

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

HARRIS LED STRIP FIXTURE, GEN 2

SFHC2

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

HARRIS LED STRIP FIXTURE, GEN 2

SFHC2

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

HARRIS LED STRIP FIXTURE, GEN 2

SFHC2

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] |

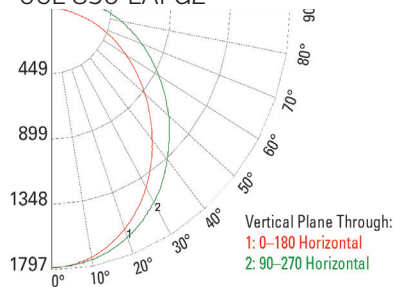
Not BABA Compliant Accessories (Field Installed)

| 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