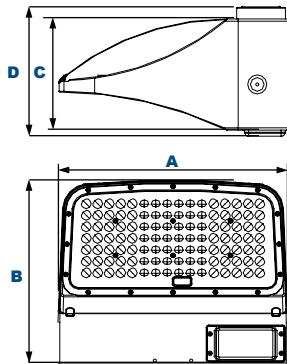


AF33XWPC45Q

CUDL Full Cutoff Wall Mount

L70
25°C **646,000 Hours**



Dimensions

Width (A)	15" (380mm)
Length (B)	12" (302mm)
Height 1 (C)	5 1/4" (146mm)
Height 2 (D)	6" (154mm)

The CUDL full cutoff wall luminaire is available in three wattages with a specially designed Type IV wide forward throw optical distribution that is designed to replace HID lighting systems of 175W, 250W or 400W MH or HPS. One 174 watt CUDL with increased mounting height can replace 2 existing 400W MH wall packs to dramatically lower energy costs. Typical wall mounted lighting applications include retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 18 to 35 feet can be used based on light level and uniformity requirements.

Specifications and Features:

Housing:

Die Cast Aluminum Housing with Full Cutoff Front Frame, Integral Heat Sinking and Driver Compartment. Polycarbonate Vandal-Resistant Lens Area on Housing for Use with Microwave Sensors. Twist-Lock Photocell/Smart Controls Adaptable. 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:

Clear One-Piece Molded Type IV Polycarbonate Lens.

Mounting Options:

Mount Directly Over a 4" Recessed Outlet Box, Includes Easy-Hang "Two Hands Free" Wall Mounting Bracket with Built-In Level. Optional Trim Plate is Available for Use in Retrofit Applications to Cover Wall Surface Blemishes.

EasyLED LED:

Aluminum Boards

Wattage:

81w: Array: 80.8w, System: 92.8w (175w HID Equivalent)
112w: Array: 111.9w, System: 131w (250w HID Equivalent)
174w: Array: 174.1w, System: 187.5w (400w 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 Access Fixtures 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 +50°C Environment.

See Page 2 for Projected Lumen Maintenance Table.

Order Information Example:

AF33XWPC45QD1X174U5KCZSP

AF33XWPC45Q	D	C					
Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
AF33XWPC45Q= CUDL Full Cutoff Wall Pack	D=Type IV	1X81=81w 1X112=112w 1X174=174w	U=120-277V H=347-480V	4K=4000K 5K=5000K	C=Clear Molded Polycarbonate Lens	Z=Bronze C=Custom (Consult Factory)	SF=Single Fuse DF=Double Fuse SP=Surge Protection R3=3-Pin Twist Lock Photocell Receptacle R7=7-Pin ANSI C136.41—2013 Twist Lock Photocell Receptacle PC1=Photocell, 120VAC PC2=Photocell, 250-305VAC S2=Microwave Sensor with Dimming for Mounting Heights of 8 to 40' BU=Battery Backup, 90 Minutes* *81w and 112w only.

Project Information:

Project Name: _____ Fixture Type: _____

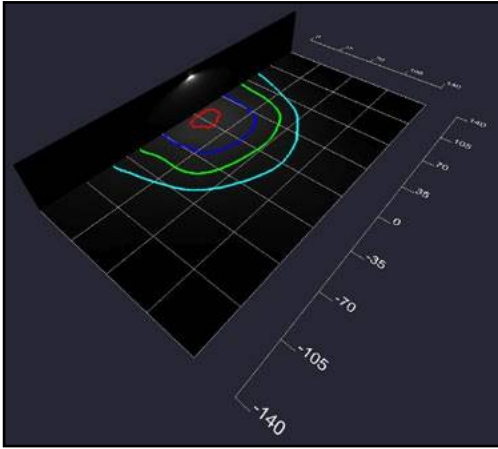
Complete Catalog #: _____ Date: _____

Comments: _____

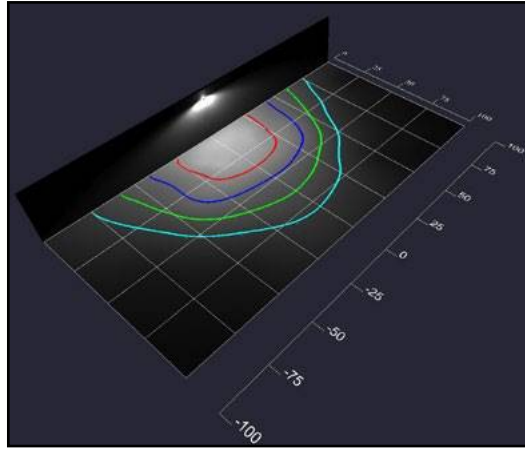
Certification & Listings:



Photometric Data



AF33XWPC45QD1X174U5K
Type IV
Grid in MH
MH=35 Feet



AF33XWPC45QD1X174U5K
Type IV
Grid in MH
MH=25 Feet

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
81w	525	93	Type IV	10,402	112	3 3 3	9,700	104	3 3 3
112w		131		14,689	112	3 3 3	13,697	105	3 3 3
174w		188		21,374	114	3 3 3	19,931	106	3 3 3

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	188	1.00	0.99	0.98	0.95	646,000	
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	188	1.00	0.98	0.97	0.93	455,000	
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	188	1.00	0.98	0.97	0.94	320,000	

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.