

Spec Grade  
**PROlite** LED Lighting™

A Division of Emergensee® Lighting, Inc.



Job Name: \_\_\_\_\_

Type: \_\_\_\_\_

Part #: \_\_\_\_\_

Notes: \_\_\_\_\_

## PWPC45Q

EasyLED PowerPack Full Cutoff Wall Mount



The LEPC PWPC45Q PowerPack full cutoff wall luminaire is available in three wattages with a specially designed Type IV wide forward throw optical distribution that is designed to replace HID lighting systems of 175W, 250W or 400W MH or HPS. One 174 watt WPC45 with increased mounting height can replace 2 existing 400W MH wall packs to dramatically lower energy costs. 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 18 to 35 feet can be used based on light level and uniformity requirements.

### Specifications and Features:

**Housing:** Die Cast Aluminum Housing with Full Cutoff Front Frame, Integral Heat Sinking and Driver Compartment. UV-Stabilized Polycarbonate Vandal-Resistant Lens Area on Housing for Use with Microwave Sensors. Twist-Lock Photocell/Smart Controls Adaptable. Nickel-Plated Stainless Steel Hardware.

**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 Type IV UV-Stabilized Polycarbonate Lens.

**Mounting Options:** Mount Directly Over a 4" Recessed Outlet Box, Includes Easy-Hang "Two Hands Free" Wall Mounting Bracket with Built-In Level. Optional Trim Plate is Available for Use in Retrofit Applications to Cover Wall Surface Blemishes.

**EasyLED LED:** Aluminum Boards

### Wattage:

81w: Array: 80.8w, System: 92.8w (175w HID Equivalent)

112w: Array: 111.9w, System: 131w (250w HID Equivalent)

174w: Array: 174.1w, System: 187.5w (400w HID Equivalent)

**Driver:** Electronic Driver, 120-277V, 50/60Hz or 347-480V, 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 LEPC 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.

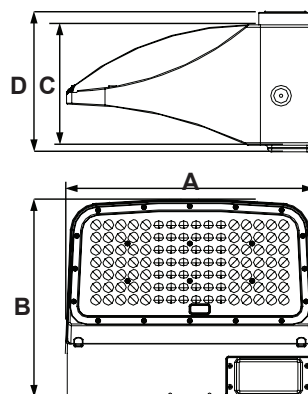
### Ordering Information:

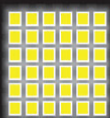
Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
<b>PWPC45Q</b>	<b>D=Type IV</b>				<b>C=Clear</b>		
<b>PWPC45Q=</b>	<b>D=Type IV</b>	<b>1X81=81w</b> <b>1X112=112w</b> <b>1X174=174w</b>	<b>U=120-277V</b> <b>H=347-480V</b>	<b>4K=4000K</b> <b>5K=5000K</b>	<b>C=Clear</b> <b>Molded</b> <b>UV-</b> <b>Stabilized</b> <b>Polycarbonate</b> <b>Lens</b>	<b>Z=Bronze</b> <b>C=Custom</b> (Consult Factory)	<b>SF=Single Fuse (120-277V Only)</b> <b>DF=Double Fuse (120-277V Only)</b> <b>SP=Surge Protection</b> <b>R3=3-Pin Twist Lock Photocell Receptacle</b> <b>R5=5-Pin Twist Lock Photocell Receptacle</b> <b>R7=7-Pin ANSI C136.41—2013 Twist Lock Photocell Receptacle</b> <b>PC1=Photocell, 120VAC</b> <b>PC3=Photocell, 120-277VAC</b> <b>S2=Microwave Sensor with Dimming for Mounting Heights of 8 to 40' (120-277V Only)</b> <b>S4=Microwave On/Off Motion Sensor for Mounting Heights of 8 to 19' (120-277V Only)</b> <b>BU=Battery Backup, 90 Minutes (81w and 112w only)</b>
EasyLED							
PowerPack							
Wall Mount							



