

Catalog #:	
Project :	
Type :	Date:
Notes:	

LED Commercial Down Light (New Construction/Retrofit)

TK-SPDL1ECO™ SERIES

DESCRIPTION

The SPDL Eco series are LED commercial downlights that come in 4", 6", 8" and 10" sizes and up to 40w power. They have a separable junction box and trim for more flexibility. They are easy to install - just wire them to a wall switch and place them into the ceiling. No can, bulb or extra labor needed.

APPLICATIONS

This product is a recessed lighting fixture that can be installed in various commercial and public spaces, such as malls, hospitals, airports, and hotels. It enhances the aesthetics of the environment with its elegant design and engineering.

QUICK SHIP :

TK-SPDL1ECO-4-10W-3CCT
TK-SPDL1ECO-4-15W-3CCT
TK-SPDL1ECO-4-20W-3CCT



Specification Features

Controls / Dimming

0-10V Dimming. Spun aluminum reflector integrated with haze finish and white trim ring with shadow free. Aluminum housing. CCT Adjustable. 50,000 working hours.

LED Driver

It is powered by Class 2 high efficiency LED driver, with a standard 1-10V dimming which continuous dims to 10% that works with many types of controls. Tested Dimmers: Lutron® Diva-Dvtv, Leviton® IP-710-DL.

Certification

It complies IC Rated, UL Listed, Energy Star, Damp Location rated,

Installation / Mounting

Easy-fit installation comes from the adjustable butterfly clips.

Warranty

5 Years Limited Warranty. See warranty documentation for more information.

Ordering Information

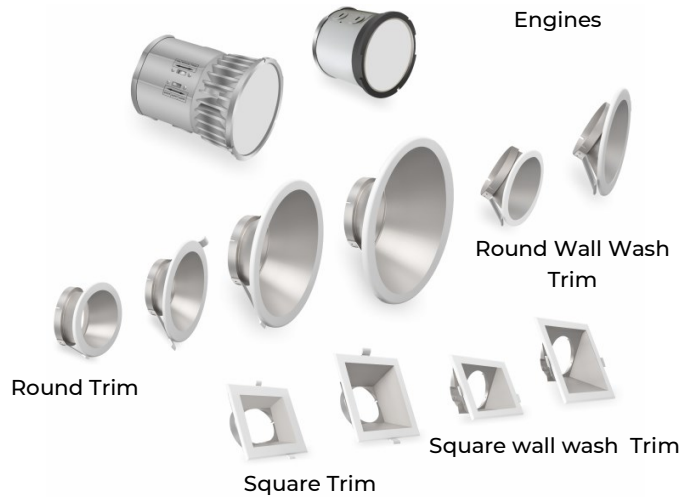
Example: TK-SPDL1ECO-4-20W-3CCT

TK	SPL1ECO	4	14W	CCT	Options
Brand	Series	Diameter	Watts	Color	Trims
TK TekTron	SPL1ECO Commercial Downlight Retrofit	4" 6" 8" (only round trim available) 10" (only round trim available) Trims (optional) Round Trim 4", 6", 8", 10" Square Trim 4", 6" Round Wall Wash Trim: 4", 6" Square Wall Wash Trim 4", 6"	10W (only CCT adjustable available) 15W (only CCT adjustable available) 20W - 10W/15W/20W (Wattage selectable) 40W - 27W/34W/40W (Wattage selectable)	3000K/4000K/5000K (CCT Adjustable)	Round Trim Square Trim Round Wall Wash Trim Square Wall Wash Trim Mounting Kit 4"~8" New Construction Frame Kit 10" New Construction Frame Kit Functions LED Emergency Driver (Order Separated)

