

IMPORTANT — READ BEFORE INSTALLING

Read carefully before installing fixture. Keep these instructions for future reference. This fixture 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 person familiar with the construction and operation of the product and the hazards involved.

SHOCK · **Risk of electric shock** — disconnect power at fuse or circuit breaker before installing or servicing.

LAMP LIFE · To prevent early lamp failure, lamp should only be installed in operating environments ranging between -20 °C and +40 °C (-4 °F and 104 °F).

NO SERVICE · No user-serviceable parts inside. To avoid electrical shock do not disassemble product.

FIRE / SHOCK · LED retrofit kit installation requires knowledge of luminaires' electrical systems. If not qualified, do not attempt installation — contact a qualified electrician.

FIT CHECK · Install this kit only in luminaires that have the construction features and minimum dimensions shown on Fig. 1, and where the input rating of the retrofit kit does not exceed the input rating of the luminaire.

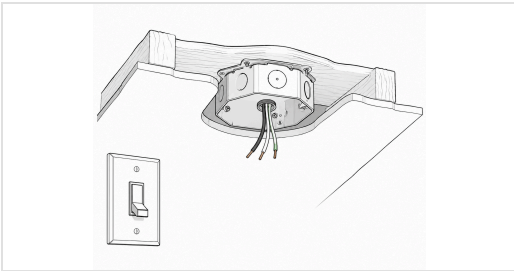
CAUTIONS

- 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.
- Installers should not disconnect existing wires from lampholder terminals to make new connections. Instead, cut existing lampholder leads away from the lampholder and make new electrical connections to lampholder lead wires by employing applicable connectors.
- This fixture is accepted as a component of a luminaire where the suitability of the combination shall be determined by authorities having jurisdiction.
- **This device is not intended for use with emergency exits.**
- This fixture is suitable for wet locations where luminaires are specified as: type non IC; type IC; covered ceiling; uncovered ceiling.
- Installers should examine all parts that are not intended to be replaced by the fixture and replace any damaged parts prior to installation.

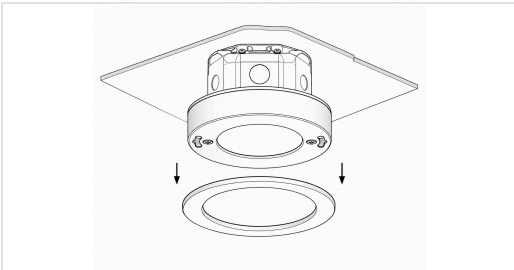
TOOL REQUIRED

A screwdriver is needed for installation.

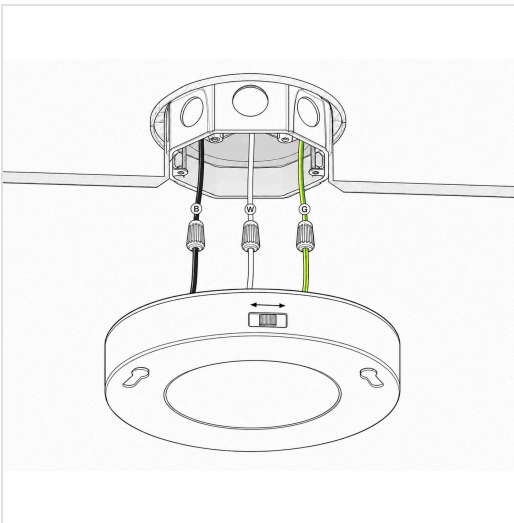
INSTALLATION WITH J-BOX

**01**

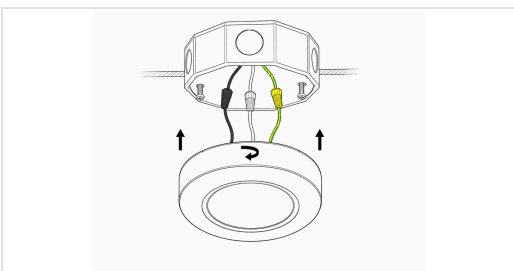
Make sure power is turned off and the J-box is fixed on the ceiling surface.

**02**

Take off the existing magnetic trim from the fixture.

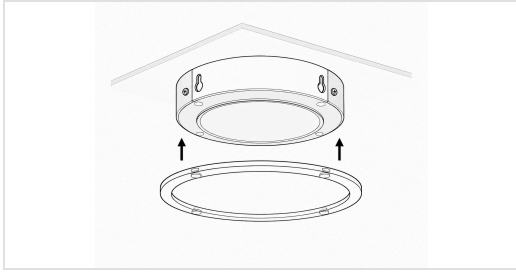
**03**

Select desired color temperature. Make sure live (black) and neutral (white) wires, ground (yellow & green) wire are accessible from J-box. Wire live (black) to fixture black; wire neutral (white) to fixture white; wire ground (yellow & green) to fixture ground (yellow & green). Carefully tuck wires inside J-box.

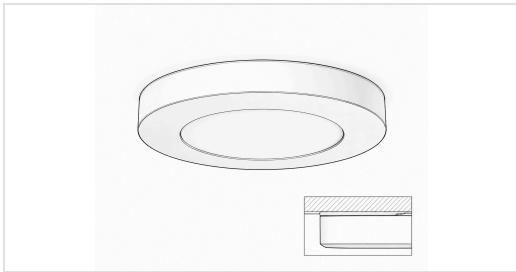
**04**

Push the fixture without trim into the J-box. Secure and lock the fixture with the screws.

INSTALLATION WITH J-BOX (CONTINUED)

**01**

Fasten the magnetic trim to the fixture. White trim is included; magnetic color trim is an optional accessory and sold separately.

**02**

Make sure the fixture is flush with the ceiling.

WIRING REFERENCE

■ Live / Line	BLACK
□ Neutral	WHITE
■ Ground	YELLOW & GREEN

COVERAGE · These instructions do not cover all details or variations in equipment, nor do they provide for every possible situation during installation, operation or maintenance.

FCC · 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. 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.

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.

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