

# Trimless Recessed Lighting

## INSTALLATION INSTRUCTIONS AND WARRANTY INFORMATION

**IMPORTANT** Read all instructions before installing the plate. Retain for future reference.

**SAFETY:** Turn the power off at main fuse/breaker panel before attempting any electrical work. This Luminaire must be wired in accordance with local electrical codes and ordinances. Grounding connections should be done in the detachable junction box.

**WARNING:** Make sure the power is OFF from the electrical panel before starting installation or attempting any maintenance.

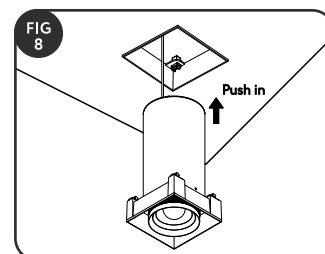
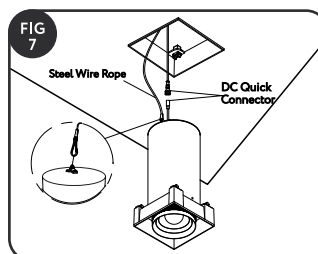
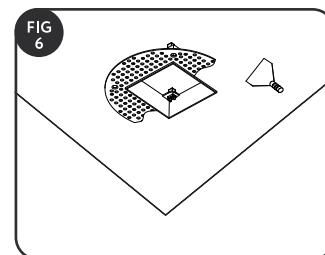
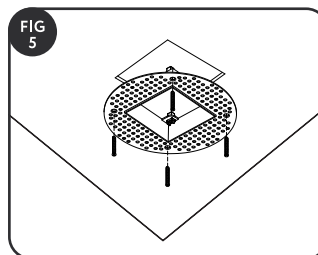
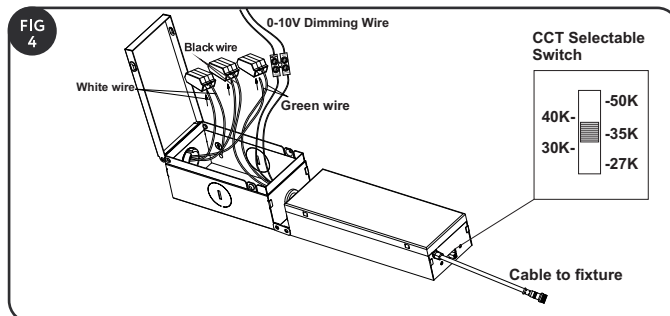
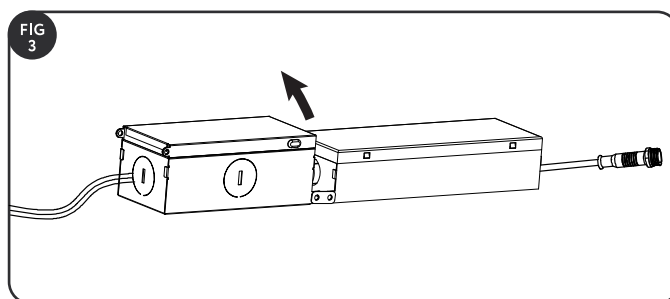
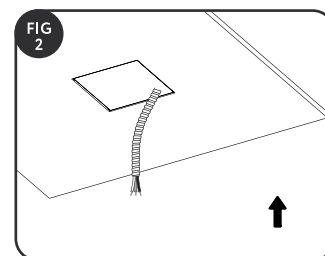
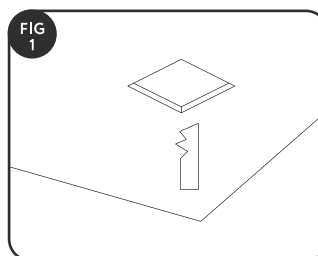
### INSTALLATION INSTRUCTIONS:

1. Measure distance from walls and mark position of fixture to be installed on ceiling.
2. Carefully scribe hole template, in accordance to cut hole size on desired location.
3. Carefully cut a hole in the ceiling (Fig. 1).
4. Follow steps 1 through 4 under "electrical connections".
5. Connect driver enclosure to engine by connector.
6. Pass the driver enclosure and attached bx cable through the hole and place it on a straight surface inside the ceiling cavity.

