

Catalog Number: \_\_\_\_\_ Type: \_\_\_\_\_

Project: \_\_\_\_\_

Comments: \_\_\_\_\_ Date: \_\_\_\_\_

## LED Small Wallpack



LED Small Wallpack is an energy efficient alternative - only 27W delivering up-to 2258 lumens - replacing up-to 100W Metal Halide fixture. The performance engineered LED technology delivers consistent color and CRI for a uniform installation and improves lumen maintenance for long useful rated life. The LED Small Wallpack offers 0-10V dimming standard with low voltage leads supplied in the integrated driver. LED Small Wallpacks are IP65 Rated for outdoor use.<sup>1</sup> Applications include security lighting, parking areas, car lots, gas stations, walkways, work areas, parks and playgrounds. The LED Small Wallpack is backed by a 5-Year Limited Warranty.

<sup>1</sup> 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 \_\_\_\_\_ 27W  
 Lumens \_\_\_\_\_ 2258  
 Lumens per Watt (LPW) \_\_\_\_\_ 83  
 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 \_\_\_\_\_ 5.85 lbs.

### Energy Savings

System	System Wattage	Replacement LED	Wattage	Energy Savings
100W Metal Halide	120W	WP1/CL27BZ50/LED	27W	78%

### Construction

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

### Accessories

- Wire Guard Wallpack - WG1/WP1 - 99800
- 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
- Voltage sensing 100-277V dimmable driver
- 50/60 Hz input frequency
- Electrical snap-in connectors to simplify wiring and installation
- 0-10V dimming standard

### Ordering Information



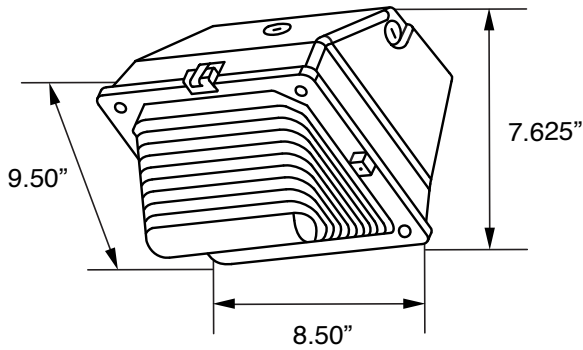
Watt	Product #	Product Code	Volts	Color Temp.	CRI	Lumens	Useful Life*	Dimmable	Fixture Size L x H	Wattage Equivalent
27 Watt	99907	WP1/CL27BZ50/LED	100-277V	5000K	85	2258	50000	0-10V	8.5" x 7.5"	100W Metal Halide

\* 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](http://www.DesignLights.org) for listed product catalog numbers. Not all versions are listed.

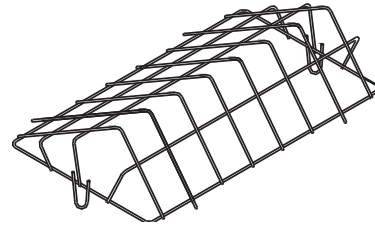
# LED Small Wallpack

## Dimensions



## Accessories

99800

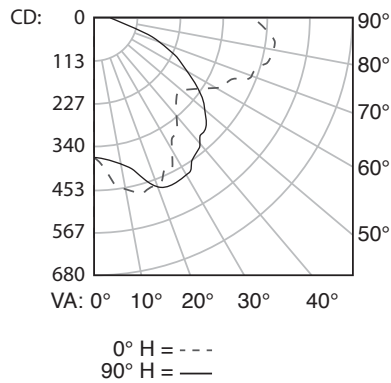


99815, 99816

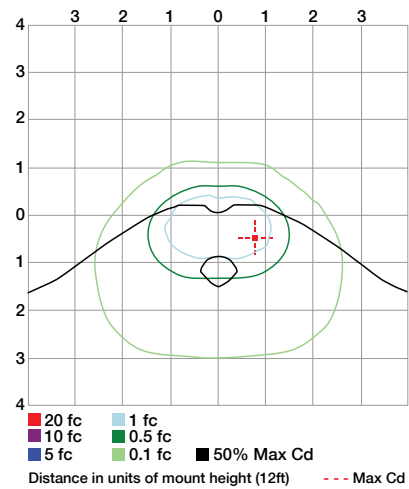


## Photometrics

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	91.2 fc	7.7	7.4	59.4	
4.0	22.8 fc	15.5	14.8	118.9	
0.0	10.1 fc	23.2	22.3	178.3	
0.0	5.7 fc	30.9	29.7	237.8	
10.0	3.6 fc	38.6	37.1	297.2	
12.0	2.5 fc	46.4	44.5	356.6	
		Beam Angle		Field Angle	
		125.3°	123.3°	172.3°	200.7°