

FORME DLT3RIC DOWNLIGHT - INSTALLATION INSTRUCTIONS

**READ AND FOLLOW ALL SAFETY INSTRUCTIONS!
SAVE THESE INSTRUCTIONS AND DELIVER TO OWNER AFTER INSTALLATION.**

WARNING: RISK OF ELECTRIC SHOCK

- Before installation or servicing DISCONNECT POWER BY SHUTTING OFF THE CIRCUIT breakers both to the outlet box and to its associated wall switch.
- Installation and service of luminaires should be performed by a qualified licensed electrician in accordance with all local and National Electrical Codes.
- Do not install damaged product.
- Verify that supply voltage is correct by comparing it with the luminaire label information.
- All wiring connections should be capped with UL approved wire connectors.

WARNING: RISK OF INJURY

- Allow luminaire to cool before servicing.
- Follow all manufacturer's warning and restrictions for driver type, mounting locations, replacement and recycling.
- Wear safety glasses and gloves when installing, maintaining or servicing.
- Avoid direct eye exposure to the light source while it is on.

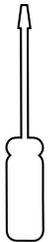
RISK OF PRODUCT DAMAGE

- Never connect components under load.
- Do not touch the yellow surface of the LED as it may damage the light engine.

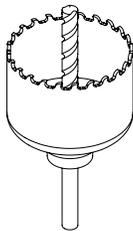
WARNING: RISK OF FIRE

- Do not separate any wires that may be in the box.
- Do not damage the insulation of existing wiring.
- In regular circumstances the BLACK wire will be the "Hot" lead and the WHITE wire will be the "Neutral" or "Common" lead. A GREEN or BARE COPPER wire is the "Ground." In older buildings, it is always good practice to reconfirm the polarity of the wiring.

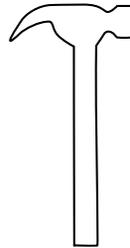
TOOLS REQUIRED



Flat Head
Screw Driver



Hole Saw
(Or Speed Router)



Claw Hammer

ACCESSORIES REQUIRED



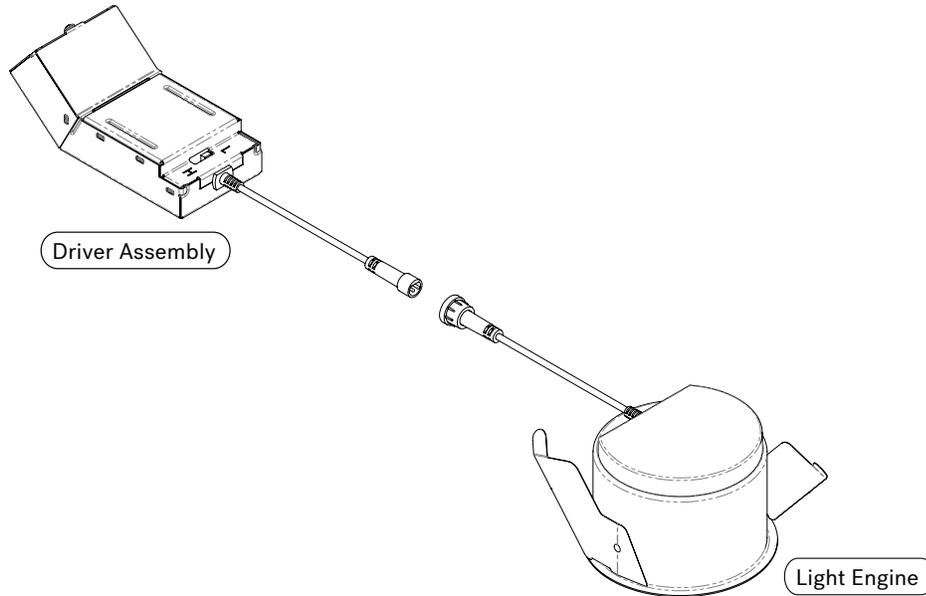
Electrical Wire Nut

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PREPARATION

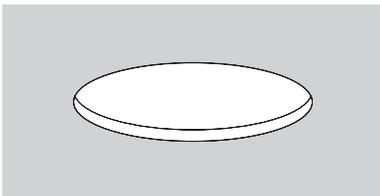
Attach Power Supply

Unpack the Light Engine and Driver Assembly. Save Wire Nuts for future use.
Connect the Light Engine to the Driver Assembly.



