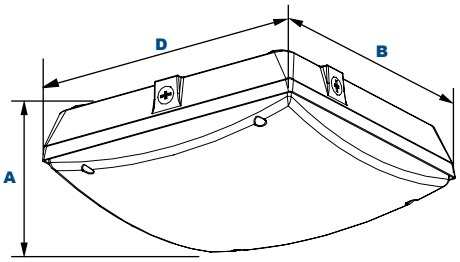
V44

L70 25°C — 147,000 Hours

EasyLED Low Profile Large Surface Mount

BUY AMERICAN ACT COMPLIANT



Dimensions	
Width (D)	12½″ (315mm)
Length (B)	12½″ (315mm)
Height (A)	4¼″ (106mm)

EasyLED Technology

The Jemm Lighting V44 Low Profile Large Surface Mount light is available with an optical distribution designed specifically to replace HID lighting systems up to 175w MH or HPS. Typical lighting applications include retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 12 to 20 feet can be used based on light level and uniformity requirements.

Specifications and Features:

Housing:
Die Cast Aluminum Housing, ½″ Coin Plugs with O-rings for Conduit & Photocell on Three Sides & Back, Nickel-Plated Stainless Steel Hardware.

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:
SoftLED Low Profile LumaLens Opal Polycarbonate Vandal-Resistant Lens

Mounting Options:
Mount Directly Over a 4″ Recessed Outlet Box, or Use ½″ Surface Conduit.

EasyLED LED:
Aluminum Boards

Wattage:
Array: 45.4w, System: 53.7w; (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 6kV. 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 LEPG 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 2 for Projected Lumen Maintenance Table.

Order Information Example: V44F45U5KLPZSP

VN44Q	F	45			LP		
Model	**Optics**	**Wattage**	**Driver**	**CCT**	**Lens**	**Color**	**Options**
V44= EasyLED Low Profile Large Surface Mount	**F**=Type V	**45**=45w	**U**=120-277V **H**=347-480V	**4K**=4000K **5K**=5000K	**LP**=SoftLED Low Profile LumaLens Opal Polycarbonate Lens	**Z**=Bronze **C**=Custom (Consult Factory)	**SF**=Single Fuse **DF**=Double Fuse **SP**=Surge Protection **PC1**=Photocell, 120VAC **PC3**=Photocell, 120-277VAC **S2**=Microwave Sensor with Dimming for Mounting Heights of 8 to 40´ (120-277V Only) **BU**=Battery Backup, 90 Minutes

Project Information:

Project Name:

Fixture Type:

Complete Catalog #:

Date:

Comments:

Certification & Listings:

IP66

SoftLED

V44

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Accessories & Replacement Parts:

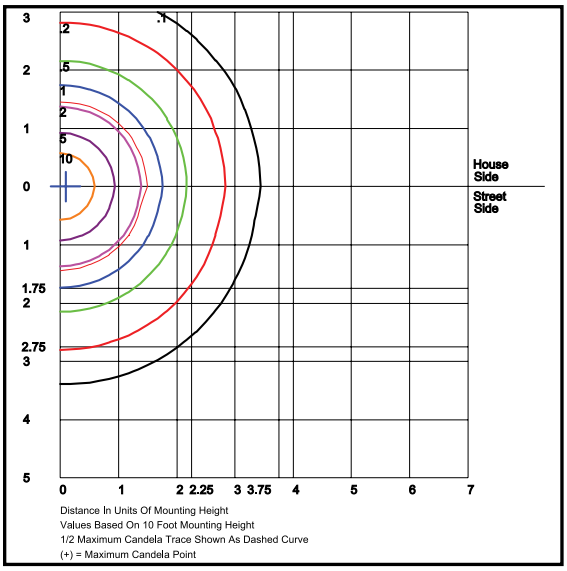
P18100 & P18103

P17117

Replacement Parts (Order Separately, Field Installed)	
P18100	120VAC Photocell
P18103	120-277VAC Photocell
P17117	Internal Microwave Sensor with Dimming for Mounting Heights of 8 to 40´. 120-277VAC, 50/60Hz

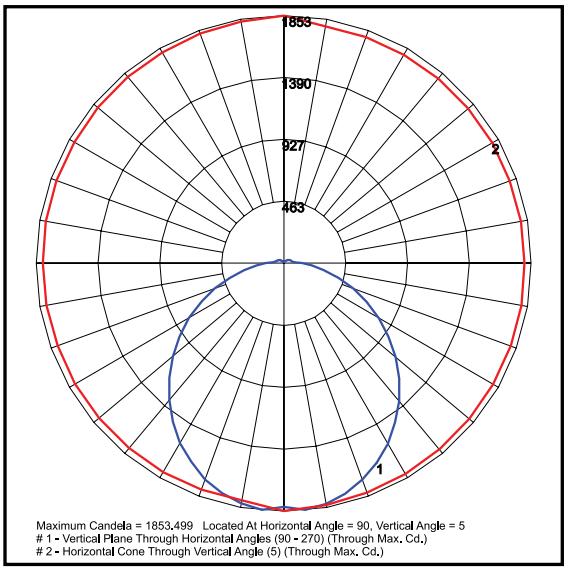
For Replacement Battery Backup, see the LEPG LED Battery Backup Specification Sheet.

Photometric Data



V44F5U5KLP
Type V

Grid in MH
MH=10 Feet



V44F45U5KLP
Type V

Photometric Performance

				5000 CCT 80 CRI					4000 CCT 80 CRI				
LED Board Watts	Drive Current (mA)	Input Watts	Optics	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
EasyLED 45w	117	54	Type V	5,727	107	2	3	2	5,498	102	2	3	2

Projected Lumen Maintenance

Data shown for 5000 CCT			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	54	1.00	0.95	0.90	0.80	147,000
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	54	1.00	0.89	0.78	0.55	67,000
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	54	1.00	0.92	0.85	0.70	66,000

NOTES:
1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 117mA 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.