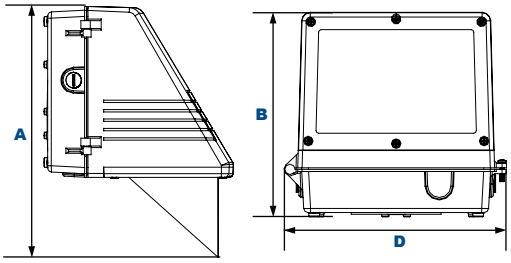
LEDALUX®
A DIVISION OF MULE LIGHTING, INC.

TURTLE-FRIENDLY

LXSM301

L70 25°C 196,000 Hours

AmberLED Constellation Small Full Cutoff Wall Pack



Dimensions	
Width (D)	8¾″ (222mm)
Length (B)	9½″ (241mm)
Height (A)	12½″ (320mm)

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 ½" 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 ½″ 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; Dimmable Driver

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

See Page 2 for Projected Lumen Maintenance Table.

AmberLED

WILDLIFE LIGHTING
Certification #2018-001

Order Information Example: LXSM301-F-20-U-AM-C-BF

LXSM301	F	20		AM	C			BF
Model	**Optics**	**Wattage**	**Driver**	**CCT**	**Lens**	**Color**	**Options**	**Shield**
LXSM301=AmberLED Constellation Small Full Cutoff Wall Pack	**F**=Type V	**20**=22w	**U**=120-277V **H**=347/480V	**AM**=Amber	**C**=Clear Flat Glass Lens	**Z**=Bronze **C**=Custom (Consult Factory)	**SF**=Single Fuse **DF**=Double Fuse **SP**=Surge Protection **P10**=Pencil Photocell, 120VAC **P12**=Pencil Photocell, 208-277VAC **P20**=Swivel Photocell, 120VAC **P22**=Swivel Photocell, 208-277VAC **BU**=Battery Backup, 90 Minutes	**BF**=Baffle

Project Information:

Project Name: _____ Fixture Type: _____

Complete Catalog #: _____ Date: _____

Comments: _____

Certification & Listings:

IP55

Specifications subject to change without notice. Rev. 022718

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Accessories & Replacement Parts:

P18110 & P18112

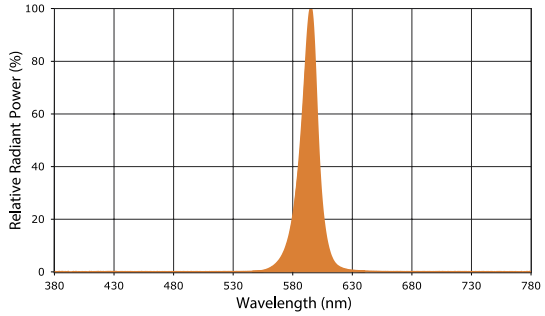
P18120 & P18122

3EBL120277

Replacement Parts (Order separately, Field installed)	
WPC12GLC	Tempered Clear Flat Glass Lens.
P18110	110-130V, 120VAC Pencil Photocell
P18112	208-277V, 240VAC Pencil Photocell
P18120	110-130V, 120VAC Swivel Photocell
P18122	208-277V, 240VAC Swivel Photocell
3EBL120277	Battery Backup, Provides 90 Minutes of Backup Power.

Photometric Data

Amber LED - Spectral Chart



Photometric Performance

				Amber LEDs	
LED Board Watts	Drive Current (mA)	Input Watts	Optics	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 L70@ 25°C
L70 Lumen Maintenance @ 25°C / 77°F	25	1.00	0.96	0.92	0.85	196,000
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	25	1.00	0.93	0.86	0.73	110,000
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	25	1.00	0.94	0.88	0.76	84,000

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.

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