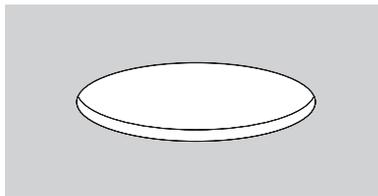
Measure Before You Cut

Consult the ceiling cutout table below to determine your application ceiling cutout requirements.



Flanged Trim
Ceiling Cutout Table

Model	3 inch
Cutout Size	Ø3-3/4 (Ø95.3mm)

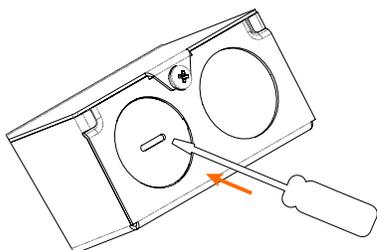


Round Trimless
Ceiling Cutout Table

Model	3 inch
Cutout Size	Ø4-1/2 (Ø114.3mm)

Remove Knock-Out

Remove knock-out where needed with a flat-head screwdriver.

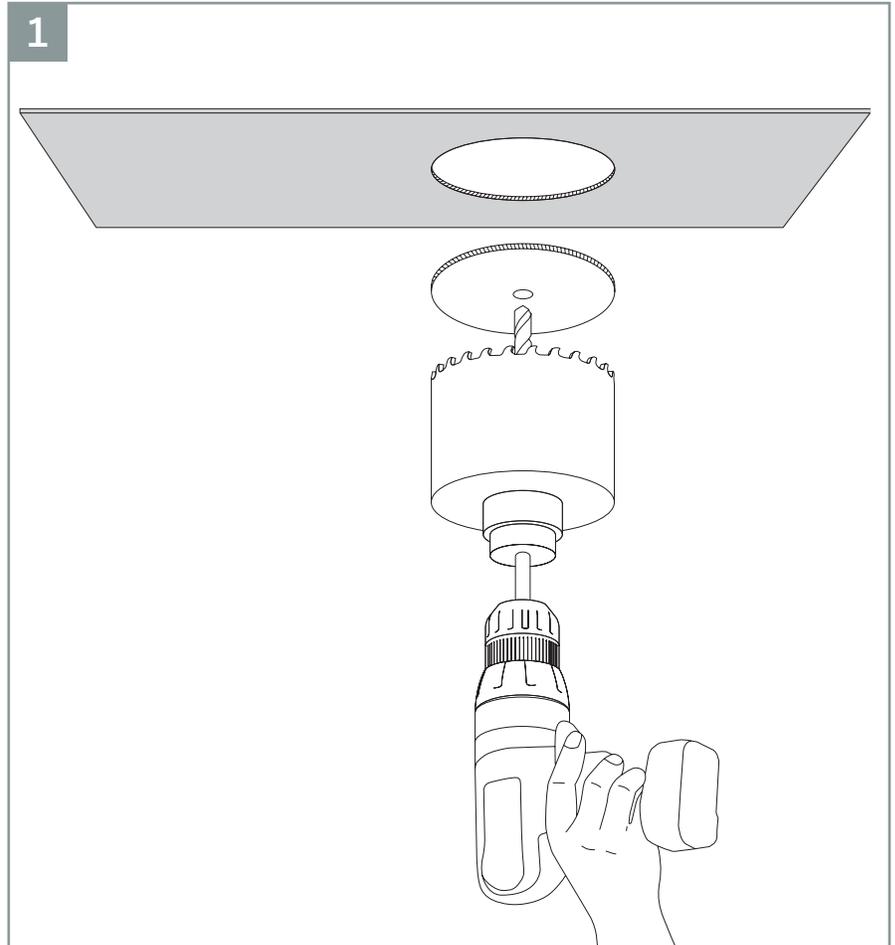


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INSTALLATION

STEP 1 - Ceiling Cutout + Installation AFTER CEILING OR TILE INSTALLATION

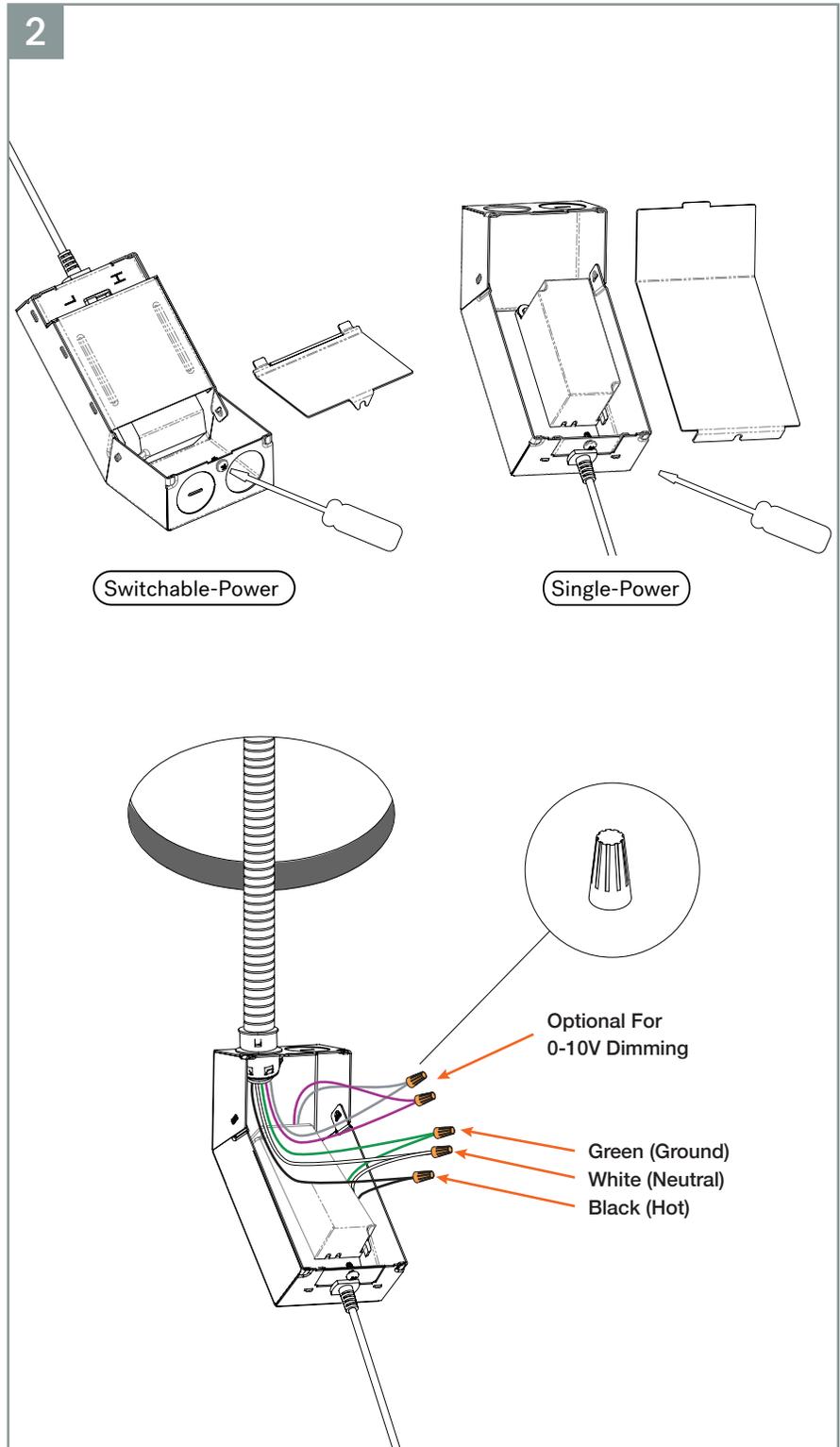
- Consult the appropriate “Ceiling Cutout Table” before cutting the ceiling or tile is attached.
- Cut ceiling hole at the pre-measured location using a hole saw or speed router to size.



