

21W 5CCT CIRCULAR LED RETROFIT

Model: S29781



INSTALLATION AND SAFETY INSTRUCTIONS

IMPORTANT: Read before installing fixture. Retain for future reference.

WARNING - Risk of fire or electric shock.

- TURN OFF the electrical power before proceeding.
- Examine all parts that are not intended to be replaced by the retrofit kit for damage and replace any damaged parts prior to installation of the retrofit kit.
- The retrofit kit is accepted as a component of a luminaire where the suitability of the combination shall be determined by authorities having jurisdiction. Product must be installed by a qualified electrician in accordance with the applicable and appropriate electrical codes. The installation guide does not supersede local or national regulations for electrical installations.
- To reduce risk of fire and over-heating, secure all connections.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- This device is not intended for use with emergency exits.
- The lamp compartment of recessed luminaires shall be min. 205mm diameter, and min. 35mm depth.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

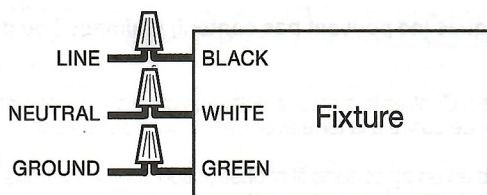
- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: this equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/tv technician for help.

Wiring Diagram



WARNING - Risk of fire or electric shock. Luminaires wiring, power supply, or other electrical parts may be damaged when drilling for installation of retrofit kit hardware. Inspect wiring and components for damage.

WARNING - Risk of fire or electric shock. Installation of this retrofit kit requires a person familiar with the construction and operation of the luminaire's electrical system and the hazard involved. If not qualified, do not attempt installation. Contact a qualified electrician.

WARNING - Risk of fire or electric shock. Install this kit only in the luminaire that has the construction features and dimensions shown in the photographs and/or drawings and where the input rating of the retrofit kit does not exceed the input rating of the luminaire.

Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

Only those open holes indicated in the photographs and/or drawings may be made or altered as a result of kit installation. Do not leave any other open holes in an enclosure of wiring or electrical components.

The kit installer shall examine all parts that are not intended to be replaced by the retrofit kit for damage and replace any damaged parts prior to installation of the retrofit kit.

WARRANTY: This product is guaranteed for a 5 year warranty. Any quality issue in normal use within the warranty period, will be repaired or replaced according to the situation and under the condition specifications can be provided. Visit www.Satco.com for full warranty details and dimmer compatibility information.

Parts Included



(1) circular light engine
27K/30K/35K/40K/50K
CCT Selectable



(6) small wire nuts



(6) medium wire nuts



(1) lock-down retaining ring



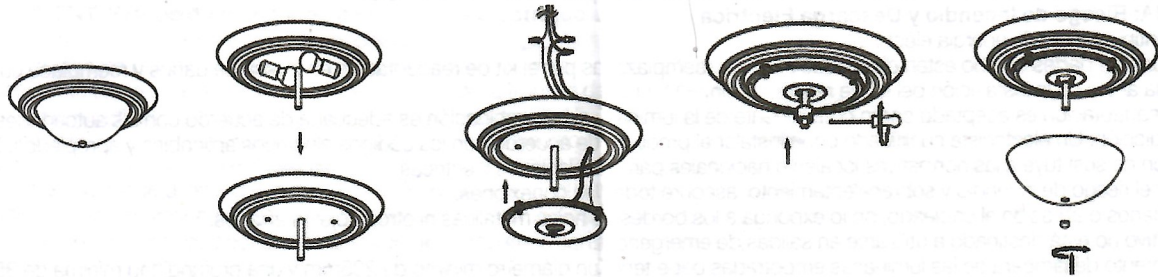
(3) screws retaining ring



(4 x 2 each) assorted snap-in grommets
(Install grommets where supply wires enter fixture for power).

INSTALLATION: Fixture Type (A)

A decorative cap or nut secures the diffuser (shade) to the fixture on the threaded center pipe.



STEP 1: Remove diffuser (shade) by unscrewing the decorative lock up knob from the pipe. Cut/detach supply wires from sockets. Remove any sockets, brackets or hardware that may prevent the light engine from seating correctly on the surface of the fixture pan.

