



# HARRIS LUMEN SELECT WALL PACK, FULL CUTOFF, GEN 2

## LSWF2

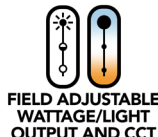


LSWF2A1UNVFD8CSBRT3SP

Project Name:	
Catalog Number:	
Type:	
Note:	
Date:	



IP65



### Intended Use

- The HARRIS LSWF2 is the ideal full cutoff light output for exterior walls, entrance ways, pathways and steps. The HARRIS LSWF2 delivers energy savings and reduced maintenance costs while effortlessly integrating in any exterior application with its sleek design. It is the ultimate flexible wall pack fixture with lumen output and color temperature selection at the point of installation.

### Construction

- Die-cast aluminum housing with UV stabilized powder coat finish for harsh outdoor environments. Bronze fixture housing color is standard
- UV resistant polycarbonate lens
- Full cutoff Type III light distribution
- Meets full cutoff requirements at 90° horizontal

### Electrical

- Available in 120v-277v
- Standard 0-10v Dimming Drivers
- Power Factor >0.90\*
- 10kV/5kA Surge Protection Standard
- Total Harmonic Distortion < 20%\*

\*Note: Varies based on option

### Control and Sensor Options

- Integrated photocell standard
- Field installed control and sensor options

### Additional Options

- Factory or field installed battery back up available in 8w. Certified in CA Title 20

### Installation

- Back plated design with template to mount directly over a standard recessed junction box or for surface mounting
- Accessible dip switches from the outside allow the user to select CCT and lumen output in the field providing flexibility to adapt to different environment dynamics
- Three different options deliver between 3,000 and 19,000 lumen outputs. Efficacy up to 165 LPW
- Field adjustable CCT between 3000K, 4000K, and 5000K
- Latest generation of LED technology enables fixture to run at lower wattages resulting in additional energy savings
- 80 CRI Minimum

### Fixture Certifications & Listings

- cUL/cULus Listed
- UL Wet Listed
- Dark Sky Compliant. DRK order option must be selected to meet Dark Sky International approval criteria of 3000K
- IP65 Rated
- DesignLights Consortium™ Premium qualified luminaire
- Visit the [DLC QPL](#) for listed models

### Warranty

- See Orion's [Product Limited Warranty](#) for more details and information.



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Ordering Information Example (NOTE: No dashes or spaces unless noted below)

**LSWF2C1UNVFD8CSBRT3SP**

**LSWF2**

Ordering Information (Enter Selected Catalog Number Below for Factory-Installed Options)

Series	Nominal Lumen Code <sup>1</sup>	Voltage	Driver Type	CRI; Color Temp <sup>2</sup>	Fixture Color	Light Distribution	Fixture Options	Packaging Options
<b>LSWF2=</b> Harris Lumen Select Wall Pack, Full Cutoff, Gen 2	<b>A1=</b> 3,000lm 4,000lm 6,000lm  <b>B1=</b> 8,000lm 10,000lm 12,000lm  <b>C1=</b> 13,000lm 16,000lm 19,000lm	<b>UNV=</b> 120v-277v	<b>FD=</b> Full Dimming	<b>8CS=</b> 80CRI; Color Selectable 3000K/ 4000K / 5000K	<b>BR=</b> Bronze	<b>T3=</b> Type III	<b>(Blank)=</b> Control Ready  <b>BB08=</b> Battery Back Up, 8w  <b>DRK=</b> Dark Sky Compliant, Factory Set to 3000K [Controls and Sensors available under Field Installed Accessories below]	<b>SP=</b> Single Pack
	<sup>1</sup> For actual lumens see performance table			<sup>2</sup> All fixtures are set to max lumen range output at 5000K at the factory [ex: LSWF2A1 = 6,000lm at 5000K]				

Accessories (Field Installed) View our Install Instructions [Here](#)

Sensor Options	
<a href="#">EFS106-AUX-W. B4-HB40</a>	Keilton+Autani: Bluetooth Mesh Sensor, Long Range, Input Voltage 12v DC, 0-10v Dimming, Photocell and PIR Motion, High Bay Lens 40' Mounting Height, Wet Location, IP65 Rating, Keilton Mobile App Programmable
Fixture Controller	
<a href="#">WPPA102-AUX-W. B1</a>	Keilton+Autani: Bluetooth Mesh Fixture Controller, Input Voltage 12v DC, 0-10v Dimming, Daylight, IP65 Rating, Keilton Mobile App Programmable
Keilton + Autani Ecosystem Accessories	
Accessories can be commissioned and controlled via Keilton + Autani app as they are a part of the same ecosystem as the Bluetooth Keilton + Autani sensors. For more information, please visit this <a href="#">link</a> .	
<a href="#">CR02-W-ENCL</a>	Keilton + Autani Protected Long-Range Real-Time Clock Enclosure, 120-277VAC, IP65, ABS Housing, 20kA Surge Protection, PPA102S.C1, SPD, CR02-W.AO, TX5, with Combination Lock and Pole Mount Kit
Battery Back Up Option	
<a href="#">EXT-LSWF2-BB08-KIT</a>	Battery Back Up Kit, 120-277v, 8w



