

ProLED®

4" Surface Downlight Installation Instructions



IMPORTANT

READ INSTRUCTIONS CAREFULLY BEFORE INSTALLING. KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE.

ProLED luminaires must be wired in accordance with the National Electrical Code and all applicable local codes. Proper grounding is required for safety. THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A QUALIFIED ELECTRICIAN WHO IS FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

WARNING - Risk of fire or electric shock. ProLED Surface Downlight Series installation requires knowledge of the luminaire's electrical systems. If not qualified, DO NOT attempt installation. Contact a qualified electrician.

WARNING - Install this kit only in the luminaires that have the construction features and dimensions shown in the photographs and/or drawings. DO NOT make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

WARNING - To prevent wiring damage or abrasion, DO NOT expose wiring to edges of sheet metal or other sharp objects.

WARNING - DO NOT alter, relocate, or remove wiring, lampholders, power supply, or any other electrical component.

WARNING - This device is not intended for use with emergency exits.

WARRANTY INFORMATION:

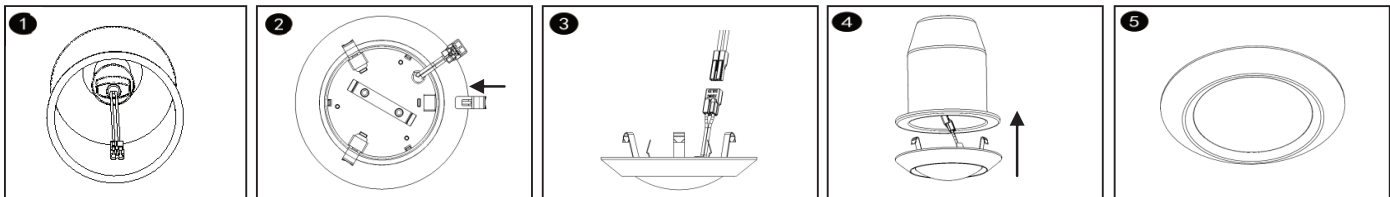
This product is warranted for 5 years from the date of purchase, based on 10 hours of use per day. If this product does not perform to the specifications supplied on this package, send an email or write to the address below for product return and replacement. This replacement is the sole remedy available. Liability for incidental or consequential damage is expressly excluded. Visit www.halcolighting.com for full warranty details and dimmer compatibility information.

Product #	Product Code	Input Voltage (V)	Input Current (mA)	Input Wattage (W)
99944	SDL4FR7/827/LED	120	61	7
99945	SDL4FR7/830/LED	120	61	7
99946	SDL4FR7/840/LED	120	61	7
99947	SDL4FR7/850/LED	120	61	7

INSTALLATION INSTRUCTIONS:

4" DOWNLIGHT HOUSING (CAN) (MIN. LAMP COMPARTMENT DIMENSIONS 4 inch (DIA) X 5.9 inch (H)):

1. Screw installation harness with socket adapter into downlight housing (can) (see fig#1).
2. Snap the friction clips into place on the downlight (see fig#2).
3. Connect the orange male connector (installation harness) to the orange female connector (surface downlight) (see fig#3).
4. Push the downlight into the can making sure wires are not pinched between the fixture and can (see fig#4).
5. Downlight should be flush with the ceiling (see Fig#5).



J-BOX (Min Volume:18 in³, min Length: 3.25 in, Height: 2.20 in)

1. Before installation, cut the wires of installation harness close to the socket adaptor (see fig#1).
2. Next make 2 pigtail connections. The black j-box wire (hot wire) should be connected to the black pigtail wire of the installation harness. The white j-box wire (neutral wire) should be connected to the white pigtail wire (see fig#2).
3. On the back of the downlight, press the two clips towards the center and remove bracket from clips.
4. Fasten the bracket to the j-box. If necessary, use a drill. Note the #6 pointed screws may also be used as a replacement for the bracket screws (see fig#3).
5. The green ground wire that is attached to the fixture should be cut at the end and the insulation stripped back ½". Attach ground wire to housing.
6. Finally, make the connection between the male (installation harness) and female (surface downlight) orange connectors(see fig#4) Carefully push all connections into the j-box.
7. Push the downlight into the j-box, making sure the clips snap into the bracket (see figure#5).
8. The downlight should be flush with the ceiling (see fig#6).

