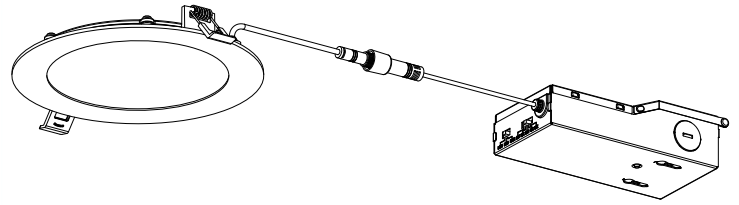


ULTRA-THIN LED DOWNLIGHT

Essential Series



INSTALL SHEET

READ ALL INSTRUCTIONS BEFORE INSTALLATION | SAVE THESE INSTRUCTIONS

Commercial Installation, Service and Maintenance of Luminaires Should be Performed by a Qualified Licensed Electrician

WARNING

FAILURE TO FOLLOW THESE INSTRUCTIONS AND WARNINGS MAY RESULT IN SERIOUS INJURY OR DAMAGE TO PROPERTY

- For your safety, thoroughly read these instructions and warnings in their entirety prior to installing or servicing this product. These instructions do not attempt to cover all installation and maintenance circumstances. If you do not understand these instructions or if additional information is needed, please contact customer service.

RISK OF FIRE OR ELECTRIC SHOCK, OR PERSONAL INJURY

- This product must be installed and serviced by a professional electrician in accordance with applicable federal, state, and local laws, regulations, and electrical code. If not qualified, do not attempt installation of this product. Contact a qualified electrician.
- To avoid risk of electrical shock, turn off power before installing or servicing.
- Verify that supply voltage is correct by comparing with the input voltage on the luminaire label.
- Make all electrical and ground connections in accordance with NEC and any applicable code requirements
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- Do not make or alter any open holes in any of the enclosures with wiring or electrical components during installation.

SUITABLE LOCATIONS

- This luminaire is made for permanent installation in ordinary (non-hazardous) locations in accordance with NEC code and all applicable local and federal codes. Do not use in applications with limited ventilation or high ambient temperature enclosures.
- Suitable for Wet Location.
- Recessed Luminaire for Type IC.

WIRING DIAGRAM

Refer to Wiring Diagram to Ensure Safe and Proper Operation.

If NOT Using 0-10V Dimming:

- Cap off Purple and Pink Leads

Line (Black)

Neutral (White)

**AC Input
120-277V**

GND (Green)

LED Driver

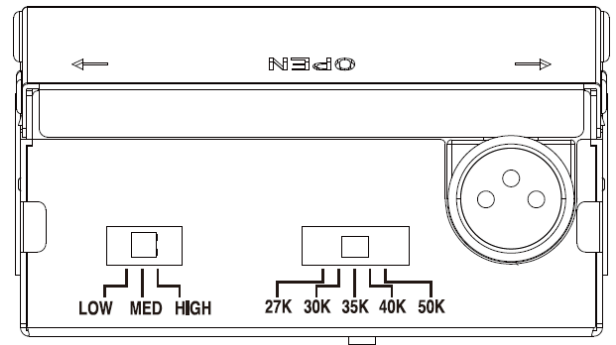
Dim- (Pink)

Dim+ (Purple)

SELECTABLE WATTAGE AND CCT

Wattage output and CCT can be selected respectively by use of DIP switches.

- To select wattage and CCT slide respective DIP switch to the desired value as marked on fixture.



COMPATIBLE ACCESSORIES

Accessory	4"	6"	8"
New Construction Plate	ACC-DL-NCF-AB	ACC-DL-NCF-AB	ACC-DL-NCF-AB
EM Driver	EB-15-TL15X	EB-15-TL15X	EB-15-TL15X

INSTALLATION INSTRUCTIONS

PRE-INSTALLATION

WARNING

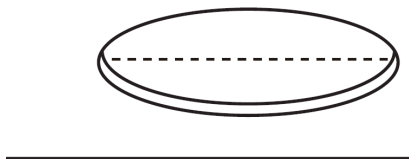
Make sure all power is OFF before installation. Shutting power off at breaker is recommended.

Carefully unpack fixture and properly inspect for defects before installation. Wear work gloves to prevent dirt and oil from being transferred to the fixture. If cleaning is needed, use gloves and a dry cotton cloth. It is not recommended to use hazardous chemicals.