Sensor and Controls



Battery Back Up  
(EXT-LSWF2-BB08-KIT)



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### Performance Information, 277v, ≥80 CRI<sup>1</sup>

Nominal Lumen Code	Wattage	3000K		4000K		5000K	
		Actual Lumens	LPW	Actual Lumens	LPW	Actual Lumens	LPW
A1	20w	3,006lm	154	3,099lm	159	3,095lm	159
	26w	4,008lm	154	4,206lm	162	4,139lm	159
	41w	6,079lm	149	6,397lm	160	6,424lm	157
B1	50w	8,001lm	159	8,023lm	160	8,004lm	159
	64w	10,118lm	158	10,444lm	163	10,319lm	161
	79w	12,119lm	153	12,586lm	161	12,253lm	155
C1	84w	13,180lm	158	13,751lm	165	13,591lm	163
	102w	15,915lm	156	16,725lm	164	16,239lm	159
	118w	18,003lm	153	18,996lm	164	18,001lm	153

### Lumen Maintenance<sup>2</sup>

Nominal Lumen Code	Nominal Lumens	Operating Temperature	Calculated Lumen Maintenance		
			L70	L80	L90
A1	3,000/4,000/6,000	25C	205,000	129,000	62,000
		50C	203,000	128,000	61,000
B1	8,000/10,000/12,000	25C	204,000	128,000	61,000
		50C	203,000	127,000	61,000
C1	13,000/16,000/19,000	25C	204,000	128,000	61,000
		50C	203,000	127,000	61,000

### Additional Specification Information

<sup>1</sup> Actual performance may vary by up to ±10% of values listed; facility factors and fixture options can affect performance values.

<sup>2</sup> Calculated hours based on TM-21 projections and components used at the time of testing. Warranty is not associated with Calculated Lumen Maintenance



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## LSWF2

### Physical Information<sup>5</sup>

Nominal Lumen Code	Height	Width	Depth	Weight
A1/B1	9.36"	10.65"	6.85"	7.50lbs.
C1	9.36"	13.28"	8.11"	9.30lbs.

Height and Width



Depth



### Ambient Operating Temperatures

Nominal Lumen Code	Standard Range	With Battery Back Up
All Lumen Packages	-40°C to 50°C [-40°F to 122°F]	0°C to 50°C [32°F to 122°F]

Sensor and Controller Type	Operating Range
All Sensors and Controllers	-30°C to 50°C [-22°F to 122°F]

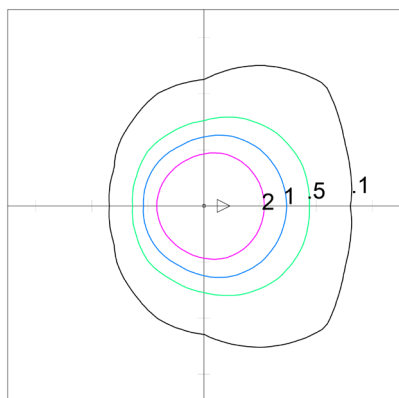
### Battery Back Up - Lumen Output Emergency Mode

Nominal Lumen Code	Lumens
All Lumen Packages	1,150lm

### Photometrics

Visit [orionlighting.com](http://orionlighting.com) to obtain all .IES files

#### C1 5000K [TYPE III]



Distance are in Units of Mounting Height  
Mounting Height 30'  
Max. Calculated Value: 7.62FC

### Additional Specification Information

<sup>5</sup> Weight will vary based on option selection



# HARRIS LUMEN SELECT WALL PACK, FULL CUTOFF, GEN 2

## LSWF2

### Controls

#### Bluetooth Mesh Sensors – Keilton+Autani [EFS106-AUX-W.B4-HB40 + WPPA102-AUX-W.B1]

DLC-listed gateway-free local room-based Bluetooth® mesh commercial lighting control software and hardware products that include mobile apps, sensors, controllers, switches and other devices for commercial lighting.

- [EFS106-AUX-W.B4-HB40](#) – The EFS106 is ideal for Luminaire Level Lighting Control [LLLC/NLC5] applications. Featuring integrated daylight harvesting and PIR motion sensors, the sensors are equipped with the AlgoH2 algorithm to maximize detection for high bay applications up to 40 ft without false triggers.
- [WPPA102-AUX-W.B1](#) – The WPPA102-AUX-W.B1 Remote is used to program the configurations of the Keilton+Autani Bluetooth® mesh sensors.

For more detailed instructions on commissioning, settings, and features please visit [Keilton App Instructions](#)

