

Spec Grade  
**PROlite** LED Lighting™

A Division of Emergensee® Lighting, Inc.



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

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

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

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

## PWPR25GRQ

### EasyLED Excel Round Bulkhead Grid Frame



*SoftLED*

The LEPG Excel Round Bulkhead is designed to replace HID lighting systems up to 100w MH or HPS. The grid frame helps protect the UV-Stabilized Polycarbonate lens and adds a decorative appearance. Typical applications include office and public buildings, condominiums, schools, shopping malls, and hospitality. Recommended mounting heights are 8 to 20 feet.

#### Specifications and Features:

**Housing:** Die Cast Gasketed Aluminum Grid Front Frame and Housing with Integral Heat Sinking and Driver Compartment. 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:** SoftLED LumaLens UV-Stabilized Polycarbonate Opal Vandal-Resistant Lens Eliminates LED Hot Spots

**Mounting Options:** Surface Mount

**EasyLED LED:** Aluminum Boards

**Wattage:** Array: 17w, System: 19.7w; (100w HID Equivalent)

**Driver:** Electronic Driver, 120-277V, 50/60Hz or 347V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 2kV. 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.

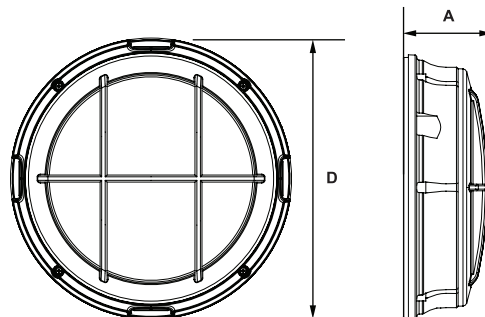
**Warranty:** 5-Year Warranty for -40°C to +50°C Environment.



#### Dimensions

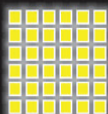
**Diameter (D)** 12½" (318mm)

**Height (A)** 4¾" (111mm)



#### Ordering Information:

Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
<b>PWPR25GRQ</b>	F=Type IV	1X17=17w					
<b>PWPR25GRQ=</b> EasyLED Excel Round Bulkhead Grid Frame	F=Type IV	1X17=17w	U=120-277V C=347V	3K=3000K 4K=4000K 5K=5000K	L=SoftLED LumaLens Opal UV-Stabilized Polycarbonate Array Lens	Z=Bronze W=White C=Custom (Consult Factory)	SF=Single Fuse (120-277V Only) DF=Double Fuse (120-277V Only) SP=Surge Protector PC3=Photocell, 120-277VAC P10=Pencil Photocell, 120VAC P12=Pencil Photocell, 277VAC P14=Pencil Photocell, 120-277VAC S2=Microwave Sensor with Dimming for Mounting Heights of 8 to 40' (120-277V Only) S4=Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19' (120-277V Only) BU=Battery Backup, 90 Minutes



## Accessories & Replacement Parts:



P18103

P18110 &  
P18112

P18114



P17117

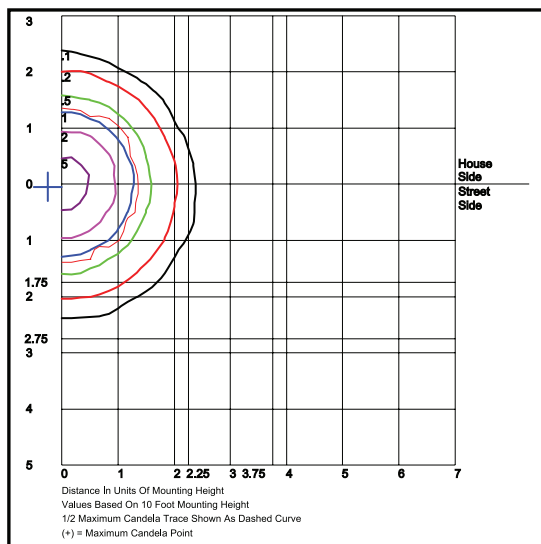
P17123

### Replacement Parts (Order Separately, Field Installed)

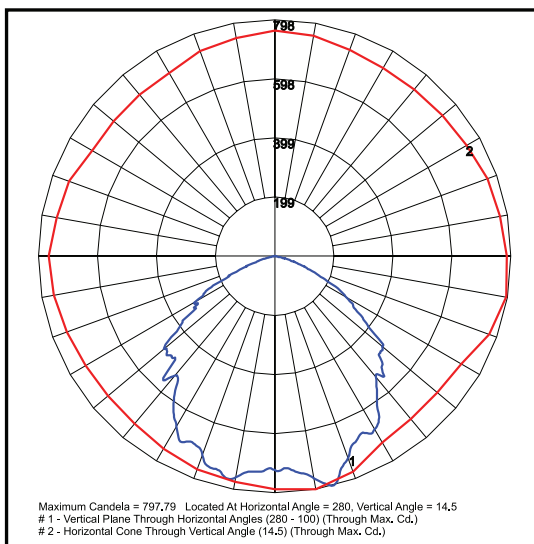
P18103	120-277VAC Photocell
P18110	110-130V 120VAC Pencil Photocell
P18112	208-277V 240VAC Pencil Photocell
P18114	120-277V, 50/60Hz Pencil Photocell
P17117	Internal Microwave Sensor with Dimming for Mounting Heights of 8 to 40'. 120-277VAC, 50/60Hz.
P17123	Internally Mounted Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19', 120-277VAC, 50/60Hz

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

## Photometric Data



AWPR25GRQF1X17U5K  
Type IV  
Grid in MH  
MH=10 Feet



AWPR25GRQF1X17U5K  
Type IV

## Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	5000 CCT 80 CRI					4000 CCT 80 CRI					3000 CCT 80 CRI				
				Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
EasyLED 17w	525	20	Type IV	1,976	99	1	1	0	1,897	95	1	1	0	1,748	87	1	1	0

## 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 L70@ 25°C	
L70 Lumen Maintenance @ 25°C / 77°F	20	1.00	0.96	0.92	0.84	187,000	
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 50°C	
L70 Lumen Maintenance @ 50°C / 122°F	20	1.00	0.96	0.91	0.82	113,000	
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L80@ 40°C	
L80 Lumen Maintenance @ 40°C / 104°F	20	1.00	0.94	0.89	0.77	88,000	

### 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.