DLC CYLINDER SERIES

Installation, Mounting and Optic Guide

Applicable products: DLC-3 cylinder module with DLC-3-FM flush mount, DLC-3-RP surface/pendant mount, DLC-3-W1 single wall mount, DLC-3-W2 dual wall mount, and DLC-3-BEAM-15 / 36 / 60 optics.

IMPORTANT SAFETY INFORMATION

Read all instructions before installation and retain this guide for future reference.

- Installation and servicing must be performed by a qualified electrician in accordance with the National Electrical Code and applicable local codes.
- Turn power OFF at the breaker before installing, wiring, adjusting, or servicing the fixture.
- Verify that the supply voltage and dimming system are compatible with the fixture.
- Support the fixture from an approved junction box and mounting structure.
- Make all connections with listed connectors suitable for the installation location.
- For damp or wet-location applications, seal the canopy or wall plate to the mounting surface with clear, neutral-cure silicone.

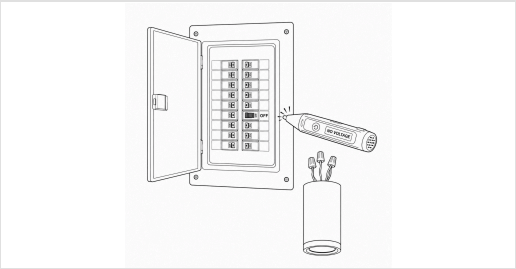
WIRING REFERENCE

Line	BLACK
Neutral	WHITE
Ground	GREEN OR BARE COPPER
0–10V Dim (+)	PURPLE
0–10V Dim (–)	PINK

Cap unused dimming leads separately. Never connect line voltage to the 0–10 V dimming leads.

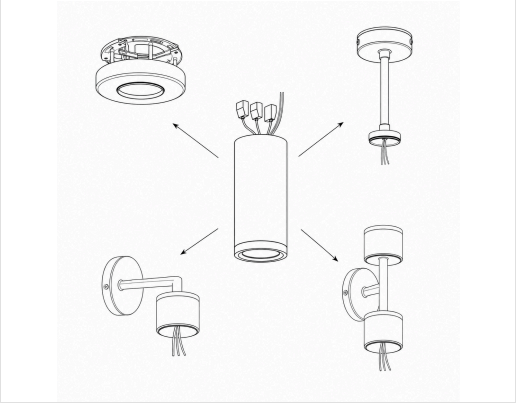
© DirectLED · DLC Cylinder Series Installation Guide · Revision 2026.08

SECTION 1 — PREPARE THE CYLINDER



01 **Disconnect power.** Turn power OFF at the breaker and verify that the circuit is de-energized.

02 **Set the color temperature.** Locate the CCT selector inside the top of the cylinder and select 2700K, 3000K, 3500K, 4000K, or 5000K before attaching the mounting kit.

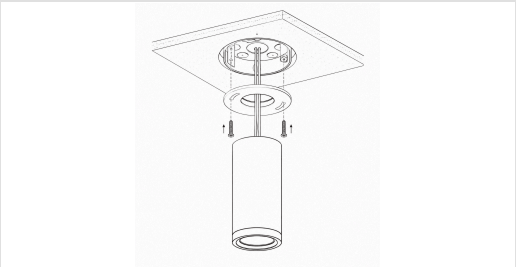


03 **Select the mounting configuration.** Confirm the required mounting kit: DLC-3-FM flush mount, DLC-3-RP surface or pendant mount, DLC-3-W1 single wall mount, or DLC-3-W2 dual wall mount. Continue with the corresponding section below.

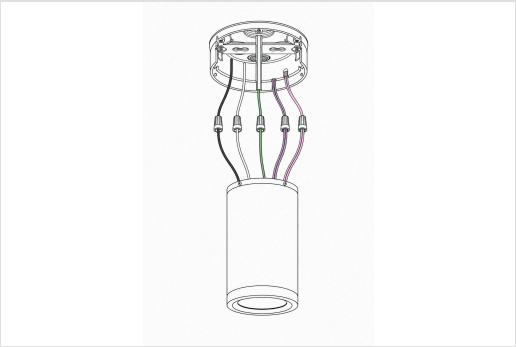
CHOOSE YOUR MOUNTING METHOD

FM	RP	RP	W1	W2
FLUSH MOUNT	SURFACE MOUNT	PENDANT MOUNT	SINGLE WALL MOUNT	DUAL WALL MOUNT
Steps 04–08	Steps 09–13	Steps 14–20	Steps 21–25	Steps 26–29

