

AmberLED Technology

WALLY 12

L70
25°C

196,000 Hours

AmberLED Constellation Small Full Cutoff Wall Pack



The LEPG AmberLED WALLY 12 Full Cut-off wall mount luminaire is available with a shielded IES Type V distribution, and is certified by the Florida Fish & Wildlife Conservation Commission (FWC) for wildlife applications that are directly visible from the shore requiring monochromatic AMBER light. LEDs operate between 585 and 595 nm, greater than 560nm required by FWC. Typical applications include retail centers, hotels, residential, parks, schools and universities, office buildings and medical facilities. Mounting heights of up to 12 feet can be used based on light level and uniformity requirements.

Specifications and Features:

Housing:

Die Cast Hinged and Gasketed Aluminum Front Frame and Housing with 1/2" Coin Plugs. Nickel-Plated Stainless Steel Hardware. Photocell Adaptable. Includes Full Baffle Required to Maintain FWC Certification.

Listing & Ratings:

ETL: Listed for Wet Locations, ANSI/UL 1598, 8750; IP65 Sealed LED Compartment.

Finish:

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

Lens:

Tempered Clear Flat Glass Lens

Mounting Options:

Cast-in Template for Mounting Directly Over a 4" Recessed Outlet Box, or Use 1/2" Surface Conduit.

AmberLED:

Aluminum Boards

Wattage:

Array: 22w, System: 24.8w; (175w 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 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 our Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

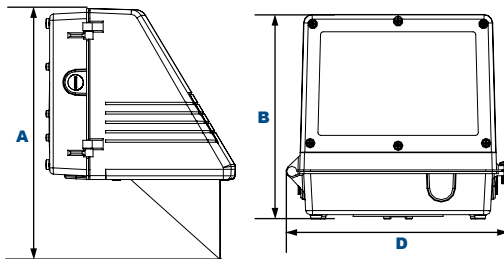
Warranty:

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

See Page 3 for Projected Lumen Maintenance Table.

Dimensions

Width (D)	8 3/4" (222mm)
Length (B)	9 1/2" (241mm)
Height (A)	12 1/2" (320mm)



Project Information:

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



Certification #2018-001

AmberLED

585-595NM

Certification & Listings:



Specifications subject to change without notice. Rev. 021624

Order Information Example:

WALLY 12-F-1X22-U-AM-C-Z-SP-BF

WALLY 12	F	1X22		AM	C			BF
Model	Optics	Wattage	Driver	CCT	Lens	Color	Options	Shield
WALLY 12=AmberLED Constellation Small Full Cutoff Wall Pack	F=Type V	1X22=22w	U=120-277V H=347-480V	AM=Amber, 585-595nm	C=Clear Flat Glass Lens	Z=Bronze C=Custom (Consult Factory)	SF =Single Fuse* DF =Double Fuse* SP =Surge Protection PC3 =Photocell, 120-277VAC P12 =Pencil Photocell, 208-277VAC P14 =Pencil Photocell, 120-277VAC P20 =Swivel Photocell, 120VAC P22 =Swivel Photocell, 208-277VAC BU =Battery Backup, 90 Minutes* BUC =Cold Start Battery Backup, -20°C, 90 Minutes* *120-277V Models Only.	BF=Baffle

Accessories & Replacement Parts:

Replacement Parts (Order Separately, Field Installed)

WPC12GLC Tempered Clear Flat Glass Lens.

P18103 120-277VAC Photocell

P18112 208-277V, 240VAC Pencil Photocell

P18114 120-277V, 50/60Hz Pencil Photocell

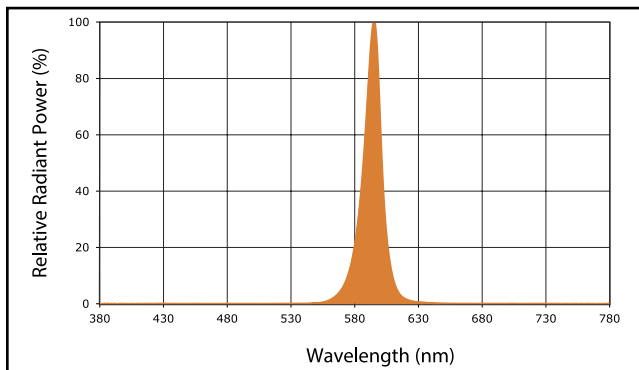
P18120 110-130V, 120VAC Swivel Photocell

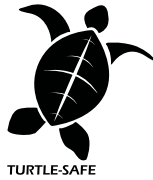
P18122 208-277V, 240VAC Swivel Photocell

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



Spectral Chart





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Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	Amber LEDs	
				Lumens	LPW
AmberLED 22w	525	25	Type V	794	32

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	25	1.00	0.96	0.92	0.85	196,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.93	0.86	0.73	110,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.94	0.88	0.76	84,000

- NOTES:
- 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.
 - Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.