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STEP 2 - Make Electrical Connection

- Using a #1 Phillips screwdriver, remove cover.
- Pull the pre-installed conduit and supply wires through the hole.
- Using a UL listed conduit connector secure connector to the knock-out plate, passing supply wires through connector.
- Connect supply wires using approved wire nuts to the luminaire using the wiring diagrams shown.
- Reattach cover.



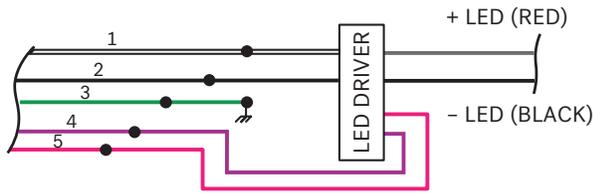
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STEP 2 - Wiring Diagrams

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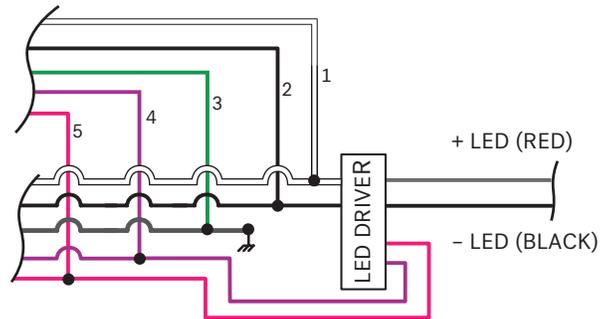
TRI-DIMMING

For Single-Block Connection



- 1/ NEUTRAL (WHITE)
- 2/ LINE (HOT) - (BLACK)
- 3/ GROUND (GREEN)
- 4/ + DIM (PURPLE)
- 5/- DIM (PINK)

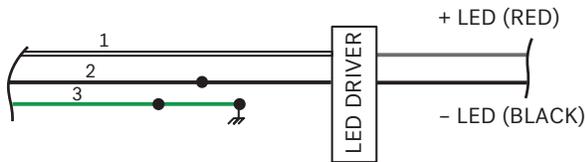
For Pass-Through Connection



- 1/ NEUTRAL (WHITE)
- 2/ LINE (HOT) - (BLACK)
- 3/ GROUND (GREEN)
- 4/ + DIM (PURPLE)
- 5/- DIM (PINK)

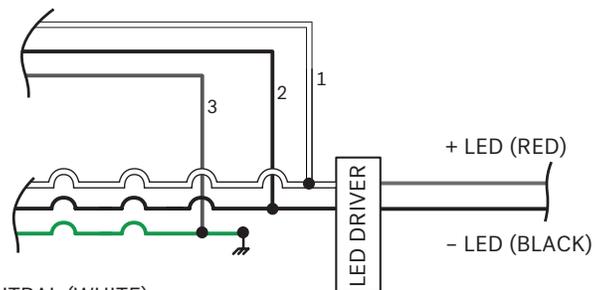
PHASE DIMMING ONLY

For Single-Block Connection



- 1/ NEUTRAL (WHITE)
- 2/ LINE (HOT) - (BLACK)
- 3/ GROUND (GREEN)

