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|-----------|--|-------|--|
| PROJECT: | | | |
| CATALOG # | | | |
| TYPE: | | DATE: | |

LED SELECTABLE STRIP FIXTURE

DESCRIPTION

The LED Strip Fixture is a modern, energy-efficient, linear lighting solution that delivers consistent, high-quality light distribution, minimal energy usage and zero maintenance.

Designed with versatility in mind, the tunable model includes adjustable color temperature as well as adjustable wattage, allowing the installer to fine-tune the fixture to better meet the needs of the application. Each size offers a range of three color temperature settings (3500K, 4000K & 5000K) as well as three unique wattage settings.

The fixture is available in either 2', 4' or 8' lengths and can be surface, suspension, or t-grid mounted, either in a single-fixture configuration or as a continuous row to cover more ground from one power source. The lightweight, two-piece design makes installation quick and easy, reducing overall project time.



FEATURES

- Adjustable color temperature (3500K, 4000K, 5000K)
- Adjustable light output/wattage
- 145 lumens per watt (lm/W)
- DLC 5.1 Standard & DLC 5.1 Premium
- ETL rated for damp locations
- 10-year warranty
- 100,000-hour rated life (@L70)
- Continuous row mounting (daisy chaining)
- 0-10V dimming (6% minimum)
- Polycarbonate frosted lens with translucent end caps
- Available in 2', 4' and 8' lengths

APPLICATIONS

- Commercial
- Industrial
- Retail
- Manufacturing
- Warehouse
- Display
- Corridors
- Storage
- Stairways
- Garage
- Task Lighting
- Equipment Rooms

MOUNTING

- Surface
- Suspension
- Continuous row
- T-grid (standard or angled for wall wash applications)

CERTIFICATIONS



SPECIFICATIONS

Life (@L70): 100,000 hours

Warranty: 10 years

PERFORMANCE

Operating temp: -4°F – 113°F (-20°C to 45°C)

Efficacy (LPW): 145 LPW

CRI: 80

ELECTRICAL

Input voltage: 120-277V

Input frequency: 50/60Hz

PF: ≥.9

THD: <20

Surge protection: 2KV

Dimming: 0-10V

Minimum dimming: 6% minimum

Aux. Power Tap: N/A

Driver CL: N/A

Whip/Cord: No

Sensor: No

OPTICAL

Beam: 120°

Lens: Polycarbonate Frosted

UGR: N/A

PHYSICAL

Finish: Powder Coat

Color: White

Housing: Painted Steel

INDUSTRY STANDARDS/RATINGS

IP: 20

IK: N/A

Location: Damp

IC: N/A

UL/ETL: ETL

FCC: Yes

RoHS: Yes

DLC: SFS2 - 5.1 Standard

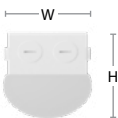
SFS4, SFS8 - 5.1 Premium

SIZING

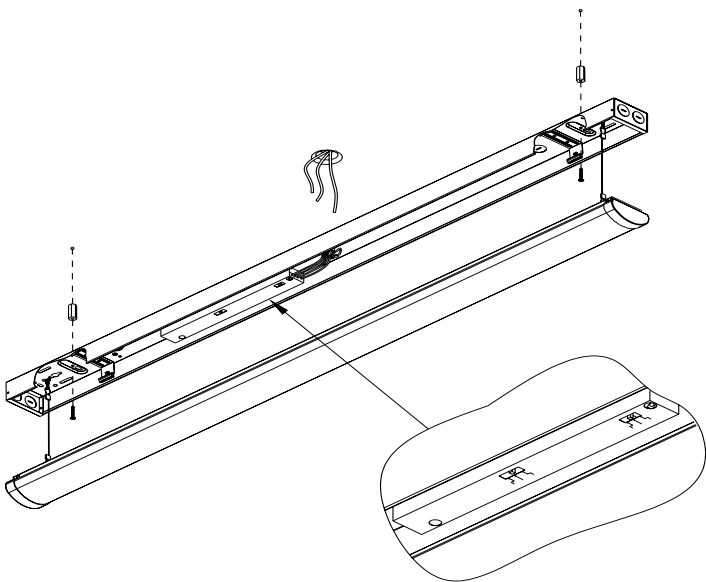
DIMENSIONS / WEIGHT

| ORDER# | SIZE |
|--------|------|
| SFS8 | 8' |
| SFS4 | 4' |
| SFS2 | 2' |

| | SIZE | LENGTH | WIDTH | HEIGHT | WEIGHT |
|------|------|--------|-------|--------|------------|
| SFS8 | 8' | 95.98" | 3.26" | 2.95" | 8.951 lbs |
| SFS4 | 4' | 48.04" | 3.26" | 2.95" | 5.707 lbs |
| SFS2 | 2' | 23.97" | 3.26" | 2.95" | 3.586 lbs. |



OVERVIEW AND INSTALLATION



Continuous Mounting

The Strip Fixture can be continuously mounted from one power source. Below are the total units that can be connected per wattage setting.

| LENGTH (FT.) | WATTS | MAX CAN BE CONNECTED IN ROW | SFAM06 | SFAM07 |
|--------------|-------|-----------------------------|--------|--------|
| 106 | 15 | 53 | 52* | |
| 80 | 20 | 40 | 39* | |
| 64 | 25 | 32 | 31* | |
| 108 | 30 | 27 | 26 | |
| 80 | 40 | 20 | 19 | |
| 64 | 50 | 16 | 15 | 15 |
| 128 | 50 | 16 | 15 | 15 |
| 104 | 60 | 13 | | 12 |
| 88 | 70 | 11 | | 10 |

*For SFS2 (2ft. fixture) use SFAM06 of 4' length.