### Dimensions

<b>Width (A)</b>	15" (380mm)
<b>Length (B)</b>	12" (302mm)
<b>Height 1 (C)</b>	5 3/4" (146mm)
<b>Height 2 (D)</b>	6" (154mm)





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## Accessories & Replacement Parts:



WPC45TPZ\*



P18100 &  
P18103



P17117



P17123

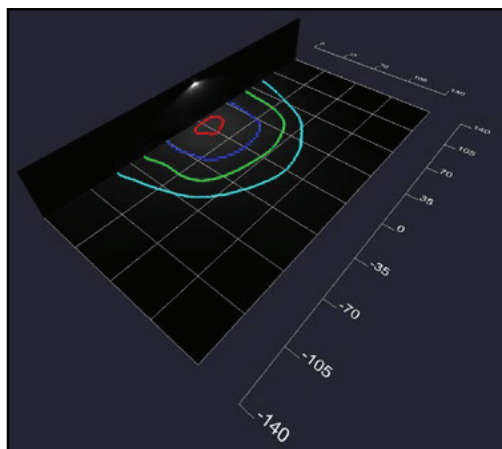
\*Shown Mounted.

Accessories (Order Separately, Field Installed)	
P18131	Twist Lock Non-Shorting (Open) Cap Disconnects Service to Fixture for Temporary or Permanent Disabling (Fixture Always Off). IP65, 480V Maximum.
P18132	Twist Lock Shorting Cap Provides Fixed Service to Fixture (Fixture Always on). IP65, Rated Load 7200w Tungsten.
P18140	110-120VAC Instant Twist Lock Photocell
P18150	120VAC Time Delay Twist Lock Photocell
P18152	277VAC Time Delay Twist Lock Photocell
P18156	120-277VAC Universal Twist Lock Photocell
P18157	480VAC Time Delay Twist Lock Photocell. For 480V use only.
WPC45TPZ	Aluminum Two-Piece Trim Plate, Bronze Powdercoat Finish, 16½" W x 8 " H

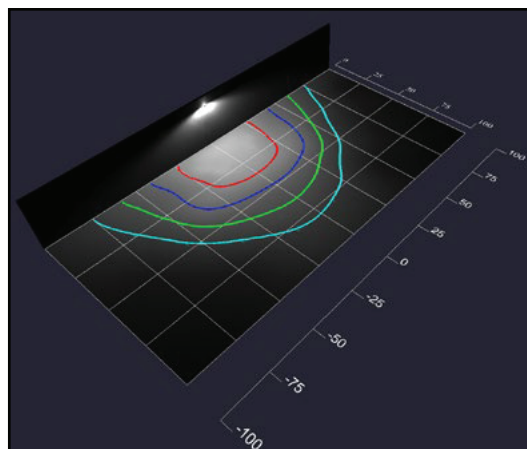
Replacement Parts (Order Separately, Field Installed)	
P18100	120VAC Photocell
P18103	120-277VAC Photocell
P17117	Internal Microwave Sensor with Dimming for Mounting Heights of 8 to 40'. 120-277VAC, 50/60Hz.
P17123	Internally Mounted Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19', 120-277VAC, 50/60Hz.

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

## Photometric Data



PWPC45QD1X174U5K  
Type IV  
Grid in MH  
MH=35 Feet



PWPC45QD1X174U5K  
Type IV  
Grid in MH  
MH=25 Feet

## Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	5000 CCT 80 CRI					4000 CCT 80 CRI				
				Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
EasyLED 81w	525	93	Type IV	10,402	112	3	3	3	9,700	104	3	3	3
EasyLED 112w		131		14,049	107	3	0	3	13,636	104	3	0	3
EasyLED 174w		188		20,704	110	3	0	3	20,327	108	3	0	3

## 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
L70 Lumen Maintenance @ 25°C / 77°F	All wattages up to and including 188w	1.00	0.99	0.98	0.95	646,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.98	0.97	0.93	455,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.98	0.97	0.94	320,000

### NOTES:

- Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 525mA base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
- Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.