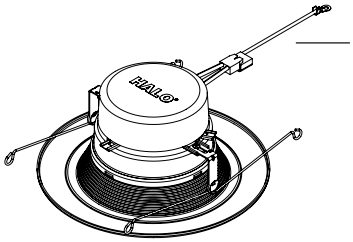
ENGLISH

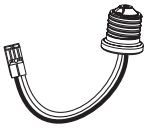
HALO®

RL56 Smart Wi-Fi LED Downlight Instructions

PACKAGING CONTENTS



A. LED module

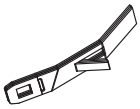


B. Socket Adapter (E26)
For retrofit only. Not included with -CA version

C. #8-32 Self tapping screw (included)

D. #8-32 Screw (included)

E. #8-32 Hex Nut (included)



F. (3) Friction Clips

ITEMS REQUIRED (Purchase separately)

- **Philips Screwdriver**
- **Gloves**

IMPORTANT SAFETY INSTRUCTIONS

When using product, basic precautions should always be followed, including the following:

- Heed all warnings, including below warnings AND those included on product.
- HALO™ recessed luminaires (fixtures) are designed to meet the latest NEC requirements and are certified in full compliance with UL. Before attempting installation of any recessed lighting luminaire check your local electrical code. This code sets the wiring standards for your locality and should be carefully studied before starting.
- Read and follow these instructions.
- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- Connect fixture to a 120 volt, 60 Hz power source. Any other connection voids the warranty.
- Fixture should be installed by persons with experience in household wiring or by a qualified electrician. The electrical system, and the method of electrically connecting the fixture to it, must be in accordance with the National Electrical Code and local building codes.
- WARNING - Risk of fire or electric shock. Install this kit only in luminaires that have 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.

⚠ WARNING

Risk of Fire - MINIMUM 90°C SUPPLY CONDUCTORS. If uncertain, consult an electrician.

Risk of Electric Shock - To avoid possible electrical shock, be sure that power supply is turned off at fuse box or circuit breaker before installing or servicing luminaire.

⚠ WARNING

Risk of Fire/Electric Shock - LED Retrofit Kit installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician. Luminaire wiring and electrical parts may be damaged when drilling for installation of LED retrofit kit. Check for enclosed wiring and components.

⚠ WARNING

Risk of Fire/Electric Shock

- LED connector is compatible with Halo 5" H550 Series and 6" H750 and H2750 Series LED Housings
- LED connector meets California Title-24 high-efficacy luminaire standard as a non-screw base socket.
- LED connector is a non-screwbase luminaire disconnect for tool-less installation.

⚠ CAUTION

Edges may be Sharp - Wear gloves while handling.

COOPER Lighting Solutions

FCC STATEMENT

FCC Statement

- 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.
  - (2) This device must accept any interference received, including interference that may cause undesired operation.

Note: The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications 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

RF Exposure Statement

- This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

IC Statement

- This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions: (1) This device may not cause interference. (2) This device must accept any interference, including interference that may cause undesired operation of the device.
- This device complies with ISED ICES Standard Canada ICES-005(B) / NMB-005 (B)

IC 20cm RF

- This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.
- This device complies with industry Canada license-exempt RSS-247 standard(s).
- This equipment complies with FCC & IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.
- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
- This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions: - (1) This device may not cause interference; and - (2) This device must accept any interference, including interference that may cause undesired operation of the device.

FCC ID - 2AC7Z-ESP32SOLO1

IC Code - 21098-ESP32SOLO1

SAVE THESE INSTRUCTIONS AND WARNINGS.

5-YEAR WARRANTY

THE FOLLOWING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, WHETHER EXPRESS, IMPLIED OR STATUTORY INCLUDING, BUT NOT LIMITED TO, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.

Cooper Lighting Solutions warrants to customers that, for a period of FIVE years from the date of purchase, Cooper Lighting Solutions products will be free from defects in materials and workmanship. The obligation of Cooper Lighting Solutions under this warranty is expressly limited to the provision of replacement products. This warranty is extended only to the original purchaser of the product. A purchaser's receipt or other proof of date of original purchase acceptable to Cooper Lighting Solutions. This is required before warranty performance shall be rendered.

This warranty does not apply to Cooper Lighting Solutions products that have been altered or repaired or that have been subjected to neglect, abuse, misuse or accident (including shipping damages). This warranty does not apply to products not manufactured by Cooper Lighting Solutions which have been supplied, installed, and/or used in conjunction with Cooper Lighting Solutions products. Damage to the product caused by replacement bulbs or corrosion or discoloration of brass components are not covered by this warranty.