Specification Features

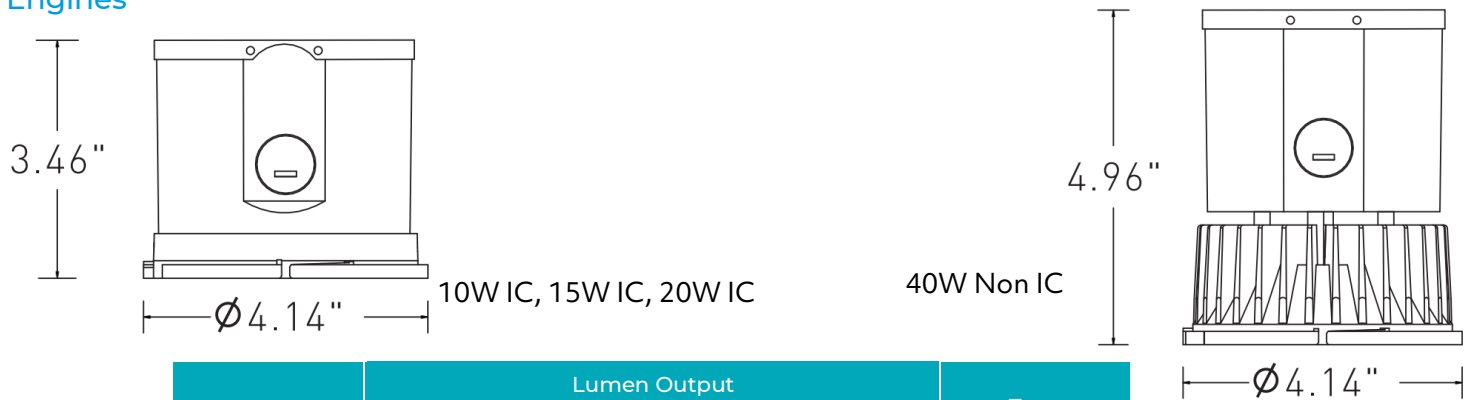
Input Voltage	120-347VAC/120-277V
Color	+80
Luminous efficacy	Upto 90Lm/W
Wattage	10W, 15W, 10W/15W/20W or 27W/34W/40W
THD	<20%
PF	>0.9
CCT	3000K/3500K/4000K (CCT Adjustable)
Life Span	50,000 hrs

Trims And Engines



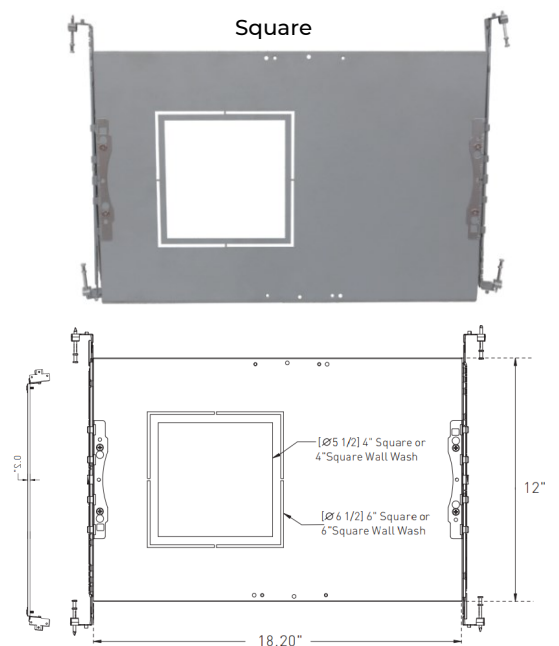
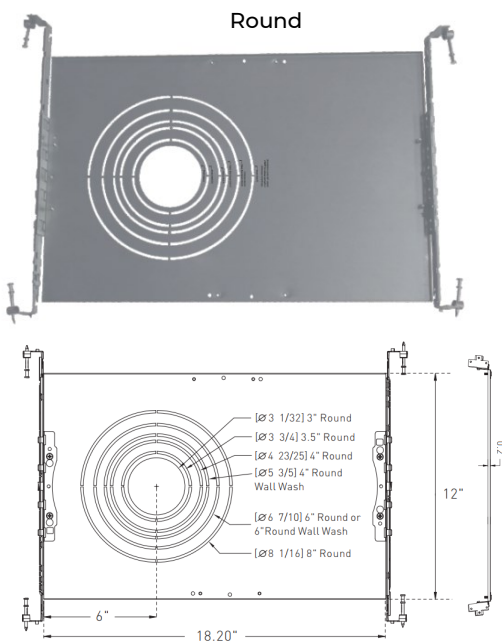
Dimensions

