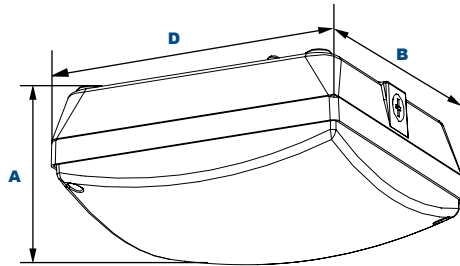


AF33XVN34Q

CEEL Low Profile Canopy Light

L70
25°C **169,000 Hours**



Dimensions

Width (D)	9" (229mm)
Length (B)	9" (229mm)
Height (A)	4" (102mm)

Order Information Example:

AF33XVN34QF1X23U5KLPZSP

Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
AF33XVN34Q= Low Profile Medium Surface Mount	F=Type V	1X23=23w	U=120-277V H=347-480V	4K=4000K 5K=5000K	LP=Low Profile 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 BU=Battery Backup, 90 Minutes

Project Information:

Project Name: _____ Fixture Type: _____

Complete Catalog #: _____ Date: _____

Comments: _____

Certification & Listings:



The CEEL AF33XVN34Q 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, 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:

Low Profile Opalescent UV-Stabilized 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.

Warranty:

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

See Page 2 for Projected Lumen Maintenance Table.

Accessories & Replacement Parts:



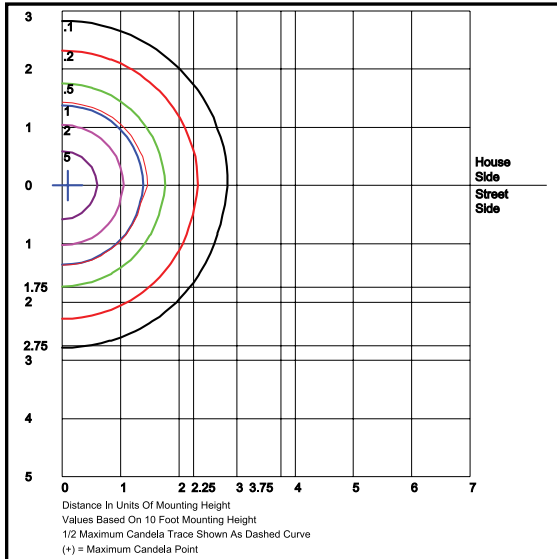
AF33XP18100 & AF33XP18103

Replacement Parts (Order Separately, Field Installed)

AF33XP18100 120VAC Photocell

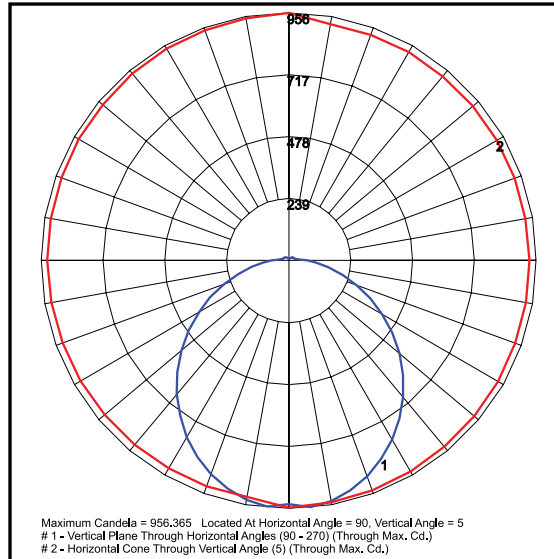
AF33XP18103 120-277VAC Photocell

Photometric Data



AF33XVN34QF1X23
U5KLP Type V

Grid in MH
MH=10 Feet



AF33XVN34QF1X23
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
23w LED	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.