For Pass-Through Connection

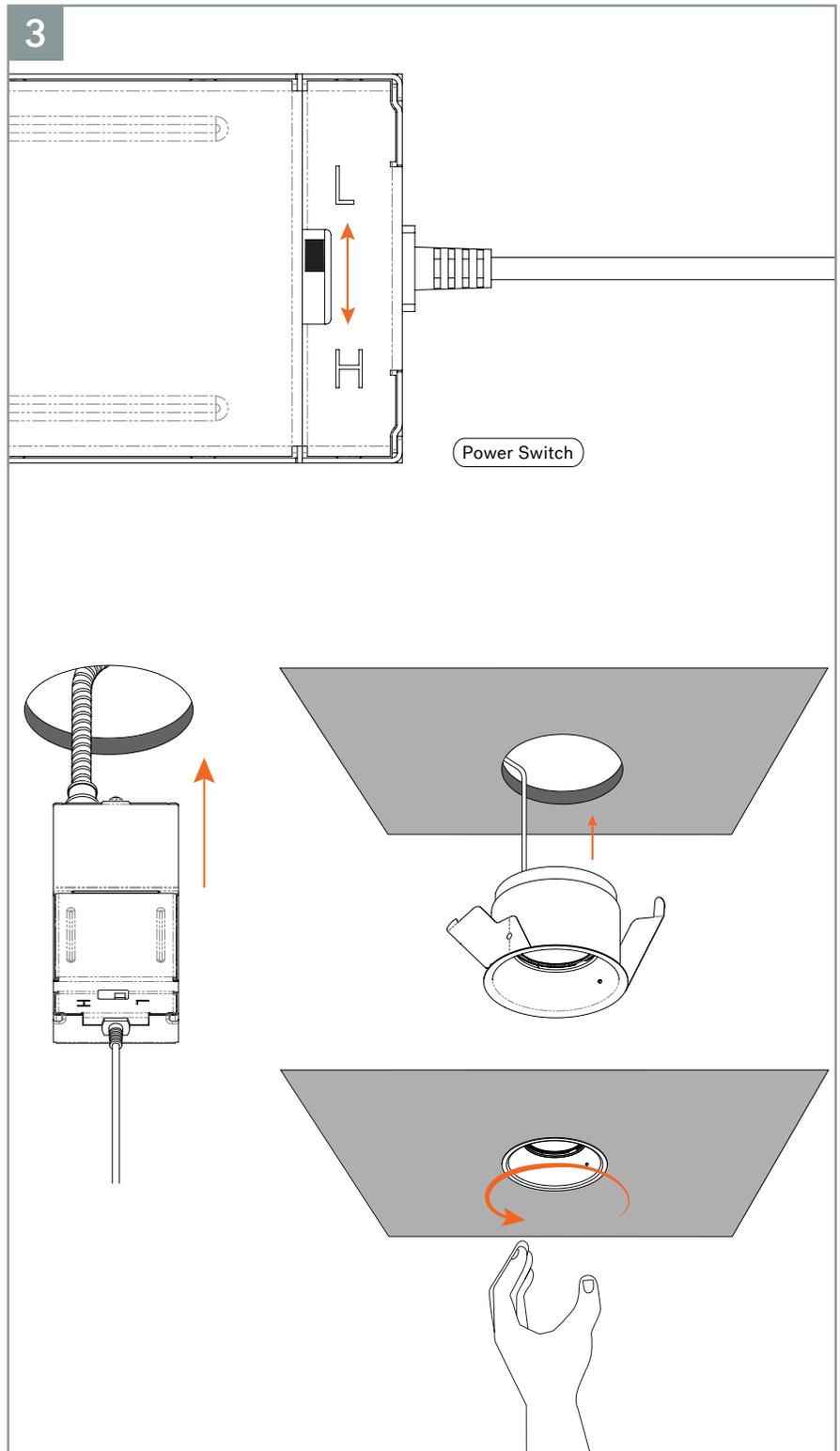


- 1/ NEUTRAL (WHITE)
- 2/ LINE (HOT) - (BLACK)
- 3/ GROUND (GREEN)

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STEP 3 - Install Fixture in Ceiling

- Push the power supply housing through the ceiling hole. If using a power selectable driver switch driver to desired "H" High-Power or "L" Low-Power setting.
- Compress the spring clips against the Light Engine body.
- Insert the unit into the ceiling hole until fully seated.
- Slightly turn counterclockwise to further lock to the ceiling. To remove, while pulling out the luminaire, rotate clockwise until fully removed.
- If painting the ceiling, detach the Light Engine before painting and reconnect after paint is dry.



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STEP 4 - SilentVu™ Optic and Media Installation or Replacement

Ships with 50° optic installed. If ordered, alternate optics and media will be included with the shipment and will need to be installed.

