

Catalog Number: _____ Type: _____

Project: _____

Comments: _____ Date: _____

Semi Cutoff WallPack



Semi Cutoff 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. Semi Cutoff Wallpacks offer 0-10V dimming standard with low voltage leads supplied by the integrated driver. Semi Cutoff Wallpacks are IP65 rated for outdoor use.¹ Applications include building entrances, gas stations, loading docks, parking garages, schools, stairways, tunnels, parks and playgrounds. Semi Cutoff Wallpacks are backed by a 5-Year Warranty.

¹ IP65 Rated luminaires 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 _____	30W, 40W, 55W	Power Factor _____	>90%
Lumens _____	3383, 4303, 5594	THD _____	<20%
Lumens per Watt (LPW) _____	113, 108, 102	Warranty _____	5-Year Limited
Input Line Voltage _____	120-277V	Weight _____	7/10 lbs.
Input Line Frequency _____	50/60 Hz	Dimmable _____	0-10V

Energy Savings

System	System Wattage	Replacement LED	Wattage	Energy Savings
150W HID	182W	WP2/CL40BZ50/LED	40W	72%

Construction

- Die-cast aluminum housing with removable frame and captive screws
- Clear borosilicate glass lens
- Silicone gaskets
- Textured architectural bronze powdercoat finish
- UL Listed for wet locations
- IP65

Accessories

- Wire Guard for Wall pack 10107 - WG1/WP1 - 10110
- Wire Guard for Wall packs 10108 & 10109 - WG2/WP2 - 10111
- Visor for Wall pack 10107 - VG1/WP1 - 10112
- Visor for Wall packs 10108 & 10109 - VG2/WP2 - 10113
- Photocell 12-277V - PCS/WP - 10114

Accessories include hardware.

Installation

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

Electrical

- 120V-277V input range
- Voltage sensing 120-277V dimmable driver
- 50/60 Hz input frequency
- Electrical snap-in connectors to simplify wiring and installation

Ordering Information



Watt	Product #	Product Code	Volts	Color Temp.	CRI	Lumens	Useful Life*	DLC® Qualified	Size L x H	Wattage Equivalent
30 Watt	10107	WP1/CL30BZ50/LED	120-277V	5000K	70	3383	50,000	Yes	8.46" x 8.67"	100 Metal HID
40 Watt	10108	WP2/CL40BZ50/LED	120-277V	5000K	70	4303	50,000	Yes	14.4" x 9.30"	150 Metal HID
55 Watt	10109	WP2/CL55BZ50/LED	120-277V	5000K	70	5594	50,000	Yes	14.4" x 9.30"	175 Metal HID

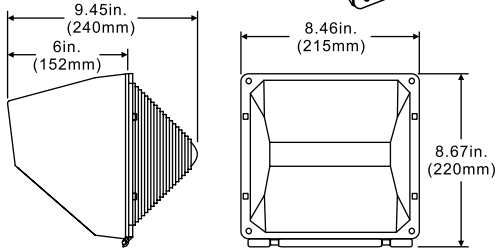
* Useful Life is defined as the point in time at which the lamp will maintain at least 70% of its initial lumens. The lamp will continue to operate past this point at decreased light levels.



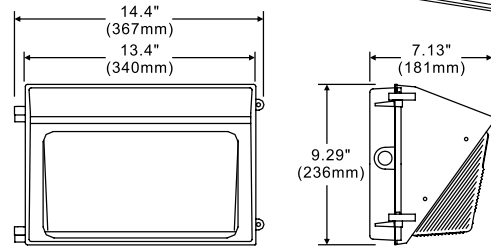
Semi Cutoff WallPack

Dimensions

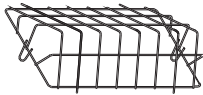
WP2/CL40BZ50/LED - 10107



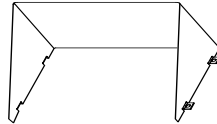
WP2/CL40BZ50/LED - 10108
WP2/CL55BZ50/LED - 10109



