

# HARRIS LED STRIP FIXTURE, GEN 2

## SFHC2

### Applications

The HARRIS SFHC2 strip fixture is an ideal luminaire for new construction applications. This manufactured product meets the Build America, Buy America (BABA) requirement.



SFHC24SD03LUNVFD850LAFG2HWSP-BABA

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



### Construction & Design

- This is a manufactured product in the United States that meets the 55% threshold for Build America Buy America (BABA) compliance
- Available in 4' and 8' fixture lengths that can connect in tandem to create electrical raceway
- Fixture comes with tethers to hold cover, enables one-person installation
- LED light engine is made of lightweight aluminum, with white finish for better thermal dissipation
- Fixture is designed with various knock outs for ease of connection to electrical power
- Design allows for an easy surface or suspended mount installation of fixture
- Frosted acrylic matte contoured lens provides glare diffusion in task application

### Additional Options

- Single pack and bulk pack available
- Field and Factory Installed Battery Back Up available in 10w, Certified in CA Title 20

### Electrical

- Available in 120v-277v
  - Standard 0-10v dimming drivers
  - Power Factor >0.9\*
  - Total Harmonic Distortion < 20%\*
- \*Note: Varies based on option

### Lumen Maintenance

See Lumen Maintenance table on page 2

### Fixture Certification & Listings

- UL/cUL Listed for Damp Locations
- Build America Buy America Compliant
- DesignLights Consortium™ Standard 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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Performance Information, LAFG2, 120v, ≥ 80 CRI, 4000K<sup>1</sup>

Nominal Lumen Code	Wattage	Lumens	LPW	Input Current
<b>4'</b>				
02L	11w	1,943lm	174	0.09A
03L	20w	3,403lm	168	0.17A
06L	39w	5,945lm	153	0.32A
<b>8'</b>				
03L	20w	3,487lm	176	0.17A
06L	37w	6,211lm	167	0.31A
10L	59w	9,381lm	160	0.49A

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

Nominal Lumen Code	Fixture Size	Nominal Lumens	Operating Temperature	Calculated Lumen Maintenance		
				L70	L80	L90
02L	4'	2,000	25°C	325,000	149,000	71,000
			55°C	221,000	139,000	66,000
03L	4'	3,000	25°C	238,000	149,000	71,000
			55°C	212,000	133,000	63,000
06L	4'	6,000	25°C	186,000	117,000	56,000
			55°C	167,000	105,000	50,000
03L	8'	3,000	25°C	209,000	131,000	62,000
			55°C	152,000	95,000	45,000
06L	8'	6,000	25°C	238,000	149,000	70,000
			55°C	212,000	133,000	63,000
10L	8'	10,000	25°C	238,000	149,000	70,000
			55°C	203,000	80,000	60,000

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

**SFHC24SD03LUNVFD850LAFG2HWSP-BABA**

Ordering Information (Enter Selected Catalog Number Below)

Series	Fixture Size	Channel Width	Nominal Lumen Code	Voltage	Driver Type	CRI; Color Temp	Lens Options	Power Connection	Factory Installed Options	Packaging Options	Fixture Certifications
<b>SFHC2=</b> HARRIS LED Strip Luminaire, Gen 2	<b>4=</b> 4' <b>8=</b> 8'	<b>SD=</b> 4.25" wide	<b>4'</b> <b>02L=</b> 2,000lm <b>03L=</b> 3,000lm <b>06L=</b> 6,000lm  <b>8'</b> <b>03L=</b> 3,000lm <b>06L=</b> 6,000lm <b>10L=</b> 10,000lm	<b>UNV=</b> 120v- 277v	<b>FD=</b> Full Dimming	<b>835=</b> 80CRI; 3500K <b>840=</b> 80CRI; 4000K <b>850=</b> 80CRI; 5000K	<b>LAFG2=</b> Lens, Acrylic Frosted General 120° 2" Wide	<b>HW=</b> Hardwire	<b>(blank)=</b> No Options <b>BB10=</b> Battery Back Up, 10w <sup>4</sup>	<b>{Blank}=</b> Bulk Pack <b>SP=</b> Single Pack	<b>-BABA=</b> Buy America Build America Compliant  <u>Note: This is a manufactured product in the United States that exceeds the 55% threshold for Build America Buy America [BABA] compliance</u>

### BABA Compliant Accessories (Field Installed)

Field Installed Battery Back Up Kit <sup>4</sup>	
<b>SFHC2-UNV-BB10-KIT-BABA</b>	Battery Back Up Kit, 10w for Field Installation

### Additional Specification Information

<sup>3</sup> For actual lumens, see performance table

<sup>4</sup> Multiply 10w by the lumens per watt (LPW) of the fixture to calculate lumen output in emergency mode

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### Physical Information

Length	Width	Depth	Weight <sup>5</sup>
4'	4.25"	3.00"	5.60lbs.
8'	4.25"	3.00"	10.40lbs.

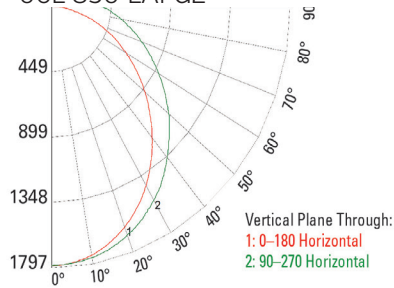
### Ambient Operating Temperatures

Nominal Lumen Code	All Voltages	Battery Back Up
All Lumen Packages	-20°C to 55°C [-4°F to 131°F]	Min. Operating Temp. 0°C [32°F]

### Photometrics

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

06L 850 LAFG2



### Additional Specification Information

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