Removing Installed Optic

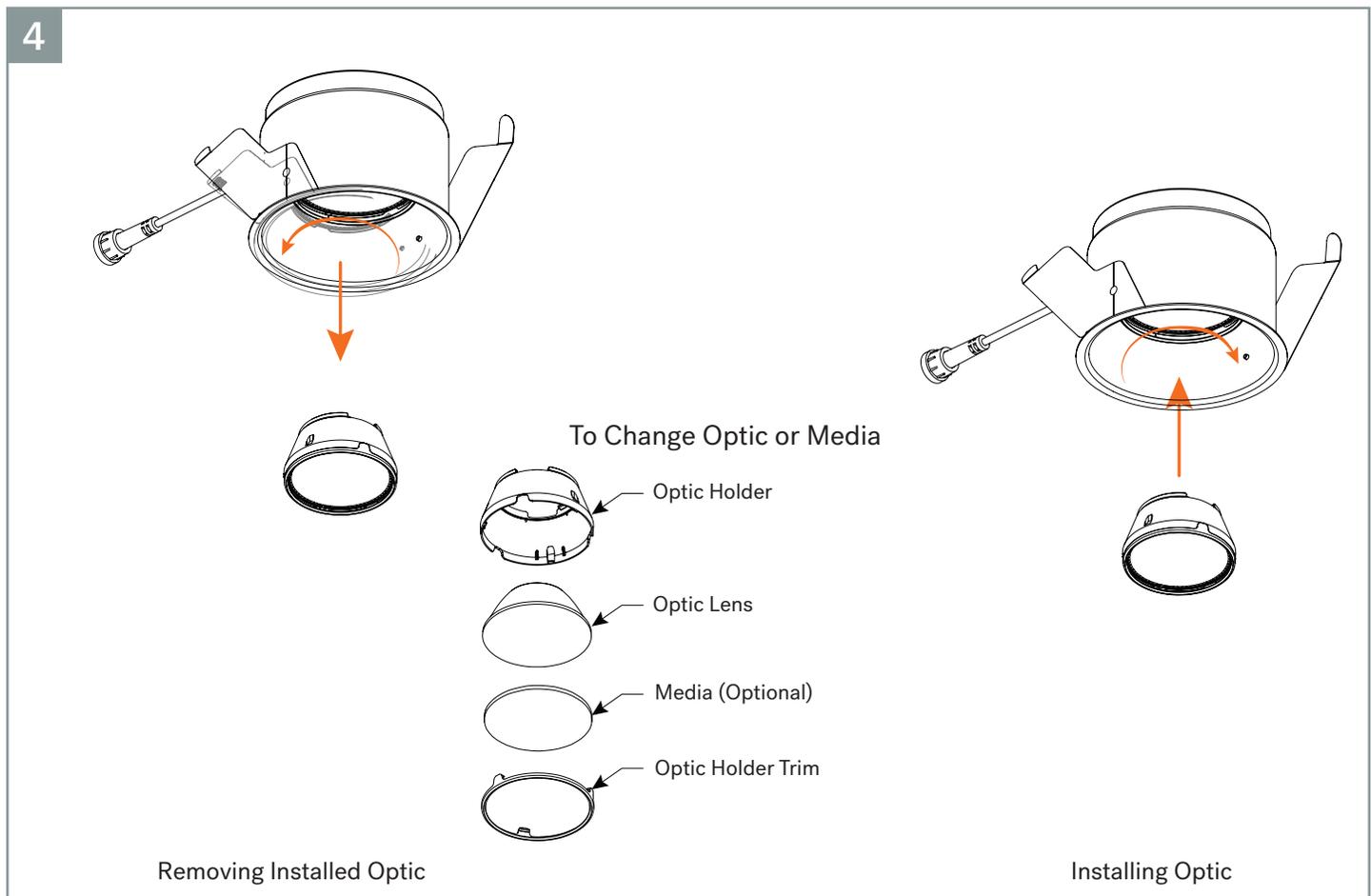
- With one hand, rotate the Optic counterclockwise and pull-out Optic from Light Engine.

Installing Optic

- Reattach Optic Holder if necessary.
- Aligning the tabs on the Optic to the slots on the Light Engine, push and rotate the Optic clockwise securing the Optic.

