

# AF33XVN44Q

L70

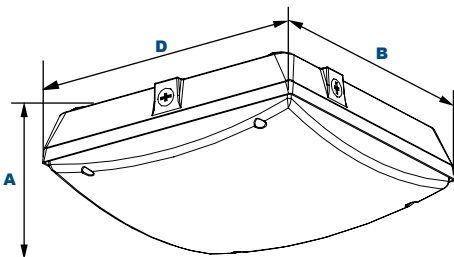
147,000 Hours

## CEEL Low Profile Canopy Light



### Dimensions

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



### Order Information Example:

AF33XVN44QF1X45U5KLPZSP

## AF33XVN44Q F 1X45

## LP

Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
AF33XVN44Q= CEEL Low Profile Large Surface Mount	F=Type V	1X45=45w	U=120-277V H=347-480V	4K=4000K 5K=5000K	LP=SoftLED Low Profile LumaLens Opal UV-Stabilized Polycarbonate Lens	Z=Bronze C=Custom (Consult Factory)	SF=Single Fuse (120-277V Only) DF=Double Fuse (120-277V Only) 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) S4=Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19', (120-277V Only) BU=Battery Backup, 90 Minutes

### Project Information:

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

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

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

The CEEL AF33XVN44Q canopy luminaire is available with an optical distribution designed specifically to replace HID lighting systems up to 100w MH or HPS. 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, 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:

Low Profile Opal UV-Stabilized Polycarbonate Vandal-Resistant Lens

#### Mounting Options:

Mount Directly Over a 4" Recessed Outlet Box, or Use ½" Surface Conduit.

#### 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.

#### Warranty:

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

See Page 2 for Projected Lumen Maintenance Table.

### Certification & Listings:



### Accessories & Replacement Parts:



**AF33XP18100 & AF33XP18103**



**AF33XP17117**



**AF33XP17123**

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

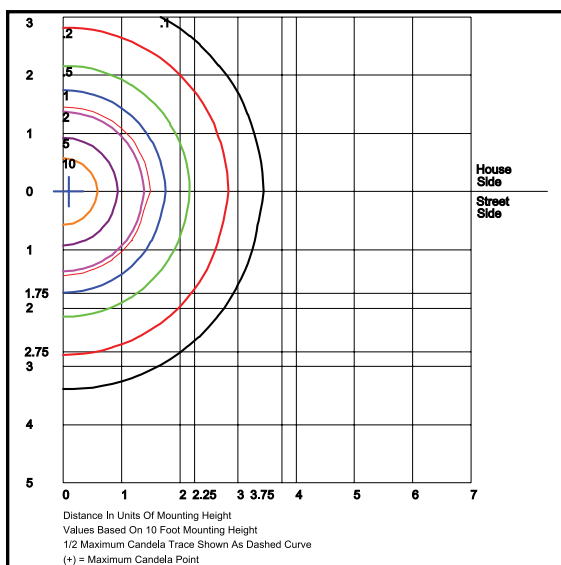
AF33XP18100 120VAC Photocell

AF33XP18103 120-277VAC Photocell

AF33XP17117 Internal Microwave Sensor with Dimming for Mounting Heights of 8 to 40'. 120-277VAC, 50/60Hz

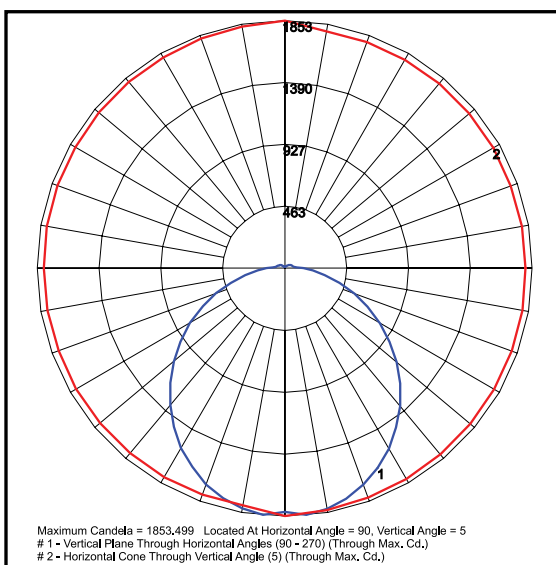
AF33XP17123 Internally Mounted Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19', 120-277VAC, 50/60Hz

### Photometric Data



**AF33XVN44QF1X45**  
**U5KLP Type V**

Grid in MH  
MH=10 Feet



**AF33XVN44QF1X45**  
**U5KLP 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
45w LED	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.