

# V34

L70  
25°C

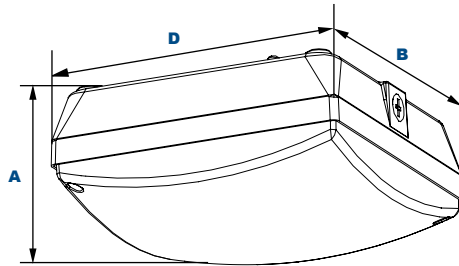
169,000 Hours

## EasyLED Low Profile Medium Surface Mount



### Dimensions

<b>Width (D)</b>	9" (229mm)
<b>Length (B)</b>	9" (229mm)
<b>Height (A)</b>	4" (102mm)



The Jemm Lighting V34 Low Profile Medium Surface Mount light is available with an optical distribution designed specifically to replace HID lighting systems up to 100w 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 8 to 14 feet can be used based on light level and uniformity requirements.

### Specifications and Features:

#### Housing:

Die Cast Aluminum Housing, 1/2" Coin Plugs with O-rings for Conduit & Photocell on Two Sides & Back, Nickel-Plated Stainless Steel Hardware.

#### Listing & Ratings:

CSA: Listed for Wet Locations, ANSI/UL 1598, 8750; IP66 Sealed LED Compartment. ADA Compliant.

#### 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 1/2" Surface Conduit.

#### EasyLED LED:

Aluminum Boards

#### Wattage:

Array: 21.7w, System: 27w; (100w 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 LEPC 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:

VN34QF1X23U5KLPZSP

V34	F	23			LP		
Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
VN34Q= EasyLED Low Profile Medium Surface Mount	F=Type V	23w	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 BU=Battery Backup, 90 Minutes

### Project Information:

Project Name: \_\_\_\_\_ Fixture Type: \_\_\_\_\_

Complete Catalog #: \_\_\_\_\_ Date: \_\_\_\_\_

Comments: \_\_\_\_\_

### Certification & Listings:



## EasyLED Low Profile Medium Surface Mount

### Accessories & Replacement Parts:



P18100 & P18103

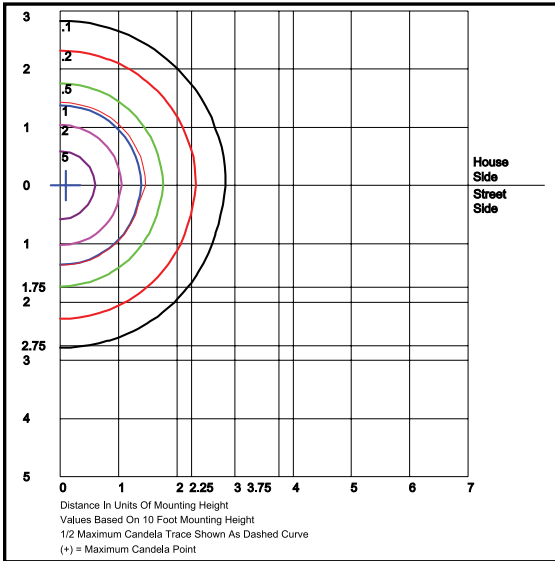
### Replacement Parts (Order Separately, Field Installed)

P18100 120VAC Photocell

P18103 120-277VAC Photocell

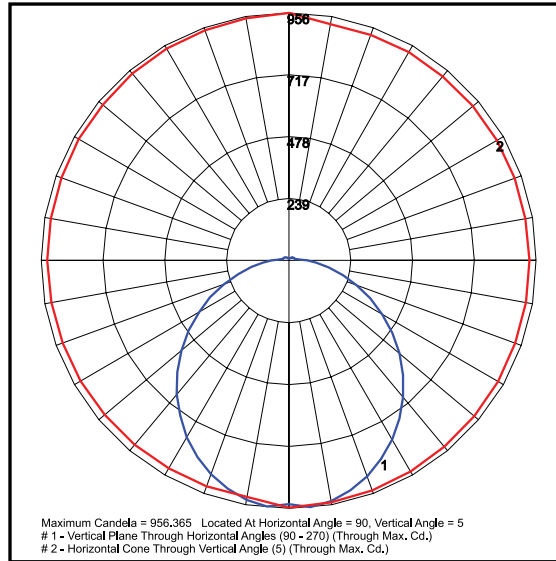
For Replacement Battery Backup, see the LEPG LED Battery Backup Specification Sheet.

### Photometric Data



V34F23U5KLP Type V

Grid in MH  
MH=10 Feet



V34F23U5KLP Type V

### Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	5000 CCT 80 CRI				4000 CCT 80 CRI					
				Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
EasyLED 23w	117	27	Type V	2,890	107	1	3	1	2,774	103	1	3	1

### 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	27	1.00	0.96	0.91	0.82	169,000	
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	27	1.00	0.92	0.85	0.69	98,000	
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	27	1.00	0.93	0.87	0.73	75,000	

**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.