Adding Media

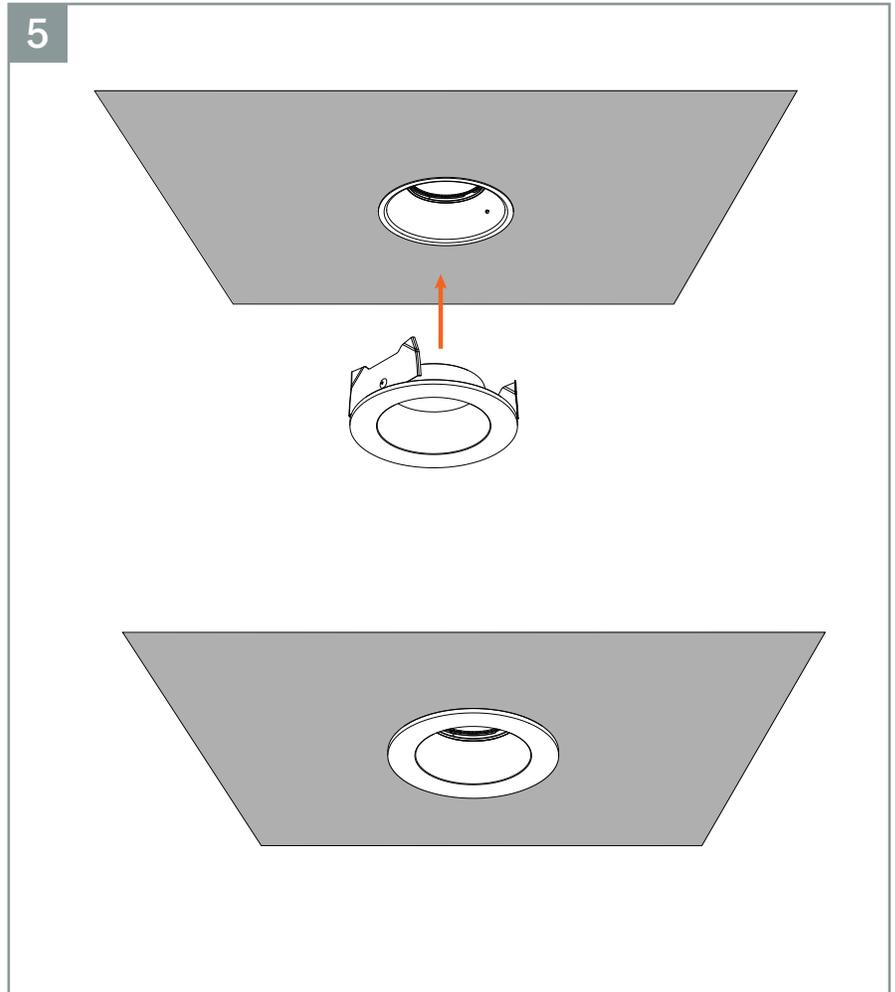
- Remove the Optic using the steps listed above.
- Place the desired Media within the Optic Holder Trim, then snap the Media Holder Trim to the Optic Holder.
- Holding the Optic Holder Trim re-attach Optic to Light Engine.



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STEP 5 - Trim Installation

- Compress the Spring Clips against the Trim body.
- Push Trim within Light Engine body until the makes contact to the ceiling.



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STEP 5 (Optional) - Trimless Installation

- Using the mud-ring for reference, mark hole positions in ceiling for toggle bolts (4). Using a 1/2" drill bit, drill through the ceiling on the pre-marked hole centers.
- Attach mud-ring to ceiling using 4 toggle bolts. Make sure there is adequate room for bolts to function with ceiling thickness clearing any obstruction.
- Using a #2 Phillips screwdriver fasten mud-ring to ceiling using the 4X screws provided.
- With drywall knife apply mud to mud-ring up to the rim of the mud-ring. Ensure no mud goes beyond the rim.
- With a block sander smooth out bumps or unevenness. Repeat until ceiling is smooth.
- Paint ceiling and after paint is fully dry remove excess mud or paint within mud-ring.
- Compress the Spring Clips against the Light Engine body.
- Insert the unit in the mud-ring hole until luminaire is fully seated.
- Slightly turn counterclockwise to further lock the luminaire to the mud-ring.
- To remove luminaire: while pulling the luminaire, rotate clockwise until the luminaire is fully removed.
- Compress the Spring Clips against the Trim body
- Push Trim within unit until it is fully seated within the mud-ring.

