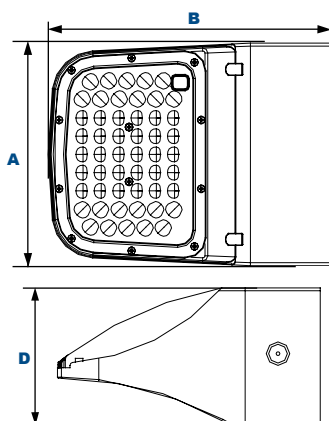


# AF33XWPC44Q

## CUDL Small Full Cutoff Wall Mount

L70  
25°C

646,000 Hours



### Dimensions

<b>Width (A)</b>	8 3/4" (220mm)
<b>Length (B)</b>	11" (280mm)
<b>Height 2 (D)</b>	5 3/4" (146mm)

The CUDL Small 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 up to 175W MH or HPS. 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 12 to 25 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. 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:

25w: Array: 24.9w, System: 28.4w (100w HID Equivalent)  
37w: Array: 37.3w, System: 41.8w (175w HID Equivalent)  
81w: Array: 80.8w, System: 83.7w (175w HID Equivalent)

#### Driver:

Electronic Driver, 120-277V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection is 2kV for 25w, 6kV for 37 and 81w. 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:

AF33XWPC44QD1X81U5KCZSP

AF33XWPC44Q			U		C		
Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
AF33XWPC44Q= CUDL Small Full Cutoff Wall Mount	D=Type IV	1X25=25w 1X37=37w 1X81=81w	U=120-277V	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 S23=Internal Microwave Sensor with Dimming for Mounting Heights of 25' or Less BU=Battery Backup, 90 Minutes* *25w and 37w only.

### Project Information:

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

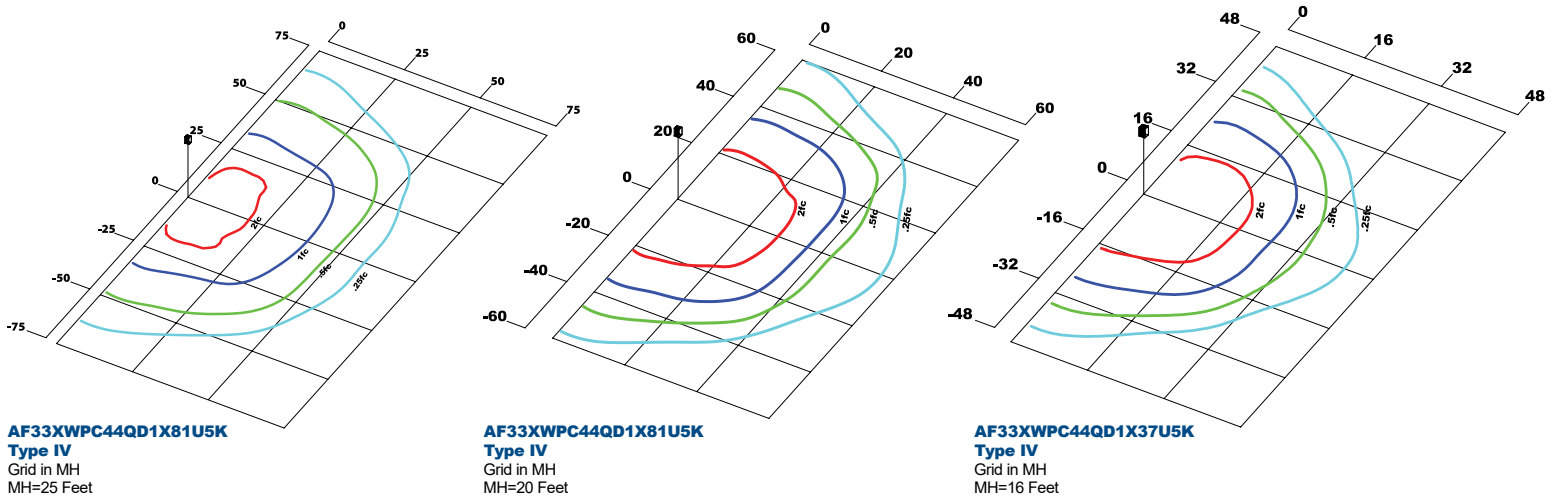
Complete Catalog #: \_\_\_\_\_ Date: \_\_\_\_\_

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

### Certification & Listings:



**Photometric Data**



**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
25w	525	28	Type IV	3,424	122	1	1	1	3,151	113	1	1	1
37w		42		4,604	110	1	1	1	4,459	106	1	1	1
81w		84		9,278	110	2	1	2	9,166	109	2	12	

**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	
<b>L70 Lumen Maintenance @ 25°C / 77°F</b>	84	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	
<b>L70 Lumen Maintenance @ 50°C / 122°F</b>	84	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	
<b>L80 Lumen Maintenance @ 40°C / 104°F</b>	84	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.