

LWPCOQ DuraLED Large Wallpack Full Cutoff



Project Information	
Project Name: _____	Fixture Type: _____
Complete Catalog #: _____	Date: _____
Comments: _____	

The DuraGuard LWPCOQ cutoff wall pack luminaire is available with a choice of optical distributions designed to replace HID lighting systems 250w to 400w 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 18 to 30 feet can be used based on light level and uniformity requirements.

SPECIFICATIONS AND FEATURES:

HOUSING:

Die Cast Hinged and Gasketed Aluminum Front Frame and Housing with 1/2" Coin Plugs. Nickel-Plated Stainless Steel Hardware. Photocell Adaptable.

LISTING & RATINGS:

CSA: Listed for Wet Locations, ANSI/UL 1598, 8750 IP65 Sealed LED Compartment.

FINISH:

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

LENS:

Tempered Clear Flat Glass Lens or Tempered Clear Flat Prismatic Glass Lens.

MOUNTING OPTIONS:

Cast-in Template for Mounting Directly Over a 4" Recessed Outlet Box, or Use 1/2" Surface Conduit.

DURALED LED:

Aluminum Boards

WATTAGE:

Array: 37w, System: 40.6w; (250w HID Equivalent)
 Array: 55.8w, System: 60.9w; (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.

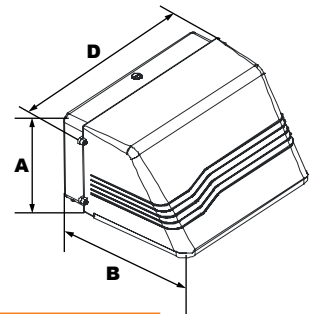
CONTROLS:

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 DuraGuard 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 +40°C Environment.

See Page 2 for Projected Lumen Maintenance Table.



Dimensions

Width (D)	18 1/4" (464mm)
Length (B)	13 3/4" (349mm)
Height (A)	9 1/8" (232mm)

DuraLED TECHNOLOGY

Complete Units
 Ordering Information
 Example: LWPCOQF1X56U5KCZSP

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LWPCOQ

Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
LWPCOQ=	C=Type III F=Type V	1X37=37w 1X56=56w	U=120-277V H=347-480V	4K=4000K 5K=5000K		Z=Bronze C=Custom (Consult Factory)	

C=Clear Flat Glass Lens,
 P=Clear Flat Prismatic Glass Lens*
 *Use with F Optic Only.

SF=Single Fuse*
 DF=Double Fuse*
 SP=Surge Protection
 PC3=Photocell, 120-277VAC
 S2=Microwave Sensor with Dimming for Mounting Heights of 8' to 40'.*
 S4=Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19'.*
 BU=Battery Backup*

*120-277V Models Only.



DesignLights Consortium™
 Qualified Luminaires:
 LWPCOQF1X56[U H]5KC**



Specifications subject to change without notice.

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ACCESSORIES & REPLACEMENT PARTS:



LWPCOWG



P18103

Accessories (Order Separately, Field Installed)	
LWPCOWG	Wire Guard, Stainless Steel Construction, Includes Hardware.

Replacement Parts (Order Separately, Field Installed)	
LWPCOGL	Tempered Clear Flat Glass Lens.
LWPCOGLP	Tempered Prismatic Flat Glass Lens.
P18103	120-277VAC Photocell
P17117	Internal Microwave Sensor with Dimming for Mounting Heights of 8 to 40'. 120-277VAC, 50/60Hz
P17123	Internally Mounted Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19', 120-277VAC, 50/60Hz
For Replacement Battery Backup, see the DuraGuard LED Battery Backup Specification Sheet.	

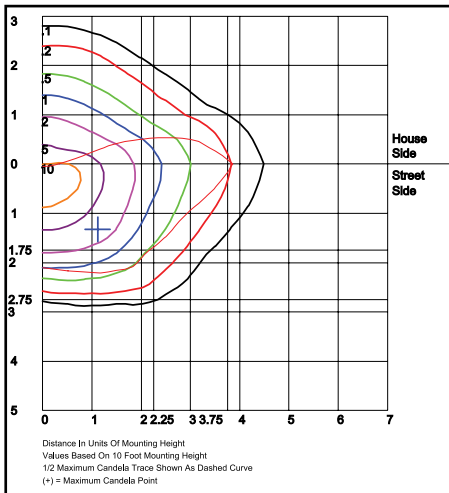


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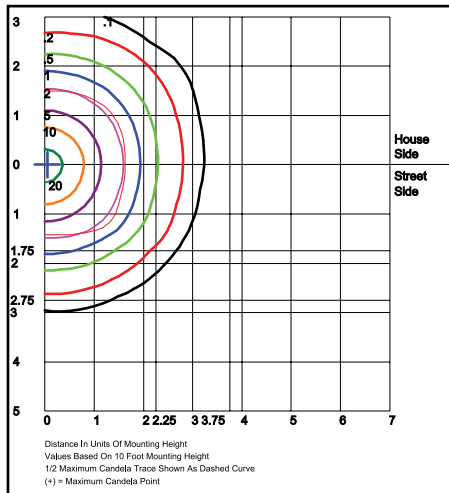
P17123

PHOTOMETRIC DATA



LWPCOQC1X56U5KC

Type III
Grid in MH
MH=10 Feet



LWPCOQF1X56U5KC

Type V
Grid in MH
MH=10 Feet

PHOTOMETRIC PERFORMANCE

Optic	CCT	Wattage (Catalog Logic)	
		37W (1X37)	56W (1X56)
		Input Watts	Delivered Lumens
C = Type III	4000K	4,074	6,112
	5000K	4,244	6,366
	BUG Rating	B1-U2-G1	B2-U2-G2
F = Type V	4000K	4,510	6,765
	5000K	4,698	7,047
	BUG Rating	B2-U2-G1	B2-U2-G1

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 61w	1.00	0.96	0.93	0.85	201,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.93	0.86	0.73	110,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.94	0.88	0.77	86,000

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.