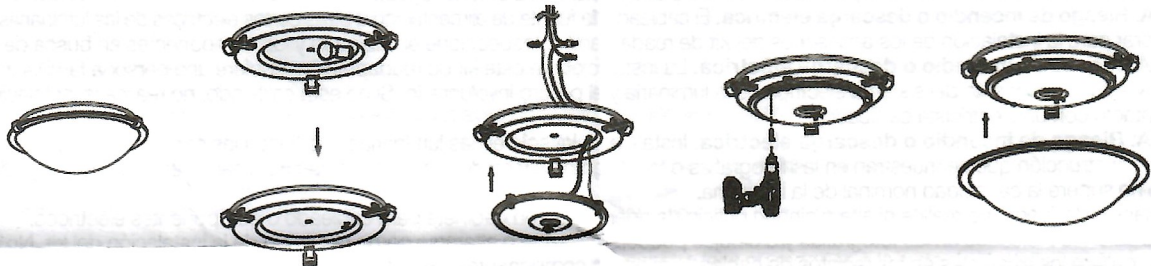
STEP 2: Unscrew the fixture pan. Select desired color temperature. Put the retrofit kit into the center pipe. Connect white wire to neutral line, black wire to live line and copper to ground wire with wire nuts. See wiring diagram.

STEP 3: Screw the fixture pan to the ceiling again. Secure the assembly against pan with lock down screw on the side of the lock down ring.

STEP 4: Tighten the three screws on lock down ring with a slotted screwdriver. Slide the diffuser back over the center post and secure with knob.

INSTALLATION: Fixture Type (B)

Use in fixtures that do not have a threaded center pipe and have a flat metal pan, (able to hold magnets).



STEP 1: Remove the diffuser (shade). Confirm that the magnet will stick to the metal fixture pan. If the magnet securely adheres to the metal pan, this mounting method is acceptable.

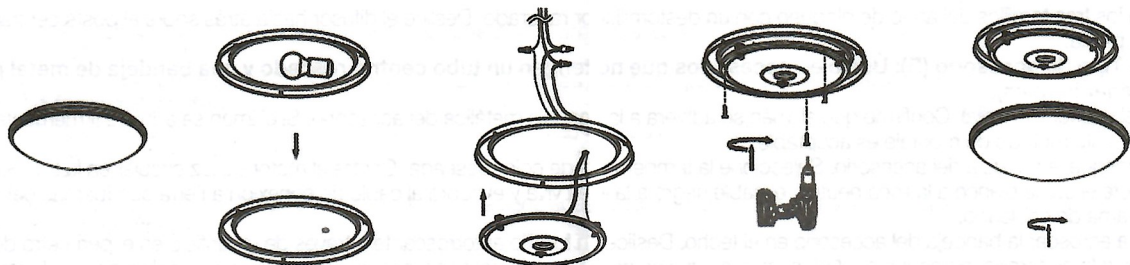
STEP 2: Unscrew the fixture pan. Select desired color temperature. Center the circular light engine onto the fixture pan. Connect white wire to neutral line, black wire to live line and copper to ground wire with wire nuts. See wiring diagram.

STEP 3: Screw the fixture pan to the ceiling again. Slide a self-tapping screw through a hole at the perimeter of the light engine, and using the screw gun carefully screw through the fixture pan, securing the light engine into place.

STEP 4: Replace the diffuser.

INSTALLATION: Fixture Type (C)

Use with non-metallic (not able to hold magnets) fixtures or fixtures with an obstructed or uneven pan and no center threaded pipe.



STEP 1: Remove the diffuser (shade).

STEP 2: Unscrew the fixture pan. Select desired color temperature. Center the circular light engine onto the fixture pan. Connect white wire to Neutral line, black wire to Live line and copper to ground wire with wire nuts. See wiring diagram.

STEP 3: Screw the fixture pan to the ceiling again. And make sure it is seated evenly with no wire or obstructions under the 3 mounting holes which are located on the perimeter of the circular light engine. Slide a self-tapping screw through a hole at the perimeter of the light engine, and using the screw gun carefully screw through the fixture pan, securing the light engine into place. Repeat the steps for the remaining two holes at the perimeter of the light engine.

STEP 4: Replace the diffuser.