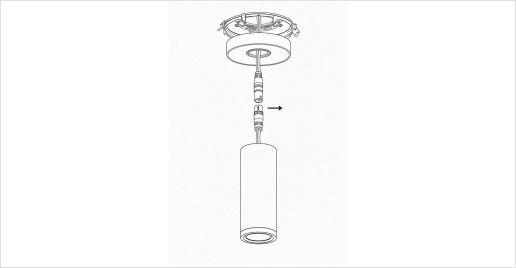
SECTION 2 — DLC-3-FM FLUSH MOUNT



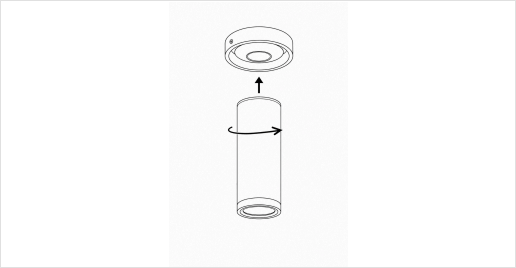
04 **Install the mounting plate.** Fasten the supplied mounting plate to the ceiling junction box with the appropriate screws.



05 **Connect the supply wiring.** Connect black to line, white to neutral, and green or bare copper to ground. Connect purple and pink 0–10 V leads when required; otherwise cap them separately.



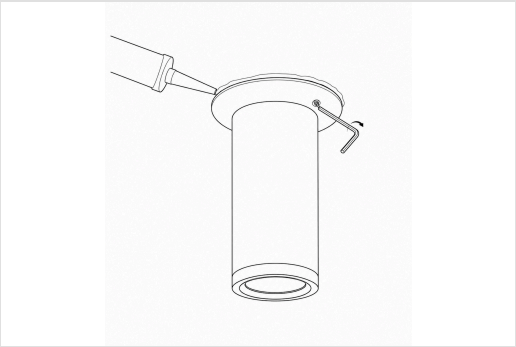
06 **Connect the cylinder.** Join the cylinder quick connector to the flush-mount connector and carefully tuck the wiring into the junction box.



07 **Attach the cylinder.** Align the cylinder with the flush-mount adapter, push it fully into position, and rotate clockwise until it locks.

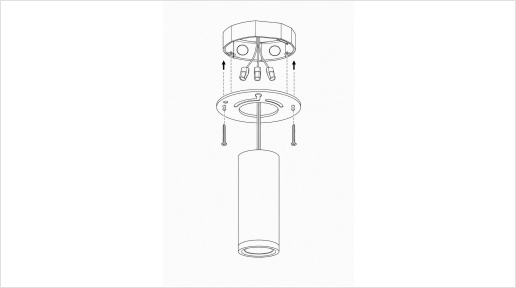
© DirectLED · DLC Cylinder Series Installation Guide · Revision 2026.08

SECTION 2 — DLC-3-FM FLUSH MOUNT (CONTINUED)

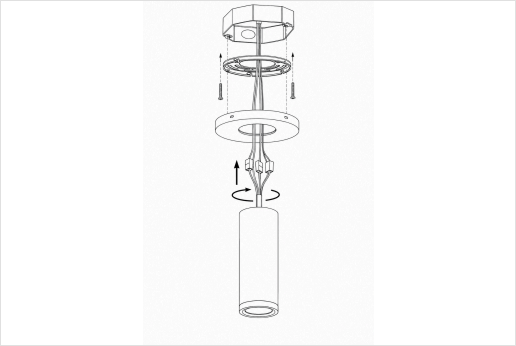


08 **Secure and seal.** Seat the canopy against the ceiling, tighten the locking hardware, and apply a continuous bead of clear neutral-cure silicone around the perimeter when required by the location rating.

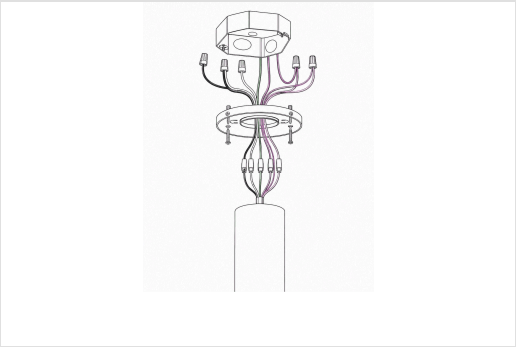
SECTION 3 — DLC-3-RP SURFACE MOUNT



09 **Install the mounting plate.** Fasten the supplied mounting plate to the ceiling junction box. Leave the locking points accessible for the canopy.



