

Catalog Number: _____ Type: _____

Project: _____

Comments: _____ Date: _____

LED High Lumen WallPack Series



LED High Lumen Wallpacks are energy efficient alternatives to HID (High Intensity Discharge) luminaires. The performance engineered LED technology delivers consistent color and CRI for a uniform installation long useful rated life. LED High Lumen Wallpacks offer 0-10V dimming standard with low voltage leads supplied by the integrated driver. LED High Lumen Wallpacks are IP65 rated for outdoor use.¹ Applications include building entrances, gas stations, loading docks, parking garages, schools, stairways, tunnels, parks and playgrounds. LED High Lumen Wallpacks are backed by a 5-Year Warranty.

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

Performance Specifications

CRI _____	70	Min. Start Temp. _____	-40°F (-40°C)
Rated Life _____	50,000 hour life	Max. Operating Temp. _____	104°F (40°C)
Watt _____	87W (99917), 120W (99918)	Power Factor _____	>90%
Lumens _____	9,741 (99917), 15,574 (99918)	THD _____	<20%
Lumens per Watt (LPW) _____	111 (99917), 129 (99918)	Warranty _____	5-Year
Input Line Voltage _____	120-277V	Control _____	0-10V
Input Line Frequency _____	50/60 Hz	Weight _____	16/22 lbs.

Energy Savings

System	System Wattage	Replacement LED	Wattage	Energy Savings
250W Metal Halide	295W	WP4/CL87BZ50/LED	87W	70%

Construction

- Die-cast aluminum housing with hinged lens and captive screws
- Molded prismatic borosilicate glass lens
- Textural architectural bronze powdercoat finish
- UL listed for wet locations
- IP65

Accessories

- Wireguard - 99817
- Visor - 99818

Accessories include hardware.

Installation

- Mounts directly over a 4" recessed junction box

- Removable 1/2" threaded plugs with O-rings for conduit access and photocell provision

Electrical

- 120V-277V input range
- 50/60 Hz input frequency

- Voltage sensing 120-277V 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	DLC® Qualified	Fixture Size L x H	Wattage Equivalent
87 Watt	99917	WP4/CL87BZ50/LED	120-277	5000K	70	9,741	50,000	Yes	Yes	18"x 9"	250W HID
120 Watt	99918	WP4/CL120BZ50/LED	120-277	5000K	70	15,574	50,000	Yes	Yes	18"x 9"	400W HID

* 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.

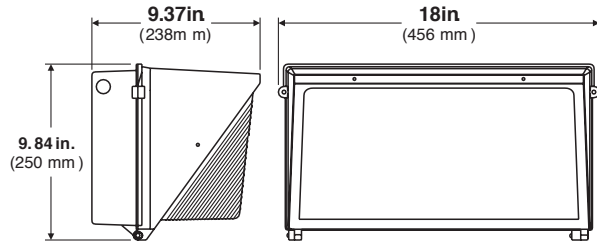
** Check the latest update at www.DesignLights.org for listed product catalog numbers. Not all versions are listed.



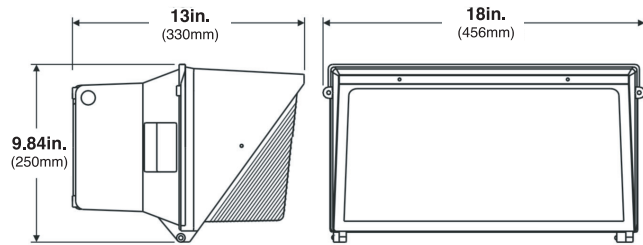
LED High Lumen Wallpack Series

Dimensions

99917, WP4/CL87BZ50/LED

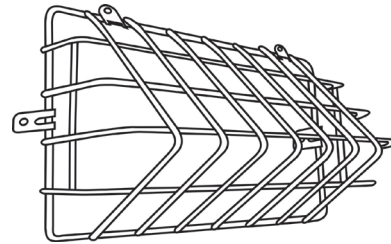


99918, WP4/CL120BZ50/LED

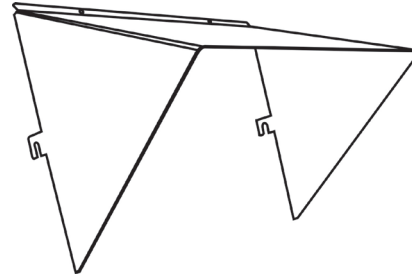


Accessories

99917, Wireguard



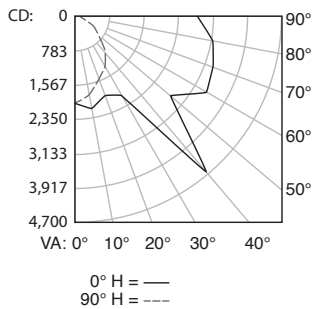
99918, Visor



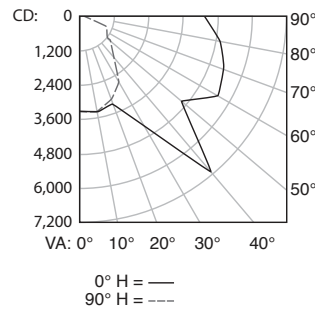
Photometrics

Polar Candela Distribution Plots

99917, WP4/CL87BZ50/LED

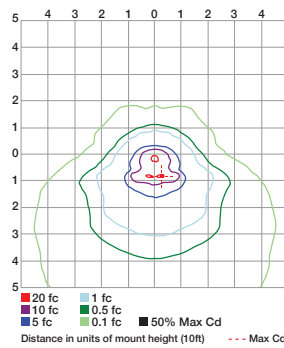


99918, WP4/CL120BZ50/LED

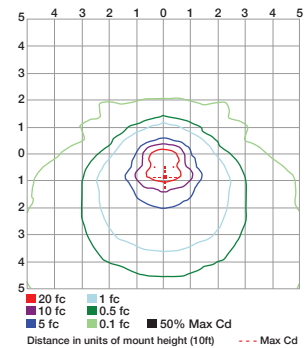


Isofootcandle Plots

99917, WP4/CL87BZ50/LED



99918, WP4/CL120BZ50/LED



Illuminance at a Distance

HEIGHT(FT)	CENTER BEAM		BEAM SPREAD(FT)		FIELD SPREAD(FT)	
	FOOTCANDLE	HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL	
4.00	123.08 FC	7.6	4.6	30.3	12.9	
8.00	30.77 FC	15.2	9.2	60.6	25.9	
12.00	13.68 FC	22.8	13.8	90.8	38.8	
16.00	7.69 FC	30.5	18.3	121.1	51.7	
20.00	4.92 FC	38.1	22.9	151.4	64.6	
		BEAM ANGLE		FIELD ANGLE		
		87.2°	59.6°	150.4°	116.5°	

Illuminance at a Distance

HEIGHT(FT)	CENTER BEAM		BEAM SPREAD(FT)		FIELD SPREAD(FT)	
	FOOTCANDLE	HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL	
4.00	207.26 FC	8.5	5.3	49.1	17.4	
8.00	51.82 FC	17.1	10.6	98.2	34.9	
12.00	23.03 FC	25.6	15.9	147.4	52.3	
16.00	12.95 FC	34.2	21.2	196.5	69.7	
20.00	8.29 FC	42.7	26.5	245.6	87.2	
		BEAM ANGLE		FIELD ANGLE		
		93.8°	67.0°	161.5°	130.7°	