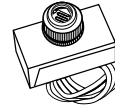
Accessories



Wire Guard 10107, 10108, 10109 - WG1/WP1 - 10110
WG2/WP2 - 10111



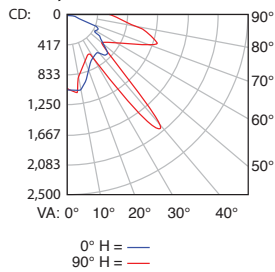
Visor for Wall packs 10107 - VG1/WP1, 10108 & 10109 - VG2/WP2 - 10113



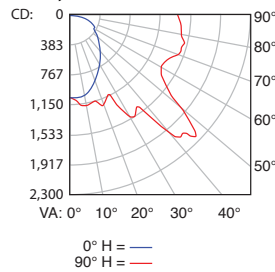
Photocell 120-277V - PCS/WP - 10114

Photometrics

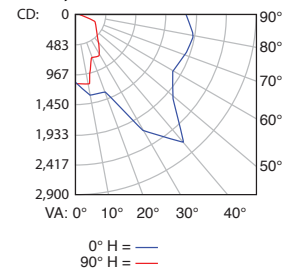
Polar Candela Distribution Plot
10107, WP1/CL30BZ50/LED



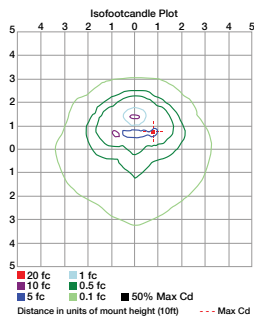
Polar Candela Distribution Plot
10108, WP2/CL40BZ50/LE



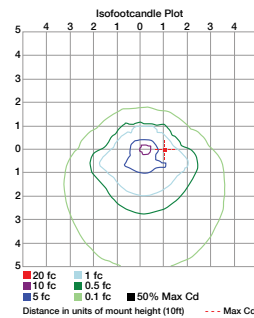
Polar Candela Distribution Plot
10109, WP2/CL55BZ50/LED



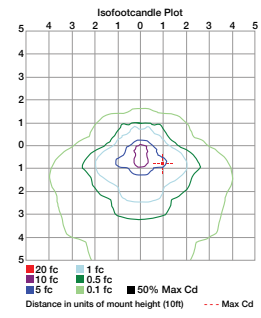
Isofootcandle Plot



Isofootcandle Plot



Isofootcandle Plot



ILLUMINANCE AT A DISTANCE

HEIGHT(FT)	CENTER BEAM FOOTCANDLE	BEAM SPREAD(FT)		FIELD SPREAD(FT)	
		HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	63.91 FC	1.0	1.7	4.5	16.2
8.00	15.98 FC	2.0	3.5	8.9	32.4
12.00	7.10 FC	3.0	5.2	13.4	48.7
16.00	3.99 FC	4.0	6.9	17.8	64.9
20.00	2.56 FC	5.0	8.7	22.3	81.1
		BEAM ANGLE		FIELD ANGLE	
		14.2°	24.5°	58.3°	127.5°

ILLUMINANCE AT A DISTANCE

HEIGHT(FT)	CENTER BEAM FOOTCANDLE	BEAM SPREAD(FT)		FIELD SPREAD(FT)	
		HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	65.47 FC	3.1	8.6	5.9	8.0
8.00	16.37 FC	6.2	17.3	11.8	16.0
12.00	7.27 FC	9.2	25.9	17.7	24.0
16.00	4.09 FC	12.3	34.5	23.5	32.0
20.00	2.62 FC	15.4	43.2	29.4	40.0
		BEAM ANGLE		FIELD ANGLE	
		42.1°	94.4°	72.7°	90.0°

ILLUMINANCE AT A DISTANCE

HEIGHT(FT)	CENTER BEAM FOOTCANDLE	BEAM SPREAD(FT)		FIELD SPREAD(FT)	
		HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL
4.00	68.26 FC	12.4	5.6	55.2	12.9
8.00	17.06 FC	24.8	11.1	110.4	25.8
12.00	7.58 FC	37.2	16.7	165.5	38.6
16.00	4.27 FC	49.6	22.3	220.7	51.5
20.00	2.73 FC	62.0	27.8	275.9	64.4
		BEAM ANGLE		FIELD ANGLE	
		114.3°	69.7°	163.5°	116.3°