

LSWF2

Applications

Full cutoff light output is ideal 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.



LSWF2A1UNVFD8CSBRSP

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



IP65



Construction & Design

- Full cutoff Type II light distribution
- Die-cast aluminum housing with UV stabilized powder coat finish for harsh outdoor environments. Bronze fixture housing color is standard
- UV resistant polycarbonate lens
- 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 170 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
- Meets full cutoff requirements at 90° horizontal
- Back plated design with template to mount directly over a standard recessed junction box or for surface mounting
- 80 CRI Minimum

Additional Options

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

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

Lumen Maintenance

See lumen maintenance table on page 2

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

LSWF2

Performance Information, 277v, ≥ 80 CRI¹

Nominal Lumen Code	Wattage	3000K		4000K		5000K	
		Actual Lumens	LPW	Actual Lumens	LPW	Actual Lumens	LPW
A1	22w	3,234lm	150	3,373lm	159	3,422lm	158
	32w	4,695lm	146	4,981lm	159	4,979lm	154
	43w	5,904lm	139	6,497lm	156	6,387lm	150
B1	46w	7,373lm	159	7,521lm	166	7,362lm	156
	62w	9,591lm	154	9,982lm	164	9,481lm	149
	83w	11,911lm	144	12,554lm	158	11,776lm	140
C1	86w	13,740lm	160	14,323lm	170	13,741lm	159
	106w	16,514lm	156	17,263lm	166	16,432lm	153
	124w	18,821lm	151	19,885lm	164	18,537lm	148

Lumen Maintenance²

Nominal Lumen Code	Nominal Lumen Code	Operating Temperature	Calculated Lumen Maintenance		
			L70	L80	L90
A1	3,000/4,000/6,000	25C	216,000	136,000	66,000
		50C	211,000	132,000	64,000
B1	8,000/10,000/12,000	25C	216,000	136,000	66,000
		50C	208,000	131,000	63,000
C1	13,000/16,000/19,000	25C	213,000	134,000	64,000
		50C	206,000	129,000	62,000

Additional Specification Information

¹ Actual performance may vary by up to $\pm 10\%$ of values listed; facility factors and fixture options can affect performance values.

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

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

LSWF2C1UNVFD8CSBRSP

Ordering Information

Series	Nominal Lumen Code ³	Voltage	Driver Type	CRI; Color Temp	Fixture Colors	Fixture Options	Packaging Options
Series	Nominal Lumen Code ³	Voltage	Driver Type	CRI; Color Temp	Fixture Colors	Fixture Options	Packaging Options
LSWF2 = HARRIS LED Lumen Selectable Wall pack, Full Cutoff, Gen 2	A1 = Lumen Selectable 3,000 lm/ 4,000 lm/ 6,000 lm B1 = Lumen Selectable 8,000 lm/ 10,000 lm/ 12,000 lm C1 = Lumen Selectable 13,000 lm/ 16,000 lm/ 19,000 lm	UNV = 120v-277v	FD = Factory Wired for Dimming Applications	8CS = 80CRI; Color Selectable 3000K/ 4000K / 5000K	BR = Bronze	[Blank] = Control Ready BB08 = Battery Back Up, 8w DRK = Dark Sky Compliant, Factory Set to 3000K [Controls and Sensors available under Field Installed Accessories below]	SP = Single Pack

Note: All fixtures are set to max lumen range output at 5000K at the factory [ex: LSWF2A1 = 6,000 lm at 5000K]

Fixture Options (Field Installed)

Remote Required for Commissioning	
RM51	Keilton Basic Sensor IR Remote Controller (for EFS07-AUX-W.B1-HB40 sensors)
Sensor Options	
EFS07-AUX-W.B1-HB40	Keilton Basic: 3.5mm Fixture Mount Sensor - 0-10V Dimming, Input Voltage 12V, Photocell and PIR Motion without lens, IP65, Rating, IR Remote Programmable
EFS106-AUX-W.B4-HB40	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	
WPPA102-AUX-W.B1	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 link .	
CR02-W-ENCL	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	
EXT-LSWF2-BB08-KIT	Battery Back Up Kit, 120-277v, 8w



Remote (RM51)



Sensor and Controls



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

Additional Specification Information

³ For actual lumens, see performance table

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Physical Information⁵

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]

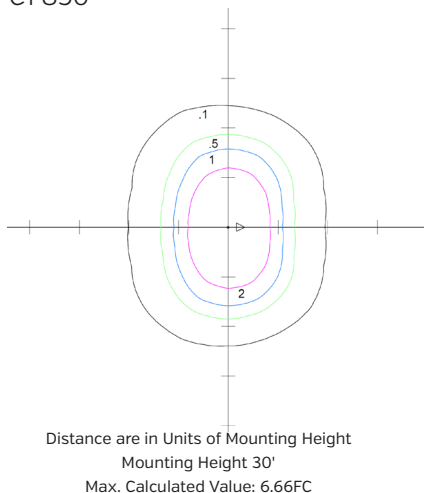
Battery Back Up - Lumen Output Emergency Mode

Nominal Lumen Code	Lumens
All Lumen Packages	1,150lm

Photometrics

Visit orionlighting.com to obtain all .IES files

C1 850



Additional Specification Information

⁵ Weight will vary based on option selection