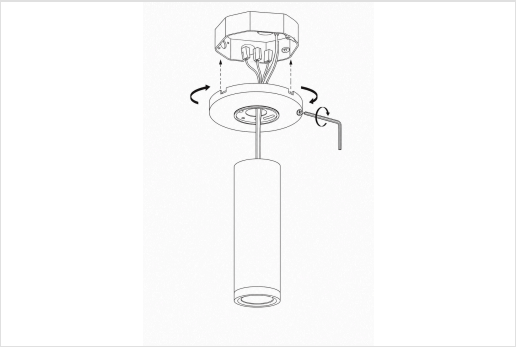
10 **Assemble the cylinder and adapter.** Pass the cylinder connector through the center of the surface-mount cover. Align the cylinder with the adapter and rotate clockwise until locked.



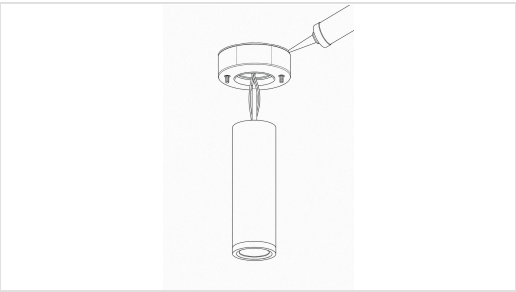
11 **Connect the wiring.** Connect black to line, white to neutral, and green or bare copper to ground. Connect purple and pink 0–10 V leads when required; otherwise cap them separately.

© DirectLED · DLC Cylinder Series Installation Guide · Revision 2026.08

SECTION 3 — DLC-3-RP SURFACE MOUNT (CONTINUED)

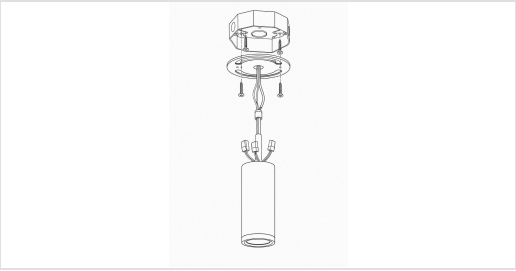


12 **Mount the canopy.** Tuck the wiring into the junction box, raise the canopy to the mounting plate, engage the bracket slots, rotate clockwise, and tighten the locking screw.



13 **Seal the canopy.** For damp or wet-location applications, apply a continuous bead of clear neutral-cure silicone around the canopy where it meets the ceiling.

SECTION 4 — DLC-3-RP PENDANT MOUNT



14 **Install the mounting plate.** Fasten the supplied mounting plate to the ceiling junction box.

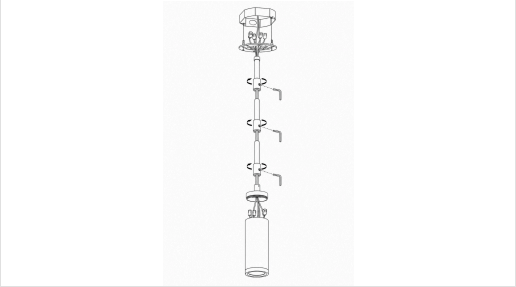
15 **Prepare the stem assembly.** Select the required stem length. Feed the fixture cable through the cylinder adapter, stem sections, swivel, and canopy before threading the parts together.

© DirectLED · DLC Cylinder Series Installation Guide · Revision 2026.08

SECTION 4 — DLC-3-RP PENDANT MOUNT (CONTINUED)

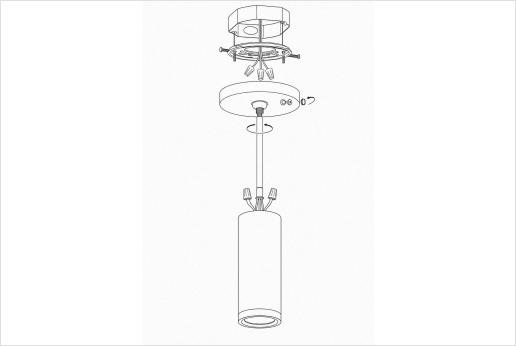
16

Attach the cylinder. Connect the cylinder quick connector to the pendant adapter. Align the cylinder with the adapter and rotate clockwise until locked.



