OCION Instant

Installation Instructions

3', 4' & 8' LED Strip Fixture Surface Mount

Product Series: SFHC Instruction Number: P-INT-X-462

Use this instruction to surface mount the LED Strip fixture.

Step-by-Step Instructions



WARNING!

Risk of fire or electric shock. To reduce risk of electrical shock, turn off power supply before

- installation or servicing. 1. Field installers are responsible for recognizing specific site requirements and making adjustments to assure a complete, functional installation.
- 2. Make all power connections using UL listed components.
- Electrical connections must be made by a qualified electrician and in accordance with NEC and local codes.
- 4. Do not touch LEDs, do not set items on top of LEDs.

Supplied Components (See Image A)

- Prewired LED strip 3', 4' or 8' with driver(s), array(s), and luminaire disconnect (NOTE: No lens version shown)
- 2 3', 4' or 8' strip housing (4.25" wide)
- 3 SFHC-001-HDWR-KIT (HARDWARE KIT: Miscellaneous Material Needed for Installation of a SFHC Fixture. Kit Includes Housing Ends, Installation Tethers, Ground Wire, Connectors, and Screws)

Recommended Items for Installation

-Cordless drill with 1/4" HEX Driver

-Wire strippers

-Wire nuts

-Screws to attach Strip Housing to designated mounting surface -Pliers

- 1 Remove all components listed above from packaging (may be packaged separately).
- 2 Attach end caps to each end of strip housing with provided screws. (See Fig. 1)
- **3** Take pliers and remove desired knockout in strip housing to run incoming power through.
- 4 Attach ground wire to raised ground location in strip housing, emboss in with provided screw. (See Fig. 2) Run incoming power supply through removed knockout section in Step 3. Follow NEC & local code requirements.
- **5** Secure strip housing to surface mounting area with self provided screws (See Fig. 3).
- 6 Attach installation tethers to LED strip cover (See Fig. 4 (shows S-hook safety tether hole circled in green), Fig. 5 and Fig. 6).
- 7 Hang LED strip cover from strip housing (See Fig. 7).
- 8 Make electrical connections per NEC and local codes. The fixture must be properly grounded.
- 9 Center LED strip cover over housing. Use supplied self drilling screws to secure LED strip cover in place. Prepunched recessed holes are provided on each side of the cover (See Fig. 8 example circled in green).

NOTE: Do not pinch wires when installing LED strip cover.

10 Restore power to fixture and test.



















See Page 2 for Continuous Row Mounting and Dimming Information



Continuous Row Mounting In The Field

When continuous row mounting the strips, Step 2 on page 1 is only required for the ends of the runs.



For continuous row mounting, insert end cap into the inside of the fixture housing (See Fig. 1a) to connect (2) housing pieces together. End cap inserts directly into the fixture housing designated raised tabs and is held in place without needing self drilling screws as shown in Fig. 2a and Fig. 3a.

Adding 0-10v Dimming In The Field

NOTE! If adding dimming controls in the field requirements are as follows: Listed/CN or R/C AWM (AVLV2/8). Minimum 300V/60°C Rated. Dimming wire gauge and strip length must match the specifications listed on the driver (18 AWG solid wire is recommended).



Qualified electricians are to comply with incoming power requirements per NEC and local codes.

Adding Sensor In The Field



To install an end mounted sensor in the field, remove the desired knockout. Follow the OEM instructions provided with the sensor to complete the installation of the sensor.

Additional Side Knockout Removal



If a side knockout location is needed, use self provided tin snips to cut the required knockout location shown above. Only remove amount of material needed to line up knockout location. Bend material back and forth to remove.



Shows how cover and fixture housing lines up to allow for knockout location to be used circled in red.



Dimming wires can be inserted directly into the driver located on the back of the LED strip cover. Driver design may vary, follow markings and specifications on driver.

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SFHR/SFHC Fixture Wireguard Installation

Instruction Number: P-INT-X-407

Use this instruction to install a fixture wireguard in the field for the SFHR/SFHC product series.

Components

- 1 SFHR or SFHC Series Fixture (ordered separately)
- 2 LED-SFHR-WGO1-SP or LED-SFHR-WGO1-KIT or LED-SFHC-WGO1-SP or LED-SFHC-WGO1-KIT NOTE-Kit Includes: Fixture wireguard, hardware (4 screws, 4 loop clamps) (See Fig. A for provided hardware)

Tools Required for Installation

-Cordless drill

Step-by-Step Instructions



WARNING!

Risk of fire or electric shock. To reduce risk of electrical shock, turn off power supply before installation or servicing.

- 1. Field installers are responsible for recognizing specific site requirements and making adjustments to assure a complete, functional installation.
- 2. Make all power connections using UL listed components.
- 3. Electrical connections must be made by a qualified electrician and in accordance with NEC and local codes.
- 1 Unpack components.
- 2 Place (4) loop clamps onto designated locations on wireguard and pinch closed with a flat nose pliers or fingers. Flat side of the loop clamp should be facing outward for ease of mounting flush to fixture. (See Fig. 1 and 2 for loop clamp locations and placement on wireguard-the 4th section from the end of the wireguard)
- 3 Place wireguard onto fixture body (See Fig. 3)
- 4 Insert screw into the loop clamp and fasten to the fixture body. Repeat this step for all 4 loop clamp locations to secure wireguard to fixture. (See Fig. 4 and Fig. 5 for completed install of wireguard)
- **5** Proceed to mount fixture per customer selected mounting method and complete electrical connections to NEC/local code.