LIMITATION OF LIABILITY:

IN NO EVENT SHALL Cooper Lighting Solutions BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES (REGARDLESS OF THE FORM OF ACTION, WHETHER IN CONTRACT, STRICT LIABILITY, OR IN TORT INCLUDING NEGLIGENCE), NOR FOR LOST PROFITS; NOR SHALL THE LIABILITY OF Cooper Lighting Solutions FOR ANY CLAIMS OR DAMAGE ARISING OUT OF OR CONNECTED WITH THESE TERMS OR THE MANUFACTURE, SALE, DELIVERY, USE, MAINTENANCE, REPAIR OR MODIFICATION OF Cooper Lighting Solutions PRODUCTS, OR SUPPLY OF ANY REPLACEMENT PARTS THEREFORE, EXCEED THE PURCHASE PRICE OF Cooper Lighting Solutions PRODUCTS GIVING RISE TO A CLAIM. NO LABOR CHARGES WILL BE ACCEPTED TO REMOVE OR INSTALL FIXTURES.

All returned products must be accompanied by a Return Goods Authorization Number issued by the Company and must be returned freight prepaid. Any product received without a Return Goods Authorization Number from the Company will be refused.

Cooper Lighting Solutions is not responsible for merchandise damaged in transit. Repaired or replaced products shall be subject to the terms of this warranty and are inspected when packed. Evident or concealed damage that is made in transit should be reported at once to the carrier making the delivery and a claim filed with them. Do not use with any other manufacturer's dimmers.

Reproductions of this document without prior written approval of Cooper Lighting Solutions are strictly prohibited.

NON-SCREWBASED LED LUMINAIRES

Before proceeding, confirm your recessed housing is compatible with RL56 LED Retrofit Modules. A list of the most common housings is provided below. Along with those noted below the RL56 LED Retrofit Modules are UL Certified for use with any 5" or 6" diameter recessed housing constructed of steel or aluminum with an internal volume that exceeds 108 in.^{3} and does not exceed the input rating of the housing.

- **HALO®:** H7ICAT, H7ICT, H7T, H7ICATNB, H7ICTNB, H7TNB, H7UICAT, H7UICT, H7TCP, H7RICAT, H7RICT, H7RT, H27ICAT, H27ICT, H27T, H27RICAT, H27RICT, H27RT, H5ICAT, H5ICATNB, H5RICAT, H5T, H5TNB, H5RT, H5TM, H25ICAT, H25ICATNB, E27ICAT, E27RICAT, E27RTAT, E27TAT, E7ICAT, E7ICATNB, E7RICAT, E7RTAT, E7TAT, E7TATNB, E5ICAT, E5ICATNB, E5RICAT, E5RTAT, E5TAT, E5TATNB

  HALO® LED: H750ICAT, H750RICAT, H750T, H750TCP, H2750ICAT, H2750RICAT, H550ICAT, H550RICAT, E550ICAT, E550RICAT, E750ICAT, E750RICAT
- **HALO® LED Retrofit:** ML7BXRFK, ML7E26RFK
- **Juno:** IC22, IC22R, IC22W, IC22S, IC23, IC23W, IC21, IC21R, IC2, TC2, TC2R, IC20, IC20R, IC25, IC25R, IC25W, IC25S, TC20, TC20R
- **Lightolier:** 1104ICS, 1104ICR, 1104SIC, 1104SICR, 1004ICS, 1004ICR, 1004SIC, 1004SICR
- **Capri:** CR1, PR1, QL1, R9ASIC, R5
- **Progress:** P86TG
- **Lithonia:** L7X, L7XP
- **Thomas:** PS1, R9ASIC/PS9RM
- **Prescolite:** IBXS
- **Commercial Electric:** C7ICA (H3), H18
- **Elco:** (HL7ICA) EL7ICA

INSTALLATIONS INSTRUCTIONS & MOUNTING

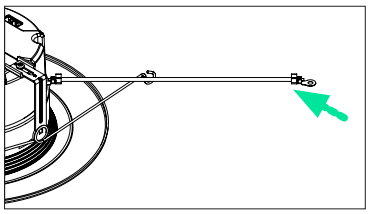
1 For ground connection, attach the preinstalled green ground wire on the light to the housing, using 1 of 3 connection methods:

