



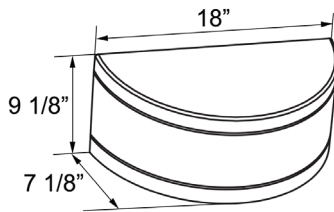
Catalog Number:	
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Prepared By:	Date:

### Description

The LWS-CRS cut-off architectural wall luminaire is available with IES Type III distribution designed to replace HID lighting systems from 150w to 250 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 20 feet can be used based on light level and uniformity requirements.

### Dimensions & Weights

Model	Width	Height	Length
LWS-CRS	7 1/8"	9 1/8"	18"



### Technical Specifications

**Housing:** Die cast aluminum housing with full cutoff front frame. Nickel-Plated stainless steel hardware.

**Lens:** Tempered clear flat glass lens.

**Mounting:** Mount directly over a 4" recessed outlet box, includes easy-hang "two hands free" wall mounting bracket with built-in level.

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

**EasyLED LED:** Aluminum Boards

**Wattage:** 23w Array: 26w, System: 26w  
47w Array: 46.5w, System: 52w

**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.

**Color Temperature:** 3000K, 4000K and 5000K.

**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 +40°C Environment. For full warranty terms, please visit our website: [www.lumecon.com](http://www.lumecon.com)



**Ordering Information**

LWS – CRS Options / Ordering Example: LWS-CRS-C-1x23-U-4K-C-Z-SF

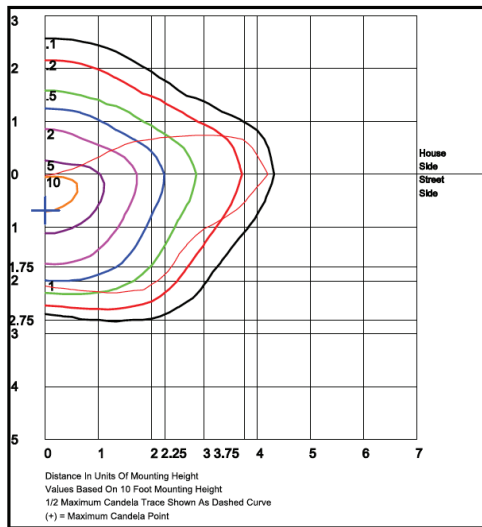
Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
LWS-CRS	C - Type III	1x23 - 23w 1x47 - 47w	U - 120-277V H - 347-480V	3K - 3000K 4K - 4000K 5K - 5000K	C - Clear Flat Glass Lens	Z - Bronze C - Custom	SF - Single Fuse* DF - Double Fuse* BU - Battery Backup, 90 minutes* BUC - Cold Start Battery Backup, -20°, 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	P18103 120-277VAC Photocell For Replacement Battery Backup, see the LWS-CRS LED Battery Backup Specification Sheet.



**Photometric Data**



LWS-CRS  
Type III

Grid in MH  
MH=10 Feet

## Photometric Performance

LED Board Watts	Optics	5000 CCT			4000 CCT			3000 CCT					
		Lumens	B	U	G	Lumens	B	U	G	Lumens	B	U	G
23w	Type III	2,408	1	1	1	2,318	1	1	1	2,228	1	1	1
47w	Type III	4,921	1	1	1	4,736	1	1	1	4,552	1	1	1

## 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 53w	1.00	0.98	0.96	0.91	347,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.97	0.91	0.82	168,000
L70 Lumen Maintenance @ 40°C / 104°F		1.00	0.97	0.94	0.88	160,000

**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.