

FCW SERIES

WALL MOUNT CUTOFF LUMINAIRE



Project:	
Type:	
Catalog #:	



The contemporary-styled LEPG WPC30Q Wall Mount Cutoff Luminaire is available in two wattages and two optical distributions designed to replace HID lighting systems up to 150W MH or HPS. Typical wall mounted lighting applications include retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 8 to 15 feet can be used based on light level and uniformity requirements.

Specifications and Features:

Housing:

Die Cast Aluminum Housing with Integral Heat Sinking. Nickel-Plated Stainless Steel Hardware. Photocell Adaptable.

Listing & Ratings:

CSA: Listed for Wet Locations, ANSI/UL 1598, 8750; IP66 Sealed LED Compartment.

Finish:

Textured Architectural Bronze Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

Lens:

Clear One-Piece Molded UV-Stabilized Polycarbonate or Diffused UV-Stabilized Polycarbonate Opal Vandal-Resistant Lenses to Seal LED Array.

Mounting Options:

Mount Directly Over a 4" Recessed Outlet Box, Includes Easy-Hang "Two Hands Free" Wall Mounting Bracket with Built-In Level. No Surface Conduit Entrance.

LED:

Aluminum Boards

Wattage:

14w: Array: 14.5w, System: 16.1w
22w: Array: 21.7w, System: 24.8w

Driver:

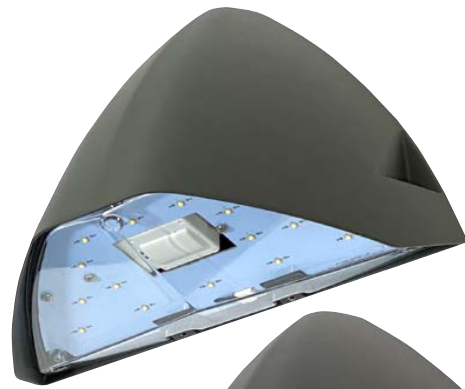
Electronic Driver, 120-277V, 50/60Hz or 347V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 6kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

Controls:

Fixtures Ordered with Factory-Installed Photocell or Motion Sensor Controls are Internally Wired for Switching and/or 1-10V Dimming Within the Housing. Remote Direct Wired Interface of 1-10V Dimming is Not Implied and May Not Be Available, Please Consult Factory. Fixtures are Tested with LEPG Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

Warranty:

5-Year Warranty for -40°C to +50°C Environment.



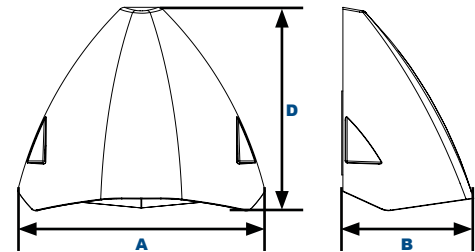
Shown with Clear Molded UV-Stabilized Polycarbonate Lens



Shown with Diffused Opal UV-Stabilized Polycarbonate Array Lens

Dimensions

Width (D)	12½" (319mm)
Length (B)	6¾" (168mm)
Height (A)	10¼" (262mm)



Replacement Parts

(Order Separately, Field Installed)

P18103	120-277VAC Photocell
P17117	Internal Microwave Sensor with Dimming for Mounting Heights of 8 to 40'. 120-277VAC, 50/60Hz

For Replacement Battery Backup, see the LEPG LED Battery Backup Specification Sheet.