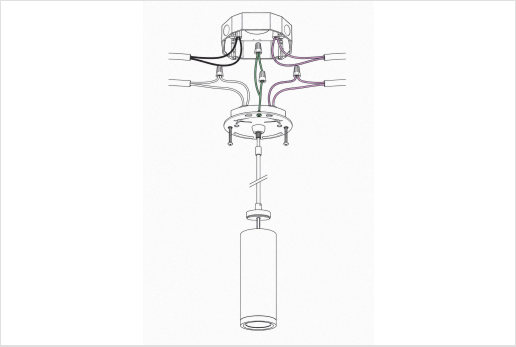
17

Assemble and secure the stems. Thread the stem sections together completely. Tighten each coupling and all set screws so the assembly cannot loosen.



18

Attach the stem to the canopy. Thread the completed stem assembly into the canopy swivel and tighten the swivel locking hardware. Straighten and secure the cable without pinching it.



19

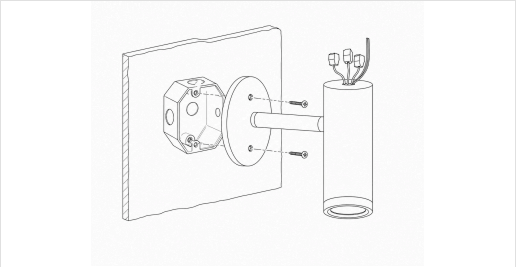
Connect the supply wiring. Connect black to line, white to neutral, and green or bare copper to ground. Connect purple and pink 0–10 V leads when required; otherwise cap them separately.

© DirectLED · DLC Cylinder Series Installation Guide · Revision 2026.08

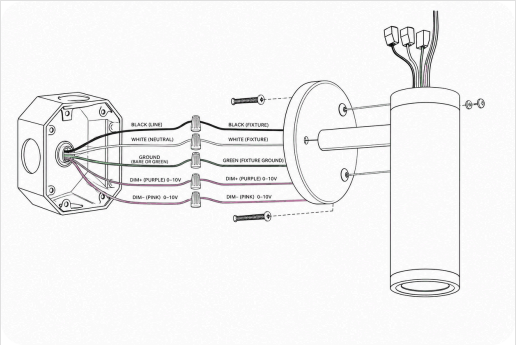
SECTION 4 — DLC-3-RP PENDANT MOUNT (CONTINUED)

20 **Mount the canopy.** Tuck the wiring into the junction box, raise the canopy to the mounting plate, engage the bracket slots, rotate clockwise, and tighten the locking screw.

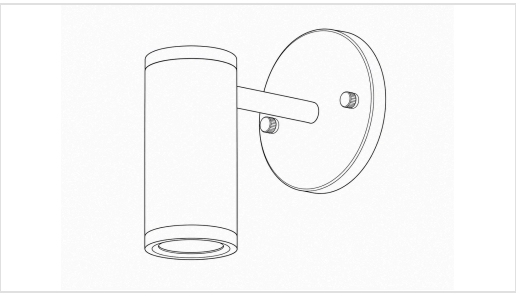
SECTION 5 — DLC-3-W1 SINGLE WALL MOUNT



21 **Install the wall mounting plate.** Fasten the supplied mounting plate to the wall junction box. Orient the plate so the arm will be level.



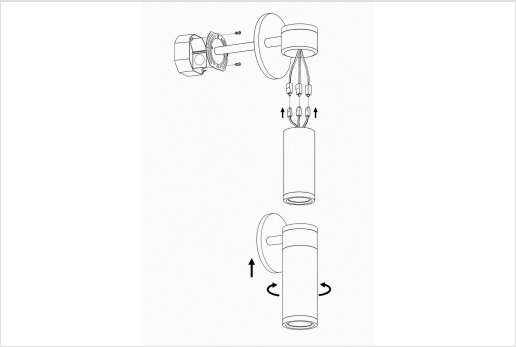
22 **Connect the wall-mount wiring.** Connect black to line, white to neutral, and green or bare copper to ground. Connect purple and pink 0–10 V leads when required; otherwise cap them separately.



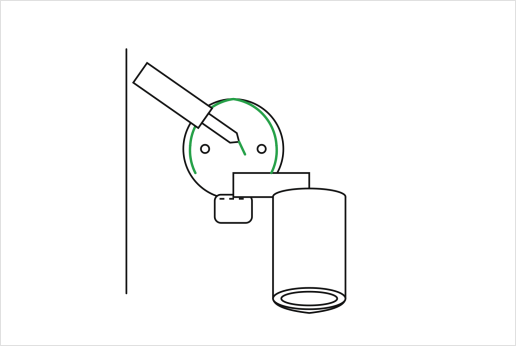
23 **Secure the wall plate.** Tuck the wiring into the junction box, place the wall plate over the mounting plate, and tighten the decorative cap nuts evenly.

