

HARRIS LED STRIP FIXTURE, GEN 2

SFHC2

Applications

The HARRIS SFHC2 strip fixture is an ideal luminaire for new construction applications. For use in areas such as manufacturing, distribution, warehouse, and retail settings. 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 installed Battery Back Up available in 10w, Certified in CA Title 20 [not BABA Compliant]

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, 4000K¹

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

Lumen Maintenance with Lens²

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

¹ Actual performance may vary by up to ±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

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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	Packaging Options	Fixture Certifications
SFHC2= HARRIS LED Strip Luminaire, Gen 2	4= 4' 8= 8'	SD= 4.25" wide	4' 02L= 2,000lm 03L= 3,000lm 06L= 6,000lm 8' 03L= 3,000lm 06L= 6,000lm 10L= 10,000lm	UNV= 120v- 277v	FD= Full Dimming	835= 80CRI; 3500K 840= 80CRI; 4000K 850= 80CRI; 5000K	LAFG2= Lens, Acrylic Frosted General 120° 2" Wide	HW= Hardwire	(Blank)= Bulk Pack SP= Single Pack	-BABA= Buy America Build America Compliant <u>Note: This is a manufactured product in the United States that exceeds the 55% threshold for Buy America (BABA) compliance</u>

Additional Specification Information

³ For actual lumens, see performance table

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Physical Information

Length	Width	Depth	Weight ⁴
4'	4.25"	3.00"	5.60lbs.
8'	4.25"	3.00"	10.40lbs.

Ambient Operating Temperatures

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

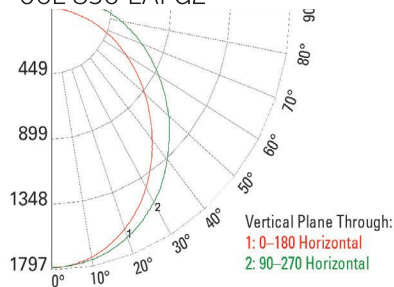
Not BABA Compliant Accessories (Field Installed)

Field Installed Battery Back Up Kit	
SFHC2-UNV-BB10-KIT	Battery Back Up Kit, 10w for Field Installation

Photometrics

Visit orionlighting.com to obtain all .IES files

06L 850 LAFG2



Additional Specification Information

⁴ Weight will vary based on option selected