Lumencia
Multi-Unit Residential Lighting

Job Name:

Type:

Part #:

Notes:

LLWPC44QD

Lumencia's LLWPC44Q Small PowerPack 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. 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.

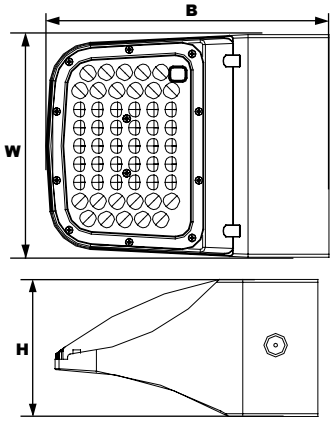
Dimensions: 8.75″W x 11.0"E x 5.75"H

Finish:
Textured Architectural Bronze Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

Lens:
Clear One-Piece Molded Type IV UV-Stabilized 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:
17w: Array: 16.57w, System: 19.4w (100w HID Equivalent)
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 LEPG Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

Notes/Certification/Warranty
Buy American Act Compliant
CSA: Listed for Wet Locations, ANSI/UL 1598, 8750; IP66 Sealed LED Compartment.
5-Year Warranty for -40°C to +50°C Environment.

DesignLights Consortium™ Qualified Luminaires:
LLWPC44QD25U4KC**
LLWPC44QD25U5KC**
LLWPC44QD37U4KC**
LLWPC44QD37U5KC**
LLWPC44QD81U4KC**
LLWPC44QD81U5KC**

IP66

BUY AMERICAN ACT COMPLIANT

Model #	Wattage	Driver	CCT	Lens	Color	Options
LLWPC44QD	17W 25W 37W 81W	**U=**120-277V **C=**347V♦ **H=**347-480V* ♦25w only *25w, 37w and 81w only	30K 40K 50K	**C=** Clear Molded UV-Stabilized Polycarbonate Lens	**BRZ=** Bronze **C=**Custom (Consult Factory)	***SF=**Single Fuse** ***DF=**Double Fuse** ***SP=**Surge Protection* ***R3=**3-Pin Twist Lock Photocell Receptacle* ***R5=**5-Pin Twist Lock Photocell Receptacle* ***R7=**7-Pin ANSI C136.41—2013 Twist Lock Photocell Receptacle* ***PC3=**Photocell, 120-277VAC* ***S23=**Internal Microwave Sensor with Dimming for Mounting Heights of 25′ or Less.* S43=Microwave On/Off Motion Sensor for Mounting Heights of 8′ to 19′.** ***BU=B**attery Backup, 90 Minutes (17w, 25w, 37w & 81w)** ***BUC=**Cold Start Battery Backup, -20°C, 90 Minutes (17w, 25w, 37w & 81w)** ***120-277V Models Only.***

Phone: 215-512-7000 **Fax:** 267-288-5604
www.Lumencia.com

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Accessories (Order Separately, Field Installed)	
P18131	Twist Lock Non-Shorting (Open) Cap Disconnects Service to Fixture for Temporary or Permanent Disabling (Fixture Always Off). IP65, 480V Maximum.
P18132	Twist Lock Shorting Cap Provides Fixed Service to Fixture (Fixture Always on). IP65, Rated Load 7200w Tungsten.
P18140	110-120VAC Instant Twist Lock Photocell
P18152	277VAC Time Delay Twist Lock Photocell
P18156	120-277VAC Universal Twist Lock Photocell
WPC44TPZ	Aluminum Two-Piece Trim Plate, Bronze Powdercoat Finish, 13"W x 9"H

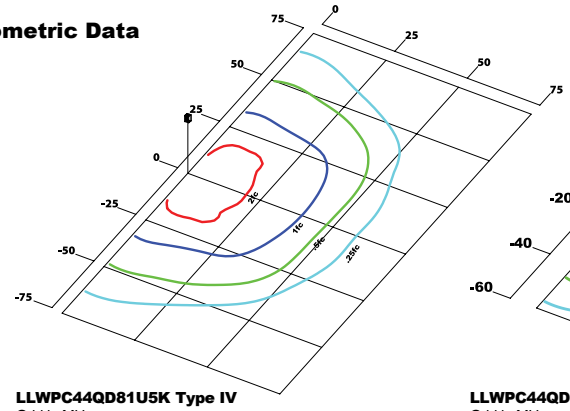
Replacement Parts (Order Separately, Field Installed)	
ACCHSG3	Bronze UV-Stabilized Polycarbonate Housing for Installing Sensors, Includes Sensor Bracket and Gasket.
P18103	120-277VAC Photocell
P17117	Internal Microwave Sensor with Dimming, 120-277VAC, 50/60Hz. Contact Lumencia for Details
P17123	Internally Mounted Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19', 120-277VAC, 50/60Hz
Contact Lumencia for Replacement Battery Backup	

WPC44TPZ*

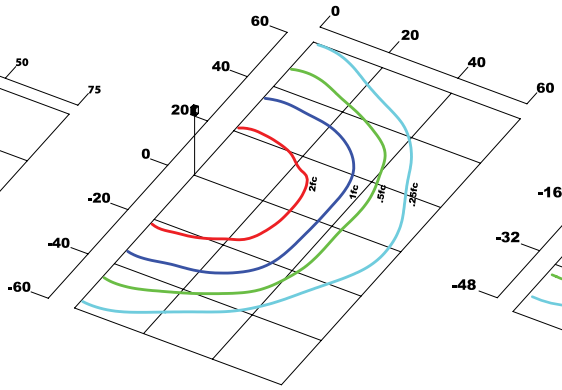
***Shown Mounted.**

ACCHSG3 **P18103** **P17117** **P17123**

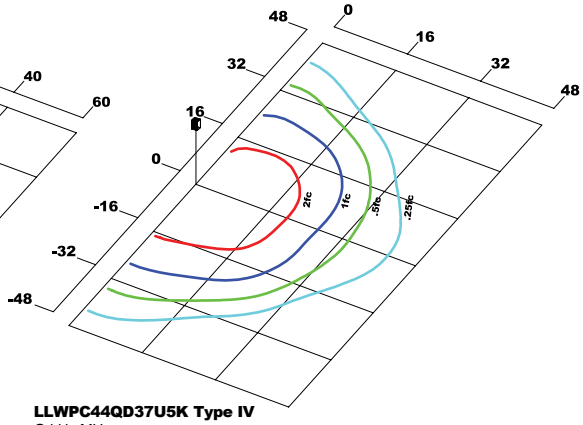
Photometric Data



LLWPC44QD81U5K Type IV
Grid in MH
MH=25 Feet



LLWPC44QD81U5K Type IV
Grid in MH
MH=20 Feet



LLWPC44QD37U5K Type IV
Grid in MH
MH=16 Feet

Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	5000 CCT 80 CRI					4000 CCT 80 CRI					3000 CCT 80 CRI				
				Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
EasyLED 17w	525	19	Type IV	2,326	120	1	0	1	2,140	112	1	0	1	2,151	111	1	0	1
EasyLED 25w		28		3,424	122	1	1	1	3,151	113	1	1	1	3,167	113	1	1	1
EasyLED 37w		42		4,604	110	1	1	1	4,459	106	1	1	1	4,259	101	1	1	1
EasyLED 81w		84		9,278	110	2	1	2	9,166	109	2	1	2	8,582	102	2	1	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 LED Life
L70 Lumen Maintenance @ 25°C / 77°F	All wattages up to and including 84w	1.00	0.99	0.98	0.95	646,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.98	0.97	0.93	455,000
L80 Lumen Maintenance @ 40°C / 104°F		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 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.

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