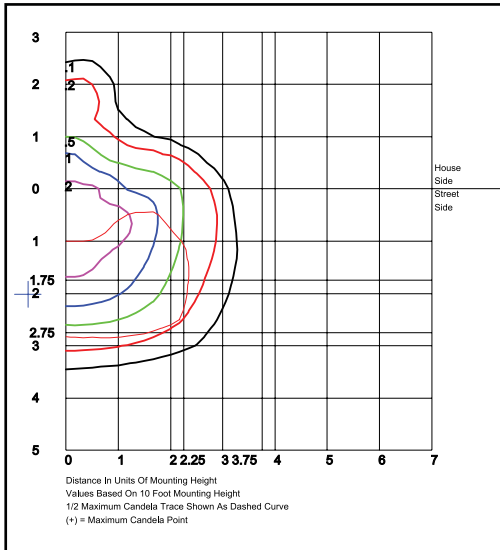
P18103



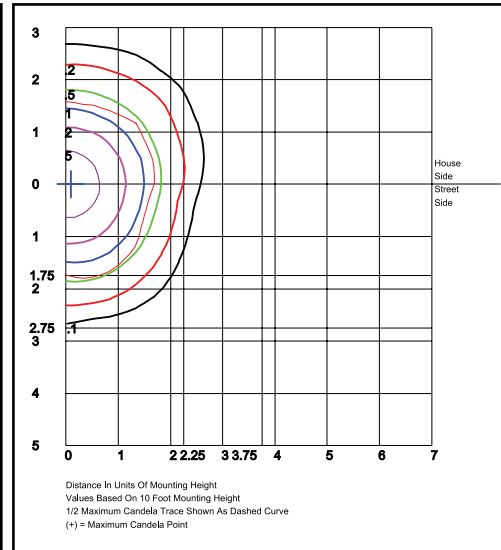
P17117

Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
WPC30Q= Wall Mount Cutoff Luminaire	D =Type IV F =Type V	1X14 =14w 1X22 =22w	U =120-277V C =347V* *14w Models Only.	3K =3000K 4K =4000K 5K =5000K	C =Clear Molded UV-Stabilized Polycarbonate Lens D =Diffused Lens Opal UV-Stabilized Polycarbonate Array Lens* *Use with F Optic Only.	Z =Bronze C =Custom (Consult Factory)	SF =Single Fuse* DF =Double Fuse* SP =Surge Protection SZ =Microwave Sensor with Dimming for Mounting Heights of 8' to 40'.* BU =Battery Backup* *120-277V Models Only.

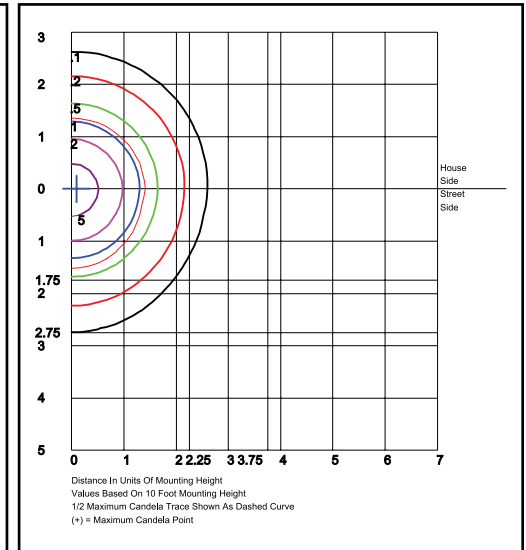
Photometric Data



WPC30QD1X22U5KC
Type IV, Clear Lens Grid
in MH
MH=10 Feet



WPC30QF1X22U5KC
Type V, Clear Lens Grid
in MH
MH=10 Feet



WPC30QF1X22U5KL
Type V, Diffused Lens
Grid in MH
MH=10 Feet

Photometric Performance

Optic	CCT	Wattage (Catalog Logic)		
		14W (1X14)	22W (1X22)	
		Input Watts	16.1W	24.8W
		Delivered Lumens		
D = Type IV	3000K	1,473	2,209	
	4000K	1,533	2,299	
	5000K	1,592	2,389	
	BUG Rating	B0-U1-G1	B1-U1-G1	
F = Type V	3000K	1,770	2,655	
	4000K	1,842	2,762	
	5000K	1,913	2,870	
	BUG Rating	B1-U1-G0	B1-U1-G1	
F = Type V with Diffused Lens	3000K	1,408	2,112	
	4000K	1,465	2,198	
	5000K	1,522	2,283	
	BUG Rating	B1-U2-G1	B1-U2-G1	

Projected Lumen Maintenance

Data shown for 5000 CCT		Compare to MH				
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated LED Life
L70 Lumen Maintenance @ 25°C / 77°F	All wattages up to and including 25w	1.00	0.98	0.95	0.91	320,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.95	0.89	0.79	141,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.96	0.93	0.85	134,000

NOTES:
1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.