© DirectLED · DLC Cylinder Series Installation Guide · Revision 2026.08

SECTION 5 — DLC-3-W1 SINGLE WALL MOUNT (CONTINUED)

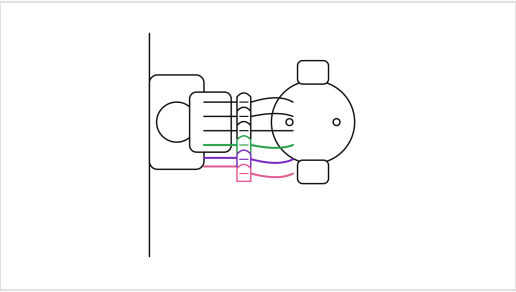


24 **Connect and install the cylinder.** Join the cylinder quick connector to the wall-mount connector. Align the cylinder with the downward-facing hub and rotate clockwise until locked.

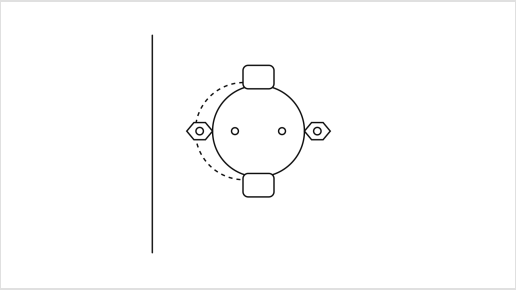


25 **Seal the wall plate.** Apply clear neutral-cure silicone along the top and sides of the wall plate where it meets the wall. Leave the bottom unsealed for drainage unless local requirements state otherwise.

SECTION 6 — DLC-3-W2 DUAL WALL MOUNT



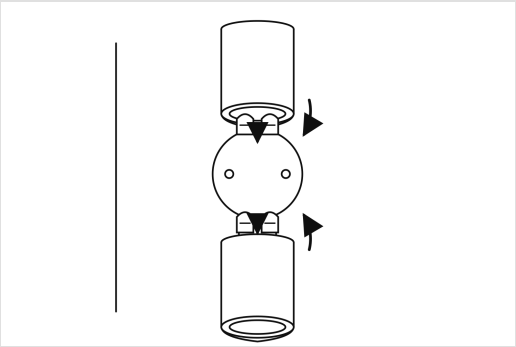
26 **Install and wire the wall plate.** Fasten the mounting plate to the wall junction box and complete the line, neutral, ground, and optional 0–10 V connections as described above.



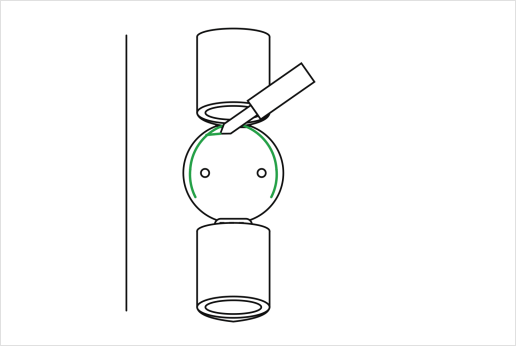
27 **Secure the dual wall mount.** Tuck the wiring into the junction box, place the wall plate over the mounting plate, and tighten the decorative cap nuts evenly.

© DirectLED · DLC Cylinder Series Installation Guide · Revision 2026.08

SECTION 6 — DLC-3-W2 DUAL WALL MOUNT (CONTINUED)



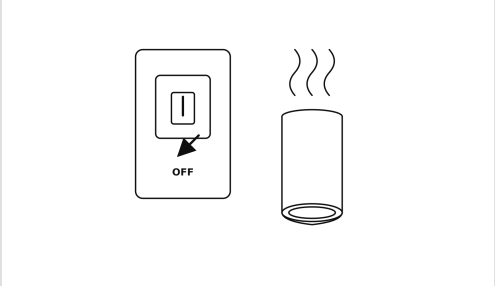
28 **Install both cylinders.** Connect each cylinder to its corresponding quick connector. Install one cylinder on the upward-facing hub and one on the downward-facing hub; rotate each clockwise until locked.