Engines

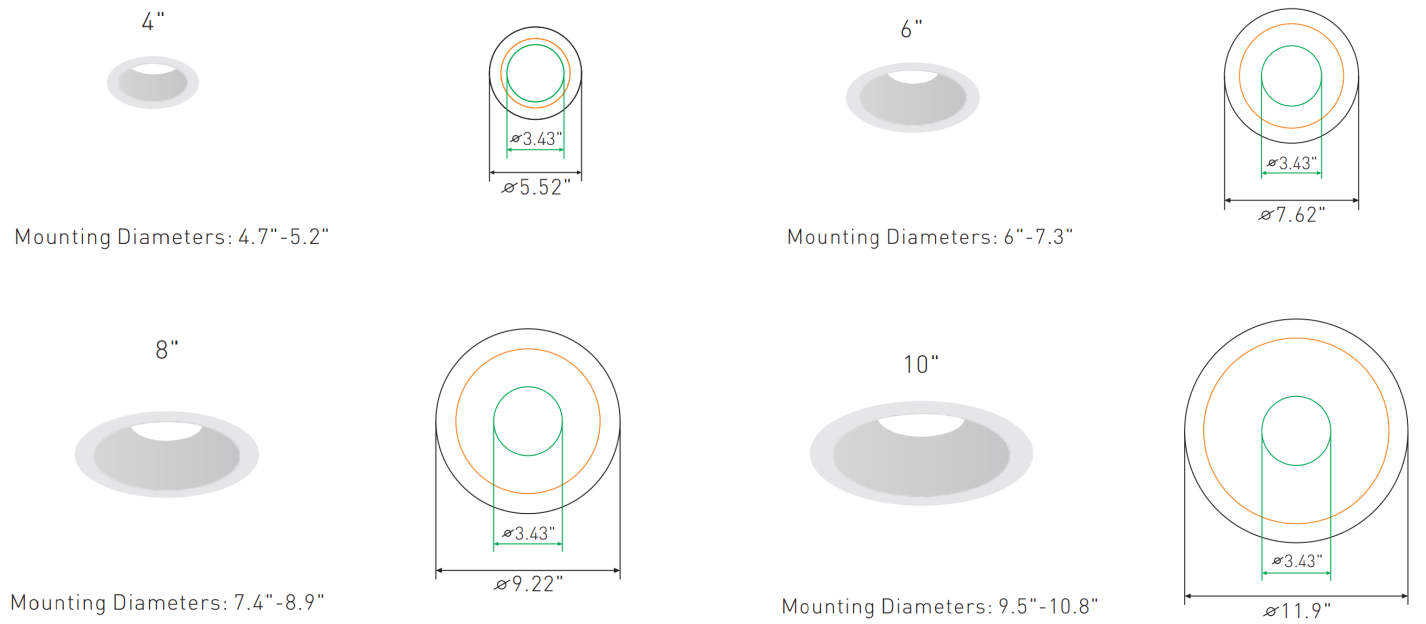


Item	Lumen Output			Type
	High	Medium	Low	
Maximum 20W	20W, 75Lm/W	15W, 78Lm/W	10W, 80Lm/W	IC
Maximum 40W	40W, 80Lm/W	24W, 85Lm/W	27W, 90Lm/W	NON IC

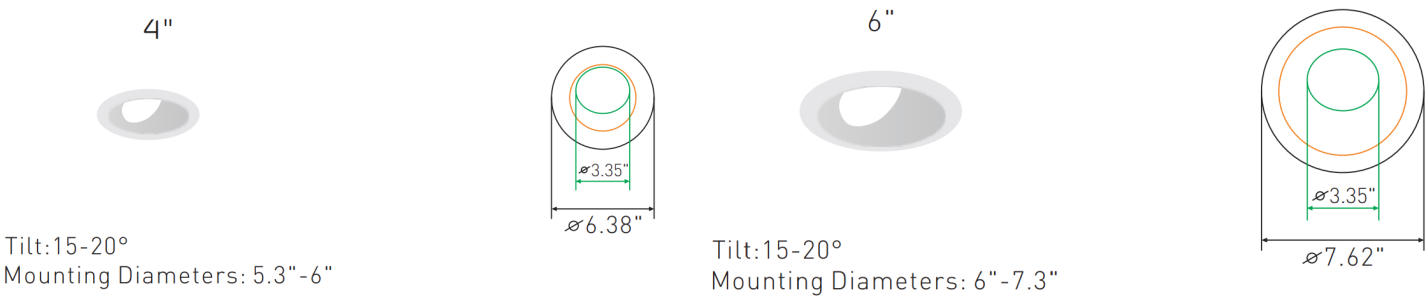
New Construction Frame Kits (optional)