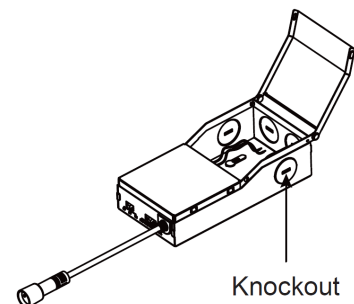
RETROFIT OR NEW CONSTRUCTION

1. Locate a suitable location for the fixture with access to power supply leads. Check and measure the ceiling hole to make sure it is the correct size for the outer rim of the downlight to cover the hole. If new hole needs to be cut, use provided stencil to mark and cut proper size hole.

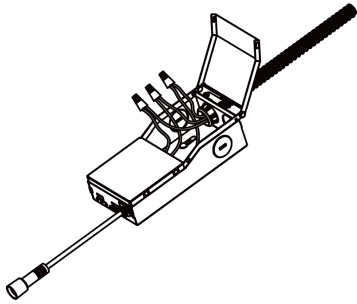
** If replacing existing light fixture, first remove or move out of the way.*



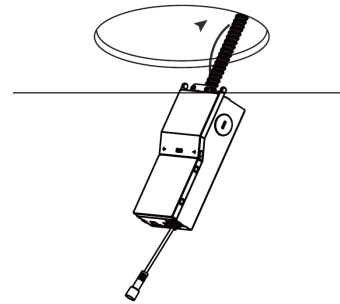
2. Open the cover of the junction box and remove the appropriate Knockout(s).



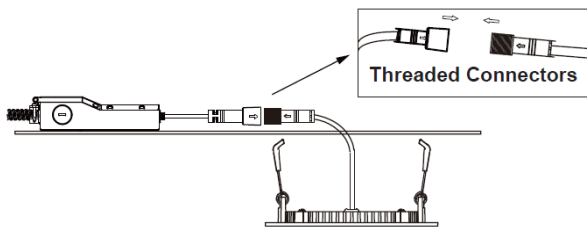
- 3.**
Wire fixture according to Wiring Diagram found in this Manual. Route LED driver input leads into junction box and connect power source using connectors (provided). (The grounding of the overall system shall be done in accordance with NEC and local codes)
** If needed, use appropriate strain relief or bushing (provided by others) on power supply leads inserted into junction box.*



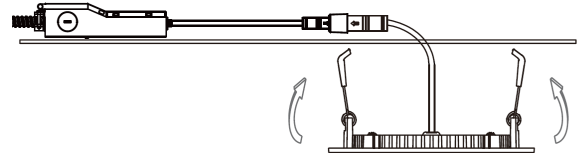
- 4.**
Place remote driver junction box through the cut out hole.
** If remote driver needs to be secured above ceiling, use keyhole fittings on bottom of junction box to secure using screws (not included).*



- 5.**
Connect the remote driver to the downlight using male/female connector cables and tighten the Threaded Connectors by hand.



- 6.**
Pull the spring clips on the fixture upward and place through the ceiling hole. Insert the base of the downlight into with the ceiling. Make sure spring clips are holding securely.
** WARNING: DO NOT PLACE YOUR HAND/FINGERS UNDERNEATH SPRING CLIPS WHEN REMOVING DOWNLIGHT. SNAPPING OF CLIPS CAN CAUSE INJURIES.*



- 7.**
Turn power back on. If downlight does not illuminate, carefully remove assembly and verify all wiring.

LIABILITY COMMENTS

To Ensure Safety and Proper Legal Protection Regarding the Installation of the Ultra-Thin LED Downlight Essential Series, Please Observe the Following Liability and Safety Guidelines:

Qualified Personnel Only: Commercial installation, service, and maintenance of these luminaires must be performed by a qualified licensed electrician.

Adherence to Codes: If you are uncertain about any part of the installation or maintenance process, you must consult a licensed electrician and verify compliance with all local electrical codes.

Pre-Installation Inspection: It is the installer's responsibility to carefully unpack the fixture and inspect it for any defects before beginning the installation.

Power Safety: Electrical power must be turned off at the fuse or circuit breaker box before wiring the fixture to a power supply or performing any maintenance.

Voltage Verification: The installer is responsible for verifying that the supply voltage is correct by comparing it with the luminaire label information.

Wiring Protection: To prevent damage, do not expose wiring to sharp objects or sheet metal edges, and ensure all connections are capped with UL approved wire connectors.

Modification Prohibited: Do not make or alter any open holes in the wiring enclosure or electrical components during installation.

Assumption of Risk: Failure to follow all instructions and warnings included with the fixture box and labels may result in property damage, personal injury, or death.