

BEFORE YOU BEGIN

WARNING · Make sure power is **OFF** at the electrical panel before starting installation or any maintenance. Indoor installation only unless otherwise noted.

SAFETY · This fixture must be wired in accordance with local electrical codes and ordinances. All work should be done by a qualified electrician.

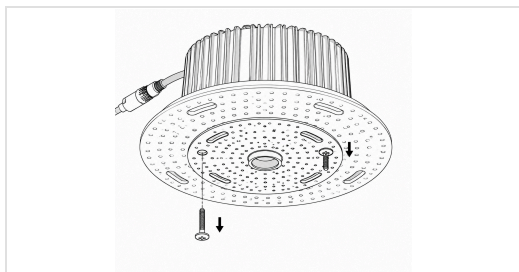
NOTE · Read all instructions before installing. Keep this sheet for future reference.

PLUG · Do not power the fixture with the foam plug installed — damage may result. Remove the plug if you must energize during install.

SPECIFICATIONS

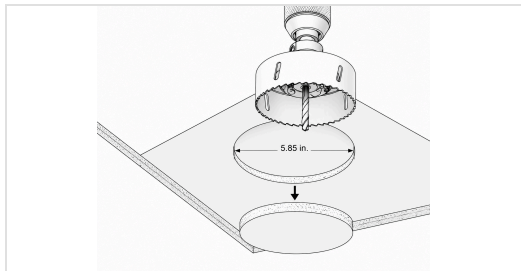
INPUT / OUTPUT	24 V DC in · 33–38 V DC · 350 mA out
WATTAGE	15 W (≈ 140 W halogen)
LUMENS	1200 lm
CCT	2700 · 3000 · 3500 · 4000 · 5000 K
CRI	Ra > 90
BEAM · LIFETIME	50° · 50,000 h
OPERATING TEMP · LOCATION	–40 °C to +40 °C · Wet
OD · ID · THICKNESS · CUT-OUT	8.5" · 2.95" · 0.79" · 5.85" (149 mm)

INSTALLATION

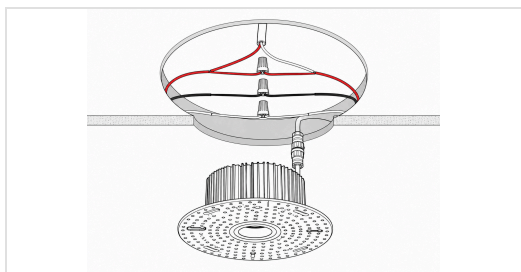
**01**

Install the small mesh onto the big mesh with two screws.

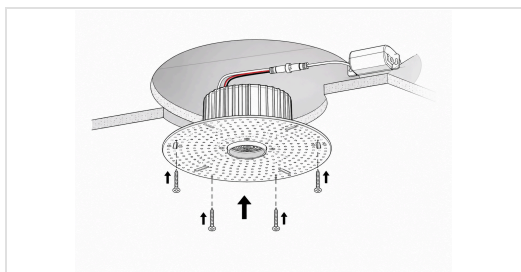
INSTALLATION (CONTINUED)

**01**

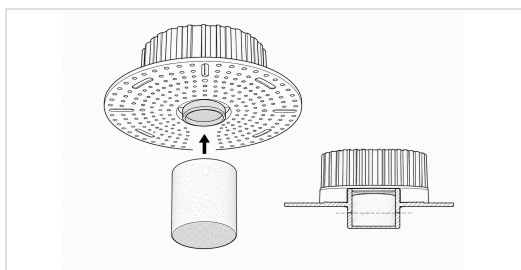
Cut a 5.85" (149 mm) diameter hole in the drywall ceiling.

**02**

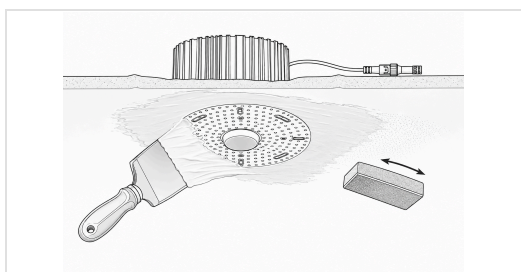
Connect the three leads from the remote power supply: Red-Red, Black-Black, White-White.

**03**

Insert the housing into the ceiling opening. Press the trimless frame against the ceiling and fasten four drywall screws.

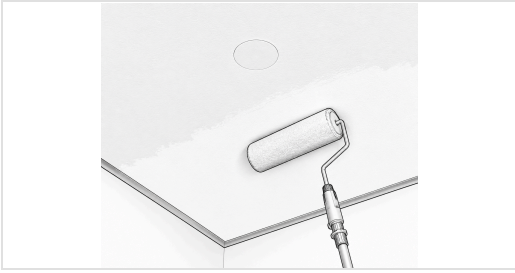
**04**

Install the foam plug — bottom surface higher than the collar edge.