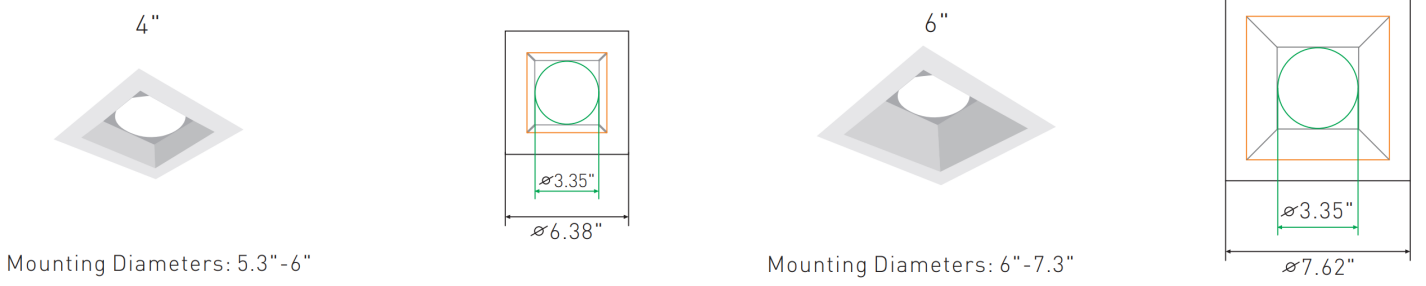
Round Trim Dimension



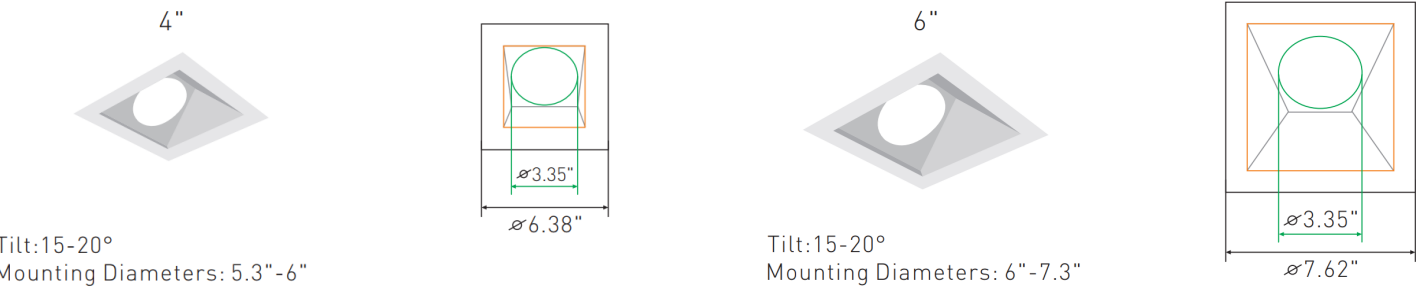
Round Wall Wash Trim



Square Trim



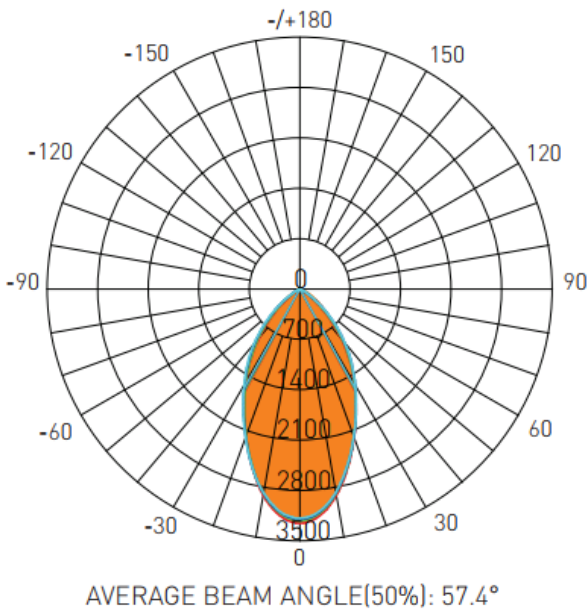
Square Wall Wash Trim



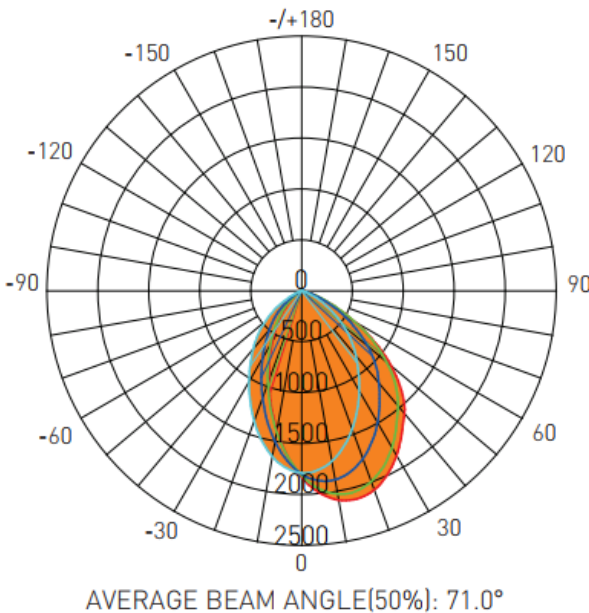
Photometrics

Round Trim & Round Wall Wash Trim

6" 40W Round Trim

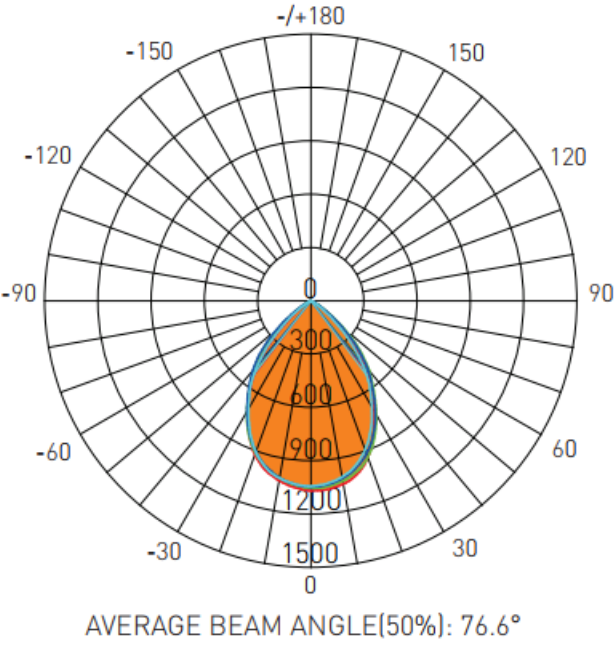


6" 40W Round Wall Wash Trim

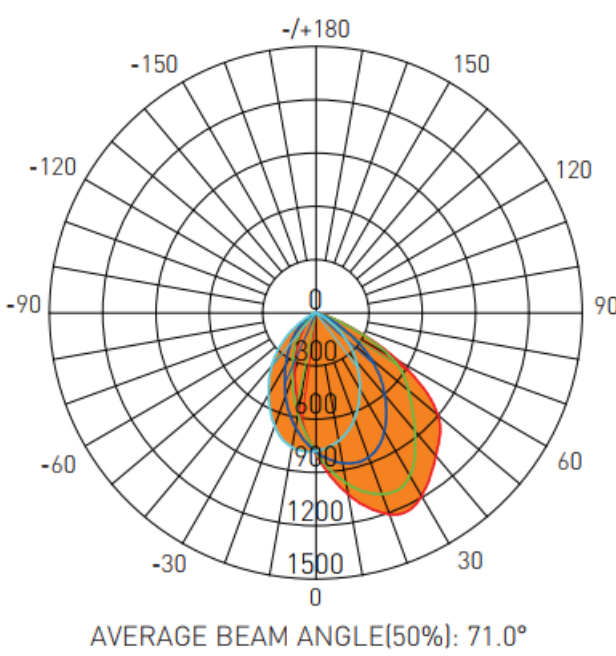


Square Trim & Square Wall Wash Trim

6" 20W Square Trim



6" 20W Square Wall Wash Trim



Installation

IMPORTANT SAFETY INFORMATION