ORDERING

Listed below are the included wattage settings and lumens for each model number.

| ROOT MODEL # | DESCRIPTION | | | |
|--------------|---------------------------------|---------|------|--------|
| SFS2* | 2' Selectable LED Strip Fixture | | | |
| EXT. MODEL # | WATTS | VOLTS | CCT | LUMENS |
| SFS23515 | 15 | 120-277 | 3500 | 2,175 |
| SFS24015 | 15 | 120-277 | 4000 | 2,175 |
| SFS25015 | 15 | 120-277 | 5000 | 2,175 |
| SFS23520 | 20 | 120-277 | 3500 | 2,900 |
| SFS24020 | 20 | 120-277 | 4000 | 2,900 |
| SFS25020 | 20 | 120-277 | 5000 | 2,900 |
| SFS23525 | 25 | 120-277 | 3500 | 3,625 |
| SFS25025 | 25 | 120-277 | 5000 | 3,625 |

*Note: SFS2 DLC 5.1 Standard only.

| ROOT MODEL # | DESCRIPTION | | | |
|--------------|---------------------------------|---------|------|--------|
| SFS4 | 4' Selectable LED Strip Fixture | | | |
| EXT. MODEL # | WATTS | VOLTS | CCT | LUMENS |
| SFS43530 | 30 | 120-277 | 3500 | 4,350 |
| SFS44030 | 30 | 120-277 | 4000 | 4,350 |
| SFS45030 | 30 | 120-277 | 5000 | 4,350 |
| SFS43540 | 40 | 120-277 | 3500 | 5,800 |
| SFS44040 | 40 | 120-277 | 4000 | 5,800 |
| SFS45040 | 40 | 120-277 | 5000 | 5,800 |
| SFS43550 | 50 | 120-277 | 3500 | 7,250 |
| SFS45050 | 50 | 120-277 | 5000 | 7,250 |

| ROOT MODEL # | DESCRIPTION | | | |
|--------------|---------------------------------|---------|------|--------|
| SFS8 | 8' Selectable LED Strip Fixture | | | |
| EXT. MODEL # | WATTS | VOLTS | CCT | LUMENS |
| SFS83550 | 50 | 120-277 | 3500 | 7,250 |
| SFS84050 | 50 | 120-277 | 4000 | 7,250 |
| SFS85050 | 50 | 120-277 | 5000 | 7,250 |
| SFS83560 | 60 | 120-277 | 3500 | 8,700 |
| SFS84060 | 60 | 120-277 | 4000 | 8,700 |
| SFS85060 | 60 | 120-277 | 5000 | 8,700 |
| SFS83570 | 70 | 120-277 | 3500 | 10,150 |
| SFS85070 | 70 | 120-277 | 5000 | 10,150 |

For a sensor-equipped version of this fixture, check out our [4' LED Strip with Built-In Sensor](#).

| ROOT MODEL # | DESCRIPTION | WATTS | LUMENS | CCT |
|--------------|-----------------------------------|------------|-----------------------|--------------------|
| SWFS4 | 4' LED Strip with Built-In Sensor | 30, 40, 50 | 4,350 5,800 7,250 | 3500 4000 5000 |



| ORDERING CODE | DESCRIPTION | USAGE |
|---------------|--|---|
| SFSAS01 | Strip Series Elbow with 3 Wires for Pluggable Sensor | Ordered separately - Can be used with sensors SC005, SC006 and SC008. |
| SC005 | Plug-in PIR Sensor | Enable occupancy sensing and daylight harvesting on pluggable fixtures |
| SC006 | Plug-in Microwave Sensor | Enable occupancy sensing on pluggable fixtures. |
| SC008 | Plug-in Bluetooth PIR Sensor with IR | This sensor enables wireless control of fixtures, or groups of fixtures, through the LiteSmart mobile app. |
| SCR053 | Remote Control | Used (with SC005 and SC006 sensor) to adjust settings after installation |
| SCR054 | Remote Control | Used to Commission LiteTronics "Next Generation" LiteSmart IR-Enabled Sensor. |
| SFAM02 | Suspension Mount Kit | Suspend Strip Fixtures from ceiling surface. Note: Two kits needed for 8' assembly. Cable is 5' in length. Weight rating is 25 lbs. |
| SFAM06 | 4' Wire Harness Kit | Connect two or more 4' Strip Fixtures together from one power source. |
| SFAM07 | 8' Wire Harness Kit | Connect two or more 8' Strip Fixtures together from one power source. |
| EB10 | 10W Emergency Battery Backup | Supplies battery backup to an individual fixture for up to 90 minutes. <u>Must be ordered with EBCM or EBAM indicator module.</u> |
| EBCM | Ceiling-mounted Indicator Module | This Ceiling-mounted Indicator Module (EBCM) can be used with one of Litetronics' emergency battery backup products (EB10, EB10N or EB20) to provide a visual confirmation of the operational status of the EBB unit. This module is typically used in grid ceiling applications where it is recess mounted in a panel adjacent to the fixture. |
| EBAM | Adhesive-mounted Indicator Module | This Adhesive-mounted Indicator Module (EBAM) must be used with one of Litetronics' emergency battery backup products (EB10, EB10N or EB20) to provide a visual confirmation of the operational status of the EBB unit. This module is typically used in open ceiling or drywall ceiling applications where the module is applied to the side of the fixture, mounting kit, or a nearby structural element. |
| LHBAC05 | 15A 120-277V 5-15P 3-Wires 8' White Cord | |
| HBAC06 | 15A 120-277V 3-Wires 10' White Cord WP Twist Connect | |
| TR01 | LED Emergency Light Test Remote | This accessory is required to operate and test the EMBB • Only one remote required per area, building or site as necessary. |