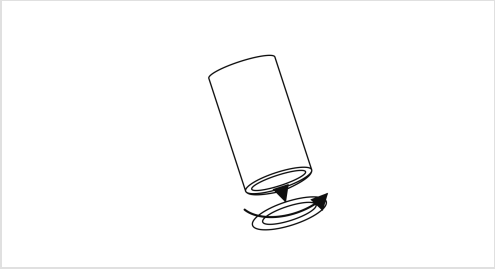
29 **Seal the wall plate.** Apply clear neutral-cure silicone along the top and sides of the wall plate. Leave the bottom unsealed for drainage unless local requirements state otherwise.

SECTION 7 — CHANGE THE BEAM OPTIC POWER OFF & COOL

Compatible optics: DLC-3-BEAM-15, DLC-3-BEAM-36, and DLC-3-BEAM-60.

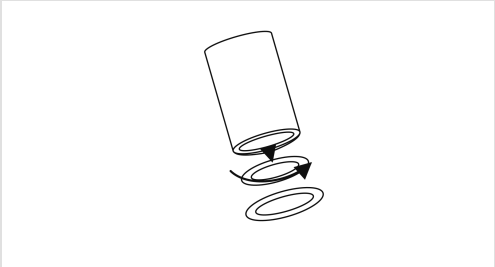


30 **Turn power off and allow the fixture to cool.** Disconnect power at the breaker and allow the cylinder and optic to cool before handling.

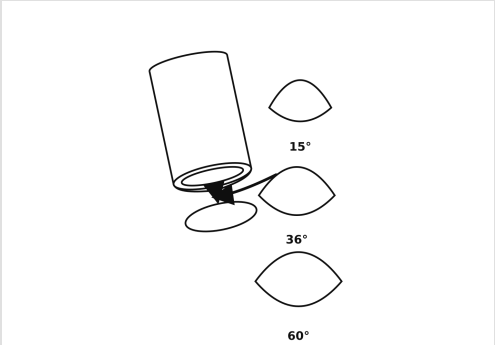


31 **Remove the front ring.** Support the cylinder and rotate the front trim ring counterclockwise to remove it.

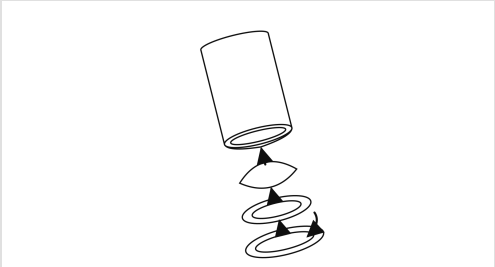
SECTION 7 — CHANGE THE BEAM OPTIC (CONTINUED) POWER OFF & COOL



32 **Remove the reflector collar.** Rotate the internal reflector collar counterclockwise and carefully remove it.

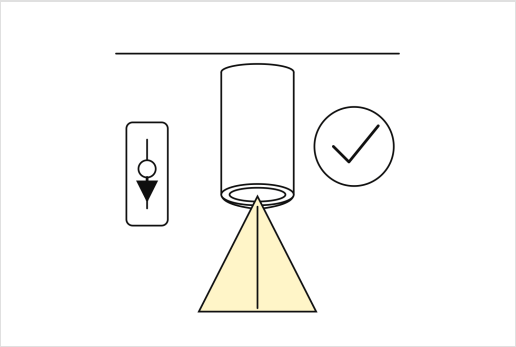


33 **Replace the optic.** Remove the existing optic and install the required 15-degree, 36-degree, or 60-degree optic in the same orientation. Seat it flat and centered.



34 **Reassemble the cylinder.** Reinstall the reflector collar, followed by the front ring. Tighten both securely by hand without cross-threading.

SECTION 8 — FINAL CHECK



35

Inspect and test. Confirm that all hardware is tight, wiring is enclosed, cylinders are locked, seals are continuous, and the selected CCT is correct. Restore power and verify operation and dimming.

ACCESSORY REFERENCE

SKU	DESCRIPTION
DLC-3-FM	Flush-mount kit
DLC-3-RP	Surface / pendant-mount kit
DLC-3-W1	Single wall-mount kit
DLC-3-W2	Dual wall-mount kit
DLC-3-BEAM-15	15-degree beam optic
DLC-3-BEAM-36	36-degree beam optic
DLC-3-BEAM-60	60-degree beam optic

© DirectLED · DLC Cylinder Series Installation Guide · Revision 2026.08