

WPC30Q DuraLED Amber Wall Mount Cutoff Luminaire



Shown with Clear Molded UV-Stabilized Polycarbonate Lens

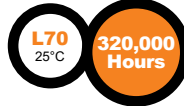


Shown with SoftLED LumaLens Opal UV-Stabilized Polycarbonate Array Lens



Project Information	
Project Name: _____	Fixture Type: _____
Complete Catalog #: _____	Date: _____
Comments: _____	

The contemporary-styled DuraGuard Amber WPC30Q Wall Mount Cutoff Luminaire 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 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 SoftLED LumaLens 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.

DURALED LED:

Aluminum Boards

WATTAGE:

22w Array: 22w, System: 23.8w

DRIVER:

Electronic Driver, 120-277V, 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.

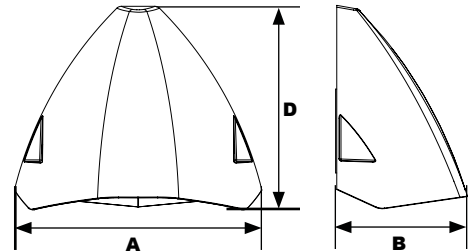
CONTROLS:

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 DuraGuard 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.

See Page 2 for Projected Lumen Maintenance Table.



Dimensions

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

DuraLED TECHNOLOGY

Complete Units Ordering Information
Example: **WPC30QF1X22UAMCZSP**

WPC30Q DuraLED Amber Wall Mount Cutoff Luminaire

DuraLED Amber Series

WPC30Q	F	1X22	U	AM			
Model	Optics	Wattage	Driver	CCT	Color	Options	
WPC30Q= DuraLED Amber Wall Mount Cutoff Luminaire	F= Type V	1X22= 22w	U= 120-277V	AM= Amber		Z= Bronze C= Custom (Consult Factory)	
						C= Clear Molded UV-Stabilized Polycarbonate Lens L= SoftLED LumaLens Opal UV-Stabilized Polycarbonate Array Lens*	
						*F Optic Only.	
						SF= Single Fuse* DF= Double Fuse* SP= Surge Protection PC3= Photocell, 120-277VAC S2= Microwave Sensor with Dimming for Mounting Heights of 8' to 40'* BU= Battery Backup* BUC= Cold Start Battery Backup, -20°C, 90 Minutes*	

*120-277V Models Only.



Specifications subject to change without notice.

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ACCESSORIES & REPLACEMENT PARTS:

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 DuraGuard LED Battery Backup Specification Sheet.

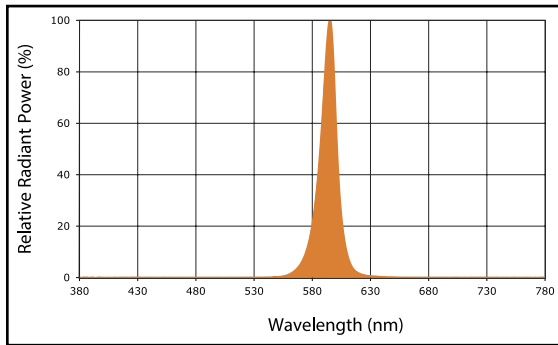


P18103



P17117

SPECTRAL CHART



PHOTOMETRIC PERFORMANCE

LED Board Watts	Input Watts	Optics	Amber LED				
			Lumens	LPW	B	U	G
Amber 22w	23.8w	Type V (Clear Lens)	1234	52	0	1	0
		Type V (LumaLens)	982	41	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	23.8w	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.