

AUDACY®

SCD-1000, SCLED-1000 & SCDMET-1000 LUMINAIRE CONTROLLER RETROFIT KIT INSTALLATION INSTRUCTIONS

OPERATING VOLTAGE: 120/277 VAC

MAXIMUM AMPERE DRAW: 5.0 AMPS

“SUITABLE FOR USE IN AIR HANDLING SPACES”

WARNING: This is a current rated device. Use in applications involving amperage beyond its rating can be dangerous and cause electrical fires.

WARNING: Risk of fire or electrical shock. Conversion kit installation requires knowledge of fluorescent and LED lighting luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.

WARNING: 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.

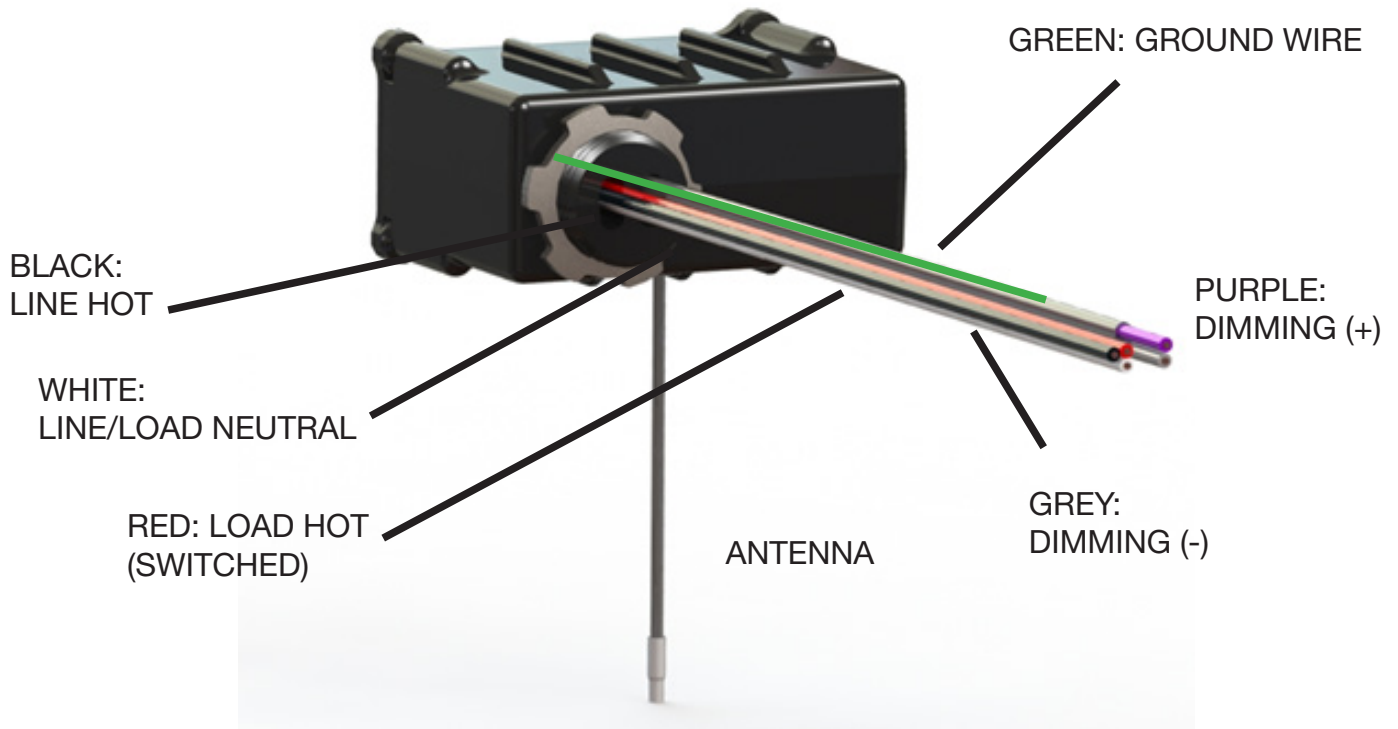
WARNING: To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

Wiring must comply with all applicable electrical codes.

Turn off power before removing or installing connector.

