LEDALUX®

LED WALL PACK LXSM301-40 EZ SPEC

CATALOG NUMBER:

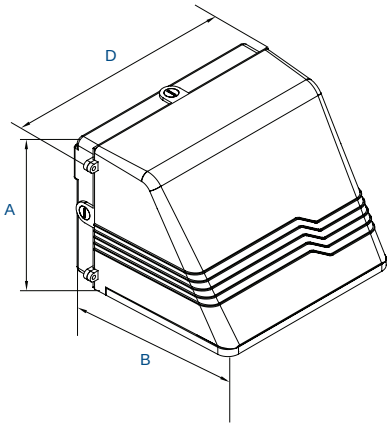
NOTES:

FIXTURE TYPE:

PROJECT:

L70 25°C 213,000 Hours

EasyLED AMBER Medium Full Cutoff Wall Pack



The LXSM301-40 Amber LED cut-off wall pack luminaire is available in an IES Type V distribution designed to replace HID lighting systems 175w to 250 MH or HPS for wildlife or security applications requiring monochromatic AMBER light. LEDs operate between 585 and 595 nm, greater than 560nm required for wildlife protection. Typical wall mounted lighting applications include retail centers, industrial parks, schools and universities, office buildings and medical facilities. Mounting heights of 12 to 18 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.

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

Lens:
Clear Flat Glass Lens or Clear Flat Prismatic Glass Lens.

Mounting Options:
Cast-in Template for Mounting Directly Over a 4" Recessed Outlet Box, or Use ½" Surface Conduit.

EasyLED LED:
Aluminum Boards

Wattage:
Array: 37w, System: 40w
(250w HID Equivalent)

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

Listing & Ratings:
CSA: Listed for Wet Locations, ANSI/UL 1598, 8750
IP55 Sealed LED Compartment.
Operating Temperatures: -40°C to +40°C
LM-79 Report Available on Select Models.
See Page 2 for Projected Lumen Maintenance Table.
5-Year Warranty.

Dimensions	
Width (D)	14¼" (362mm)
Length (B)	11⅜" (289mm)
Height (A)	9⅛" (232mm)

Order Information Example: **LXSM301-C-40-U-AM-C-BZ-IBB**

Model	Optics	Wattage	Ballast	CCT	Lens	Color	Options
LXSM301=EasyLED Medium Full Cutoff Wall Pack	F=Type V	**40**=37w	U=120-277V	**AM**=Amber	C=Clear Flat Glass Lens P=Clear Flat Prismatic Glass Lens	**B**Z=Bronze C=Custom (Consult Factory)	SF=Single Fuse DF=Double Fuse SP=Surge Protection P**C1**=Photocell, 120VAC P**C2**=Photocell, 240-277VAC **IBB**= Internal Battery Backup, 90 Minutes

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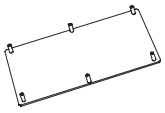
Accessories & Replacement Parts:



WPC15LG

WPC15WG

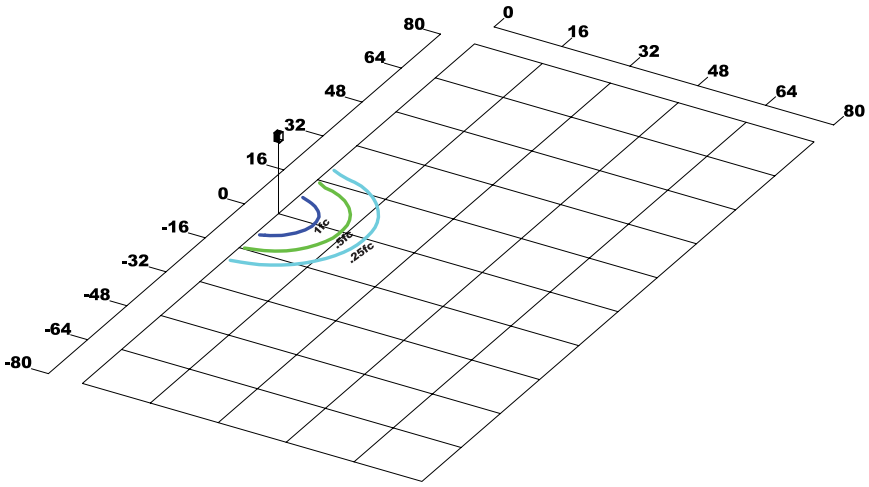
IBB

PC1 & PC2

Accessories (Order separately, Field installed)	
WPC15LG	Clear Polycarbonate Vandal Resistant Guard, Includes Hardware.
WPC15WG	Wire Guard, Stainless Steel Construction, Includes Hardware.

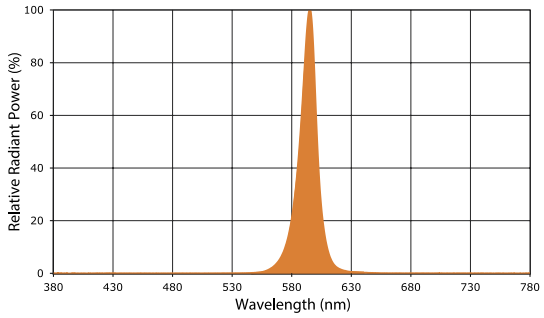
Replacement Parts (Order separately, Field installed)	
WPC15GLC	Clear Flat Glass Lens
WPC15GLP	Prismatic Flat Glass Lens
PC1	120VAC, Photocell
PC2	240-277VAC, Photocell
IBB	Battery Backup, Provides 90 Minutes of Backup Power.

Photometric Data



LXSM301-F-40-U-AM
Type V
Grid in MH
MH=16 Feet

Amber LED - Spectral Chart



Photometric Performance

				Amber LEDs				
LED Board Watts	Drive Current (mA)	Input Watts	Optics	Lumens	LPW	B	U	G
AmberLED 37w	525	40	Type V	1,279	32	1	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 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.