**CAUTION: RISK OF ELECTRIC SHOCK**

Suitable for damp location. Access above ceiling required. Suitable for suspended ceilings.

NOTE

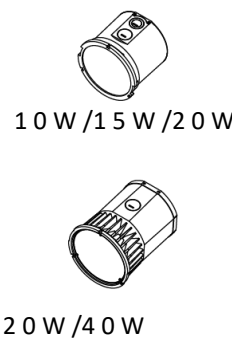
Please read this entire manual to fully understand and safely use this product.

- 1. Unpack and care fully examine the product.
- 2. Report any damage and save all packing materials if any part(s) were damaged during shipping.
- 3. Do not attempt to use this apparatus if it is damaged.

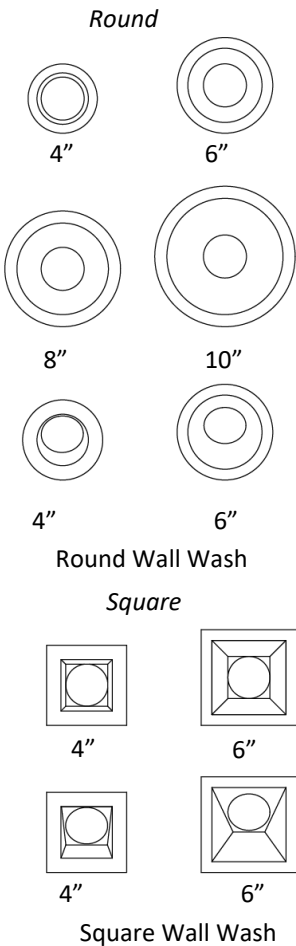
READ ALL INSTRUCTIONS BEFORE INSTALLATION

- 1. Consult a qualified electrician to ensure correct branch circuit conductor.
- 2. The product should be installed and operated by a qualified electrician or technician in accordance with relevant local codes.
- 3. Risk of electric shock. Ensure that main power source is off when wiring or soldering the sections of the product.
- 4. Before installing this fixture or doing any maintenance, make sure to turn off the Power supply at the circuit breaker or fuse box.
- 5. Check to make sure that all fixture connections have been properly made and the fixture is grounded to avoid potential electrical shocks.
- 6. Designed for use in AC 120-240V, 50/60Hz, 0-10V dimming, protected circuit.

