

LXSM301

L70
25°C

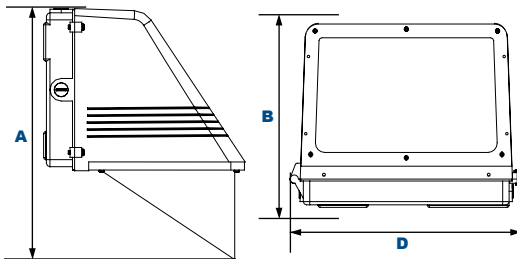
213,000 Hours

AmberLED Constellation Medium Full Cutoff Wall Pack



Dimensions

Width (D)	14 1/4" (361mm)
Length (B)	11 1/2" (289mm)
Height (A)	14" (356mm)



Order Information Example:

LXSM301-F-40-U-AM-C-BF

LXSM301	F	40	U	AM	C			BF
Model	Optics	Wattage	Driver	CCT	Lens	Color	Options	Shield

LXSM301 =
AmberLED
Constellation Medium
Full Cutoff Wall Pack

F=Type V

40=37w

U=120-277V

AM=Amber

C=Clear Flat
Glass Lens

Z=Bronze
C=Custom
(Consult Factory)

SF=Single Fuse
DF=Double Fuse
SP=Surge Protection
PC1=Photocell, 120VAC
PC2=Photocell, 250-305VAC
BU=Battery Backup, 90 Minutes

BF=Baffle

Project Information:

Project Name:

Fixture Type:

Complete Catalog #:

Date:

Comments:

Certification & Listings:



AmberLED Technology

The AmberLED LXSM301 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:

CSA: Listed for Wet Locations, ANSI/UL 1598, 8750
IP55 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: 37w, System: 40w
(250w HID Equivalent)

Driver:

Electronic Driver, 120-277V, 50/60Hz; Dimmable Driver

Warranty:

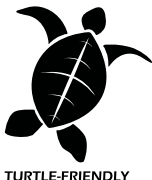
5-Year Warranty for -40°C to +40°C Environment.

See Page 2 for Projected Lumen Maintenance Table.

AmberLED



Certification #2018-001



Accessories & Replacement Parts:



PC1 & PC2



3EBL1202774500

Replacement Parts

(Order separately, Field installed)

WPC15GLC Tempered Clear Flat Glass Lens.

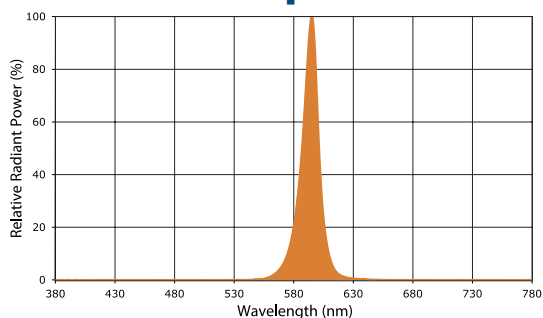
PC1 120VAC, Photocell

PC2 250-305VAC, Photocell

3EBL1202774500 Battery Backup, Provides 90 Minutes of Backup Power.

Photometric Data

Amber LED - Spectral Chart



Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	Amber LEDs	
				Lumens	LPW
AmberLED 37w	525	40	Type V	1,279	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 L70@ 25°C	
L70 Lumen Maintenance @ 25°C / 77°F	40	1.00	0.96	0.93	0.86	213,000	
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	40	1.00	0.93	0.87	0.73	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	40	1.00	0.95	0.89	0.78	91,000	

NOTES:

1. 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.
2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.