



Catalog Number:	
Project:	
Comments:	
Prepared By:	Date:

Technical Specifications

Housing: Die Cast Gasketed Aluminum Housing with Integral Heat Sinking and Driver Compartment. Nickel-Plated Stainless Steel Hardware. Photocell Adaptable.

Lens: SoftLED LumaLens UV-Stabilized Polycarbonate Opal Vandal-Resistant Lens Eliminates LED Hot Spots.

Mounting: Surface Mount

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

AmberLED: Aluminum Boards

Wattage: 17w: Array: 17w, System: 18.7w

Driver: Electronic Driver, 120-277V, 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 NOT Designed for Use with Line Voltage Dimmers.

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

Buy American Act: The product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS, and DOT regulations.

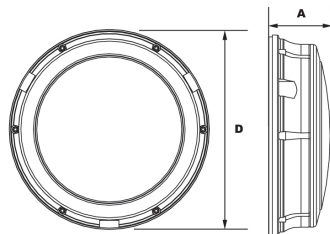
Warranty: 5-Year Warranty for -40°C to +50°C Environment.

Description

The AmberLED Excel Round Bulkhead is designed to replace HID Lighting systems for wildlife, dark skies, or security applications requiring monochromatic AMBER light. LEDs operate between 585 and 595nm, greater than 560nm required for wildlife protection. Typical applications include office and public buildings, condominiums, schools, shopping malls, and hospitality. Recommended mounting heights are 8 to 20 feet.

Dimensions

Diameter (D)	12½" (318mm)
Height (A)	Q-WPR25OFQ: 3 ⁹ / ₁₆ " (100mm)
	Q-WPR25GRQ: 4 ⁷ / ₁₆ " (111mm)
	Q-WPR25HCQ: 4 ⁷ / ₁₆ " (111mm)



Ordering Information

Q-WPR25Q – Options / Ordering Example: Q-WPR25OFQ-F-1x17-U-L-Z-SP

Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
Q-WPR25OFQ - AmberLED Excel Round Bulkhead Open Frame	F - Type IV	1x17- 17w	U - 120-277V	AM - 1400K	L - SoftLED LumaLens Opal	W - White	SF - Single Fuse*
Q-WPR25GRQ - AmberLED Excel Round Bulkhead Grid Frame					UV-Stabilized Polycarbonate Array Lens	Z - Bronze	DF - Double Fuse*
Q-WPR25HCQ - AmberLED Excel Round Bulkhead Half Cutoff						C - Custom Color	SP - Surge Protection PC3 - Photocell, 120-277VAC P12 - Pencil Photocell, 277VAC P14 - Pencil Photocell, 120-277VAC S2 - Microwave Sensor with Dimming for Mounting Heights of 8' to 40'.* S4 - Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19'.* BU - Battery Backup, 90 Minutes* BUC - Cold Start Battery Backup, -20°C, 90 Minutes* <i>*120-277V Models Only</i>

Accessories & Replacement Parts

Replacement Parts (Order Separately, Field Installed)

P18103 120-277VAC 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.



P18103



P18112



P18114



P17117



P17123



Performance Data

LED Board Watts	Input Watts	Amber LEDs				
		Lumens	LPW	B	U	G
AmberLED 17w Q-WPR25OFQ	18.7	1,079	58	0	1	0
AmberLED 17w Q-WPR25HCQ	18.7	918	49	0	1	0
AmberLED 17w Q-WPR25GRQ	18.7	899	48	0	1	0

Projected Lumen Maintenance

Data shown for Amber LEDs		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 18.7w	1.00	0.96	0.92	0.92	187,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.96	0.96	0.91	113,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.94	0.94	0.89	88,000

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

Spectral Chart

