



Catalog Number:

Project:

Comments:

Prepared By:

Date:

Technical Specifications

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

Lens: Tempered Clear Flat Glass Lens

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

Finish: Textured powdercoat finish over a chromate conversion coating. Custom colors available upon request.

LED: EasyLED Aluminum Boards

Wattage: Array: 15W, System: 15.8W; (150W HID Equivalent)
Array: 21.7W, System: 23.7W; (175W HID Equivalent)

Color Temperature: 4000K and 5000K

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.

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 wire interface of 1-10V dimming is not implied and may not be available, please consult factory. Fixtures are tested with factory controls and may not function properly with controls supplied by others. Fixtures are NOT designed for use with line voltage dimmers.

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

Buy American Act: The product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS, and DOT regulations.

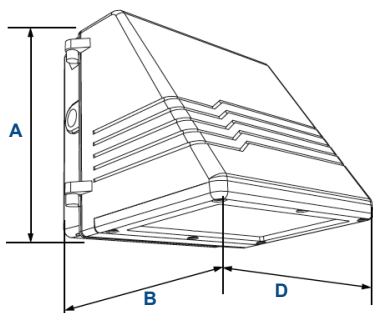
Warranty: 5-Year Warranty for -40°C to +50°C Environment. For full warranty terms, please visit our website: www.lumecon.com

Description

The LWS-WSFC cutoff wall pack luminaire is available with a choice of optical distributions designed to replace HID lighting systems 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 8 to 15 feet can be used based on light level and uniformity requirements.

Dimensions

Width (D)	8 1/4" (222mm)
Height (A)	8 5/8" (219mm)
Length (B)	9 1/2" (241mm)



Ordering Information

LWS - WSFC Options / Ordering Example: LWS-WSFC-C-1x25-U-3K-C-Z-SF

Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
LWS-WSFC	C - Type III	1X15 - 15W	U - 120-277V	4K - 4000	C - Clear Flat Glass Lens	Z - Bronze	SF - Single Fuse*
	F - Type V	1X22 - 22W	H - 347-480V*	5K - 5000		C - Custom	DF - Double Fuse*
			*22w Models Only				SP - Surge Protection
							PC3 - Photocell, 120-277VAC
							P12 - Pencil Photocell, 208-277VAC
							P14 - Pencil Photocell, 120-277VAC
							P20 - Swivel Photocell, 120VAC
							P22 - Swivel Photocell, 208-277VAC
							BU - Battery Backup, 90 Minutes*
							BUC - Cold Start Battery Backup, -20°C, 90 Minutes*
							*120-277V Models Only

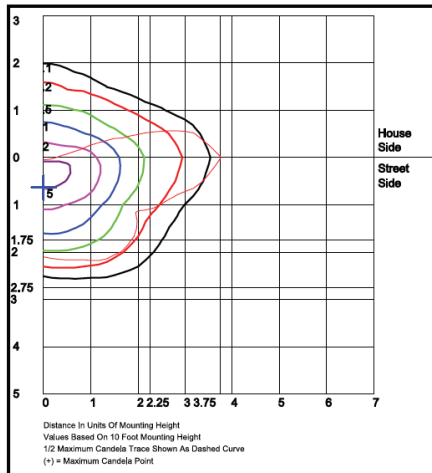
Accessories & Replacement Parts

Accessories (Order Separately, Field Installed)	Replacement Parts (Order Separately, Field Installed)
SSBS - Stainless Steel Bird Spikes	WPC15GLC - Tempered Clear Flat Glass Lens.
	P18103 - 120-277VAC Photocell
	P18112 - 208-277V, 240VAC Pencil Photocell
	P18114 - 120-277V, 50/60Hz Pencil Photocell
	P18120 - 110-130V, 120VAC Swivel Photocell
	P18122 - 208-277V, 240VAC Swivel Photocell
	<i>For Replacement Battery Backup, see the QSSI LED Battery Backup Specification Sheet.</i>
	
	P18103 P18112 P18114 P18120 & P18122

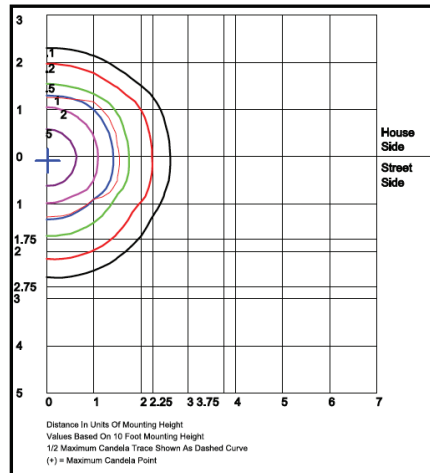
Photometric Performance

Optic	CCT	15W (1x15)	22W (1x22)
C - Type III	4000K	1,386	2,079
	5000K	1,444	2,166
	BUG Rating	0-2-0	1-2-1
F - Type V	4000K	1,556	2,334
	5000K	1,621	2,432
	BUG Rating	1-2-0	1-2-0

Photometric Data



LWS-WSFC-C-1x22-U-5K-C
Type III
Grid MH
MH=10 feet



LWS-WSFC-F-1x22-U-5K-C
Type V
Grid MH
MH=10 feet

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 24W	1.00	0.96	0.85	0.85	196,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.93	0.86	0.73	110,000
L70 Lumen Maintenance @ 40°C / 104°F		1.00	0.94	0.88	0.76	84,000

NOTES:

- 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.
- Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.