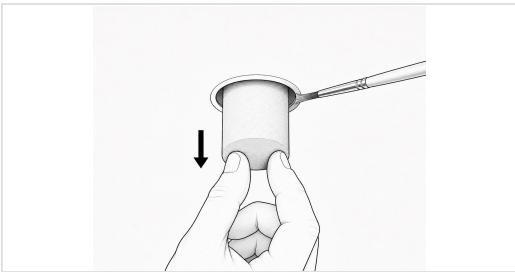
**05**

Apply plaster or spackle over the trimless frame; sand smooth when dry.

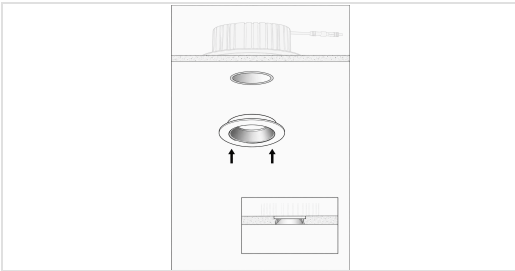
INSTALLATION (CONTINUED)

**01**

Paint the ceiling, covering the housing opening and plug.

**02**

Gently pull the plug edge down to remove. Touch up paint and clean the collar edge.

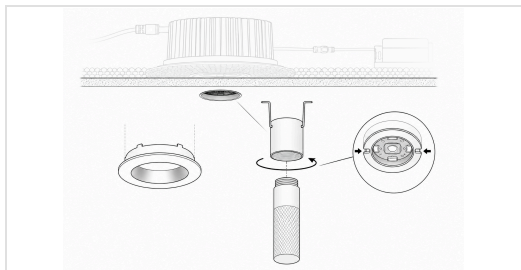
**03**

Install the trim & reflector assembly by gently pushing it into the housing collar opening, flush with the ceiling.

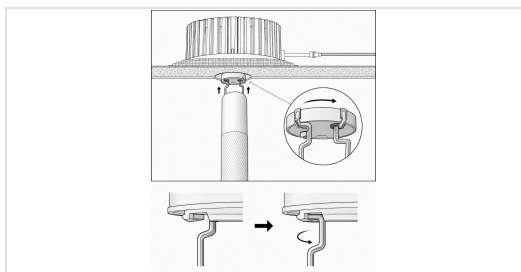
REMOVING THE TRIM

Turn power off and allow the trim to cool. Unscrew the top cylinder of the service tool to expose the stainless hook. Place the hook tip into the gap between reflector bottom and trim top. Pull gently down to remove. (Fig. 9)

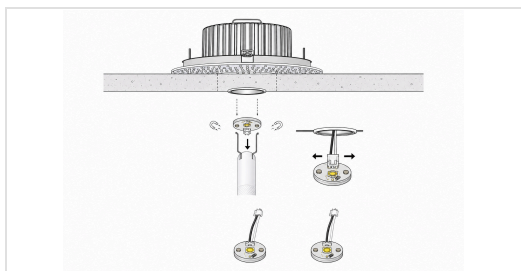
REPLACING THE LIGHT ENGINE

**01**

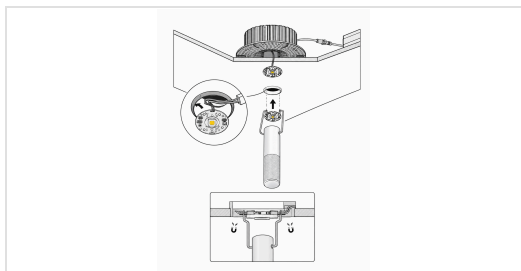
Remove the trim. Screw the top cylinder onto the tool base. Locate two notches on the LED holder inside the housing collar.

**02**

Insert the tool so the L-shape hooks travel through both notches, then turn slightly clockwise to engage the holder's tabs.

**03**

Pull gently down to separate the magnets and remove the light engine. Disconnect the wire connector and swap engines.

**04**

Reconnect, tuck leads back into the cavity, and seat the engine — the magnet will pull it home.

REMOTE POWER SUPPLY WIRING

☒ + V DC	RED
☒ - V DC	BLACK
☐ Signal	WHITE

WARRANTY & COMPLIANCE

Three-year limited warranty against defects in materials and workmanship from date of original purchase, when installed and operated per these instructions. Excludes acts of God, surge, neglect or misuse. Authorized distributor purchase required. Sale limited to Canada / USA jurisdictions.

FCC: this device complies with Part 15. Operation is subject to (1) no harmful interference, and (2) acceptance of received interference.

DISCLOSURE

This guide is provided for qualified installers and licensed electrical contractors. All electrical connections must comply with the National Electrical Code (NEC) and applicable local building and fire codes. Work should be performed only by personnel trained in low-voltage and line-voltage lighting installation.

DirectLED is not liable for injury, property damage, or product failure resulting from improper installation, modification, or use outside the specifications described in this document. Always disconnect power at the breaker before servicing any fixture.

Product specifications, dimensions, and accessory kits are subject to change without notice. Photography and diagrams in this guide are for reference only and may not reflect the exact finish, hardware, or revision of the product shipped. Where a discrepancy exists between this guide and the physical product, contact DirectLED technical support before proceeding.

© 2026 DirectLED. All rights reserved. This document may not be reproduced or distributed without written permission.