99815, 99816

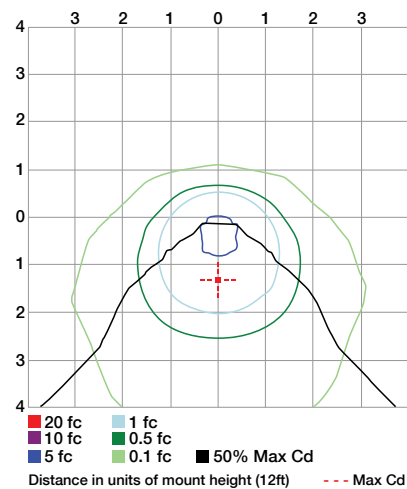


Photometrics

Polar Candela Distribution Plot



Isofootcandle Plot



Illuminance at a Distance

Height(ft)	Center Beam Footcandle	Beam Spread(ft)		Field Spread(ft)	
		Horizontal	Vertical	Horizontal	Vertical
2.0	195.2 fc	4.2	4.5	22.9	44.4
4.0	48.8 fc	8.5	8.9	45.8	88.8
6.0	21.7 fc	13.4	13.4	68.8	133.1
8.0	12.2 fc	17.9	17.9	91.7	177.5
10.0	7.8 fc	22.4	22.4	114.6	221.9
12.0	5.4 fc	26.8	26.8	137.5	266.3
		Beam Angle		Field Angle	
		93.4°	96.4°	160.2°	169.7°