SCD-1000 CASE IS BLACK PLASTIC
SCDMET-1000 IS METAL

Figure A



SCD-1000, SCLED-1000 & SCDMET-1000 LUMINAIRE CONTROLLER RETROFIT KIT INSTALLATION INSTRUCTIONS

WIRING REFERENCE:

LINE HOT (BLACK): Incoming power feed from premise wiring

LOAD HOT (RED): Power output from Luminaire Controller to Driver AC power input

NEUTRAL (WHITE): Power feed and power output neutral connection

GROUND (GREEN): (ONLY on SCDMET-1000 unit) is for AC Ground connections

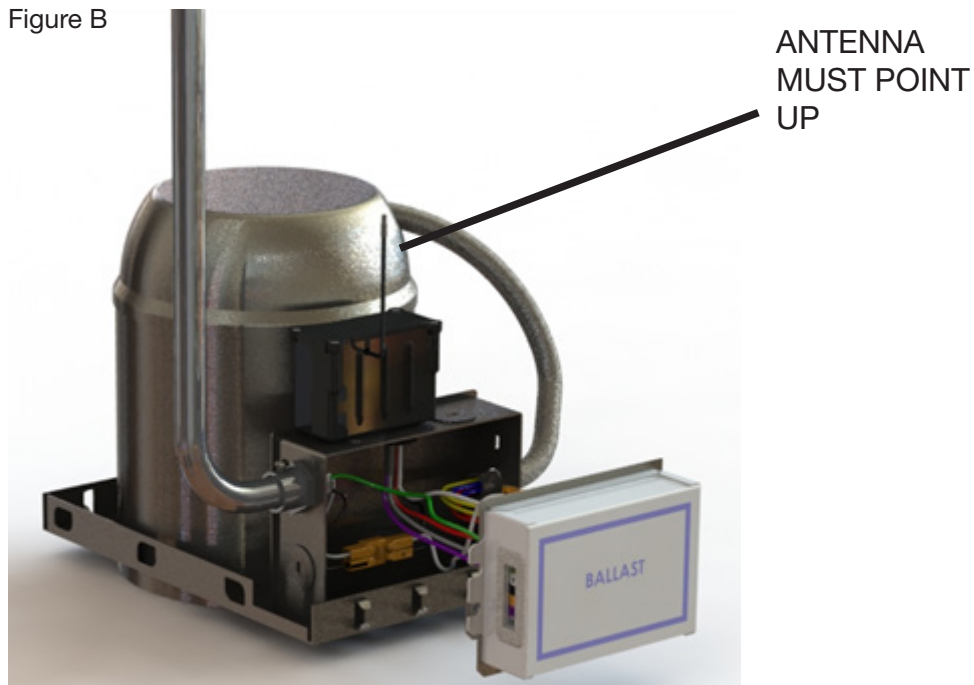
DIMMING (PURPLE +, GRAY -): 0-10 VDC dimming control output from Luminaire Controller to ballast/LED driver dimming input

Note: SCLED-1000 has dimming wires coming out of housing near antenna wire, not through nipple area.

RETROFIT INSTALLATION

1. Locate and remove a ½” knockout in fixture or junction box that will allow for sufficient clearance and vertical antenna orientation while minimizing metallic obstruction near the antenna. Figure B is an example using a CFL ballast and its adjoining wiring enclosure. The SCD-1000/SCDMET-1000 can be mounted in any electrical enclosure with a ½” KO available.
2. Feed wires through the knock-out opening and secure Luminaire Controller to junction box or fixture with lock nut.
3. If necessary, bend the antenna near the base to ensure it is in a vertical orientation. See figure B.

Figure B



SCD-1000, SCLED-1000 & SCDMET-1000 LUMINAIRE CONTROLLER RETROFIT KIT INSTALLATION INSTRUCTIONS

CONNECTING THE WIRES

Power Connections (SCD-1000, SCLED-1000, and SCDMET-1000)

1. Attach the black conductor of the Luminaire Controller to the line voltage using a splicing wire connector. If a ballast disconnect is required per the local jurisdiction then install as required.
2. Splice the white conductor of the Luminaire Controller to LINE neutral and to the neutral wire of the ballast or LED driver using a splicing wire connector. See Figure C.
3. Connect the red LOAD hot switched wire to the hot wire of the ballast or LED driver. See Figure C.
4. Connect the Green GROUND wire from the SCDMET-1000 to the equipment ground conductor.

Figure C