Optional LED Engines

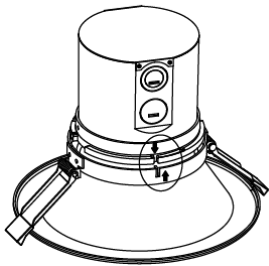


Optional Trims

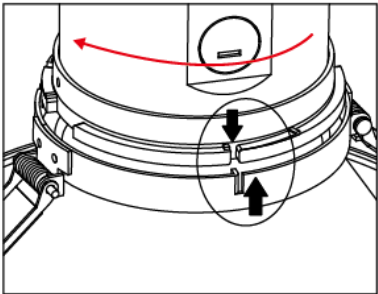


Pre Installation

Combine the LED engine and trim together if they are



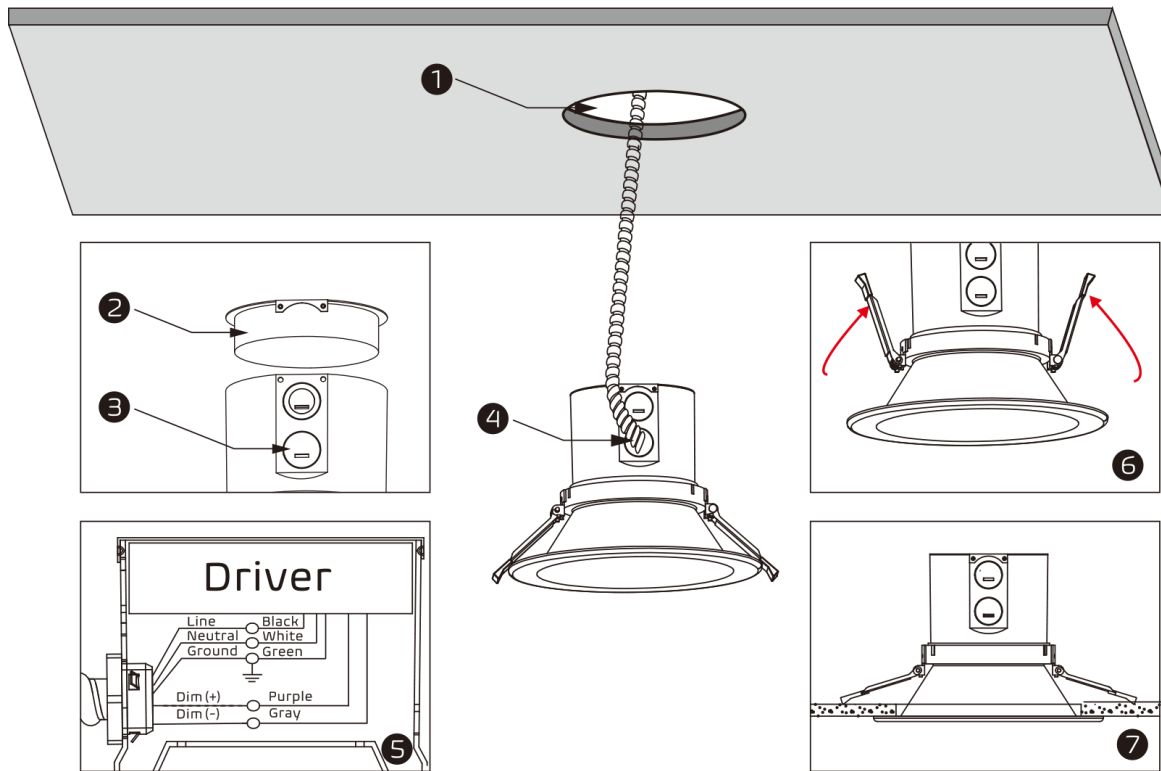
- 1. Match the slot of LED engine and trim according to the direction of arrow as shown.



- 2. Turn clockwise until it is tightened.

Trim Type	Recommended Hole Size
4 inch round	4.7"min. to 5.2" max.
4 inch round wall wash	5.3"min. to 6" max.
4 inch square	5.3"min. to 6" max.
4 inch square wall wash	5.3"min. to 6" max.
6 inch round	6"min. to 7.3" max.
6 inch round wall wash	6"min. to 7.3" max.
6 inch square	6"min. to 7.3" max.
6 inch square wall wash	6"min. to 7.3" max.
8 inch round	7.4"min. to 8.9" max.
10 inch round	9.5"min. to 10.8" max.

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Step 1 Drill hole in the ceiling according to the trim size(See Table 1)

Step 2 Open the cover of LED engine according to the direction of arrow.

Step 3 Remove appropriate knockout(s) for power supply wiring.

Step 4 Bring power supply wires into the junction box using a conduit fitting

Step 5 Connect the line to the black wire, neutral to the white wire and ground wire to the green wire with the supplied quick disconnect.

Step 6 Tighten up the spring to mount the LED downlight onto the ceiling, then adjust the position and complete installation .

Step 7 Installation is complete

Optional Function: Use the wattage and CCT dip-switch (if equipped) to adjust the fixture to the desired wattage level and CCT. Refer to label on top of driver for each setting.

Note: Compatible with 0-10V dimmer If need dimming. The driver PUR(D+) to the dimmer+ (PUR), and the driver GRY(D-) to the dimmer- (GRY) with the supplied nuts. – Tuck all wires and wire nuts into the fixture junction box. – Close the cover according to the direction of arrow.