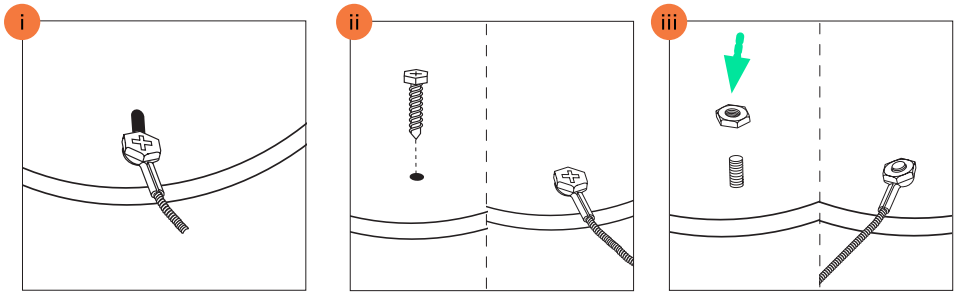
i. Use sheet metal screw (B) to attach to 1 of 3 slots inside housing.

ii. Drive pan head screw (C) into existing hole inside the housing. Note: If no hole exists, drill a small [1/8"] pilot hole and use the provided #8 sheet metal screw (B).

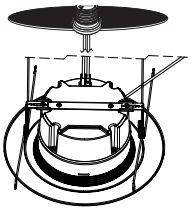
iii. Twist nut (D) onto the threaded stud in housing wall.

Note: If no hole exists, drill a small pilot hole and use the provided #8 sheet metal screw.

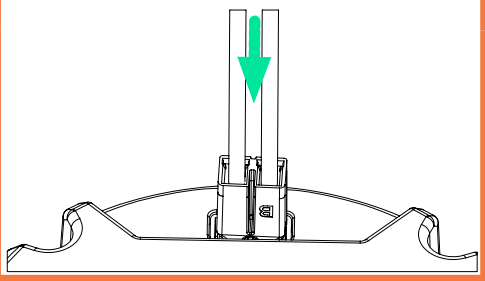




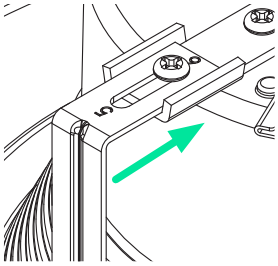
2 *Skip this step if the housing is already equipped with an orange quick connector.* If installed: Remove the mounting bracket and plate from inside the housing and then remove the socket from the plate. Then **screw the Socket Adapter (B)** into the housing.



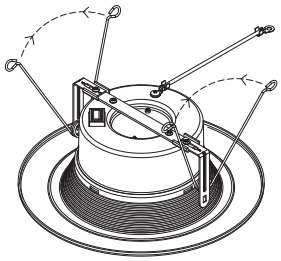
3 Plug the orange quick connect into the light.



4 *Skip this step if installing into a 6" housing.* For 5" housings: Loosen screws on top brackets and **slide them into the 5" position** & retighten the screws.



5 **Press both pairs of torsion spring legs together** and insert them into the receivers inside the housing.



6 **Setup and Control**

DiYers & Homeowners: Configure and control lighting quickly using the **WiZ App**.

Installers: Use the **WiZ Pro Setup App** for initial claiming and configuration over Bluetooth and to manage multiple projects. Then control with advanced features using the **WiZ Pro Dashboard** and **WiZ App** once Wi-Fi is connected. For more information visit: **pro.wizconnected.com**

UNINSTALLING

Torsion Springs Method

1. Pull down firmly on the module until it stops.
2. Reach between the flange of the light (inside the can) and squeeze legs together to remove the fixture.
3. Unplug the orange connector and remove the ground wire.

Friction Clips Method

1. Twist the fixture (about 60°) counterclockwise to release the grip of the friction clips.
2. Pull down firmly on the fixture to remove it from the housing.
3. Unplug the orange connector and remove the ground wire.

ALTERNATE INSTALLATION - FRICTION CLIPS

Friction Clips Method

1. Unscrew the torsion spring brackets from the module and discard.
2. Insert friction clips into friction clip holders making sure that they are fully seated, and **locking feature engages (indicated by a click).**
3. Properly wire the unit as instructed in WIRING section of these instructions.
4. Make sure all 3 friction clips are full expanded by rotating the clips as shown.
5. Align the module in the center of the recessed housing and firmly press the light fixture upward into it.

COOPER Lighting Solutions

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