### ELECTRICAL CONNECTIONS:

1. Provide electrical service according to your local electrical code for a suitable junction box. Supply wire insulation must be rated for at least 90°C (Fig. 2).
2. Remove the driver enclosure cover. Remove the appropriate knock-out(s) to accommodate the type of electrical service to be used (Fig. 3).
3. Insert electrical supply cable through knock-out in the driver enclosure and secure with cable connector. Wire enclosure using pre-installed push-in connectors. Do the wiring as per NEC (National Electric Code) standards. Connect green ground wire of cable to green wire on fixture. Connect white wire of the cable to white wire of the fixture. Connect black wire of cable to black wire of fixture (Fig. 4).
4. If using 0-10V dimming, connect matching purple and gray wires with the supplied block connector.
5. Place all wiring and connections back in the driver enclosure and replace the cover.

1. Follow steps 1 through 5 under "electrical connections".
2. Align the mesh adapter with the drywall hole and screw in place (Fig. 5). Ensure to pull the driver lead through the trimless adapter for engine install.
3. Plaster over the trimless mesh adapter, be careful not to fill past raised trim (Fig. 6).
4. Connect the driver enclosure to the engine with connector and twist the cap of the connector well (Fig. 7).
5. Hook the steel wire rope into the frame hole. Insert cable and engine into trimless mesh adapter opening.
6. Push the Fixture into the mesh in the right direction. After installing the fixture, please check if the fixture is well-fixed (Fig. 8). **NEW FEATURE, Easy removal:** Simply push the installed light fixture into the ceiling to disengage the locking mechanism, allowing for effortless removal.



#### Hole Cut Size / Taille Trou Découpé

G-32521/G-32531

Φ 5" (127mm) or 3.6" (91.5mm) x 3.6" (91.5mm)

## G-32521 & G-32531 Relevant Parameters

DRIVER	Model	G-32521/G-32531
	Input	120-277 V AV 50/60Hz
	Output	33-38V DC 270MA
	Lamp Life	50000 Hours
	Operating Temperture	-40°C to +40°C
	Dimming	Triac dimming (120V AC input only) 0-10V dimming (120-277V AC input)
	DC Wire Type	FT6 DC Wire
LIGHT	Energy used	12 W
	Luminous Flux	1000LM
	Equivalent to:	120W halogen
	CCT Options	27K-30K-35K-40K-50K
	Beam Angle	20-55 Degree
	CRI	Ra>90
	Approved Location	Wet
MOUNTING	Wire Space	10Cubic inch
	OD	Φ 7.28"(185mm)
	ID	3.35"(85mm)x3.35"(85mm)
	Height	6.57"(167mm)
	Cut Out	Φ 5"(127mm) or 3.6"(91.5mm)x3.6"(91.5mm)

Dimmer Compatibility List for LED Recessed Lights. Dimmable down to 10%				
Brand	Family	Model	Load (W)	12 W
LUTRON	Skylark Contour	LECL-153P	150W	1-12
		CTCL-150H	150W	1-12
		LGCL-153PLH	150W	1-12
		CTCL-153P	150W	1-12
		SCL-153P	150W	1-12
		S-600P	600W	1-16
	Caseta	PD-6WCL	600W	1-16
		PD-5NE	150W	1-12
		PD-10NXD	250W	1-16
	DIVA	DVCL-153P	150W	1-12
	Toggler	TGCL-153P	150W	1-12
	Ariadni	AYCL-153P	150W	1-12
	Maestro	MACL-153M	150W	1-12
LEVITON	Illuminatech	IPL06	150W	1-12
	SureSlide	6672	150W	1-12
EATON	Smart Dimmer	AAL06	300W	1-16