

Recessed Lighting

MULTIPLE RECESSED LED DOWNLIGHT INSTALLATION INSTRUCTIONS

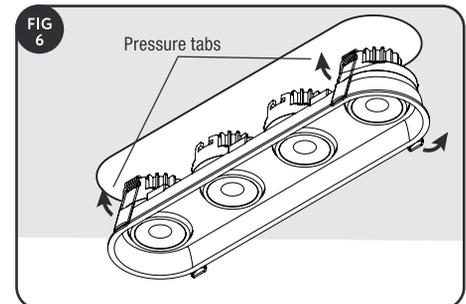
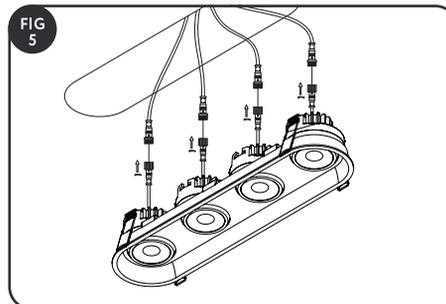
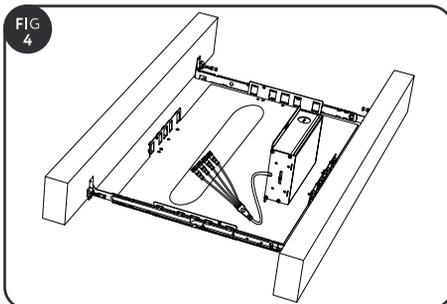
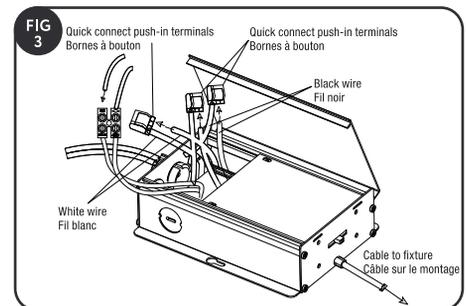
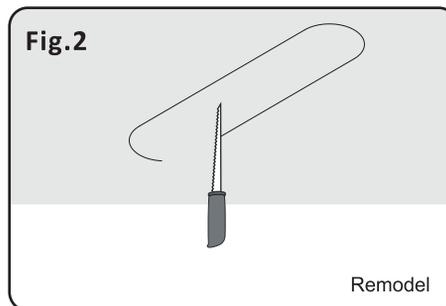
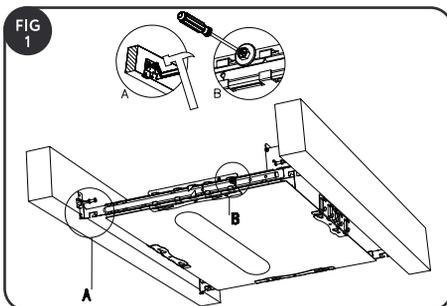
- ⓘ IMPORTANT** Read all instructions before installing plate. Retain for future reference.
- ⚠ SAFETY:** Turn the power at off main fuse/breaker panel before attempting any electrical work. This luminaire must be wired in accordance with local electrical codes and ordinances. Grounding connections should be done in the detachable junction box.
- ⚠ WARNING:** Make sure the power is OFF from the electrical panel before starting or installation attempting any maintenance.

Relevant Parameter:

	Model	G-23304/G-23314	G-23344/G-23354
	DRIVER	Input	120-277 V AV 50/60Hz
Output		33-38V DC 520MA	33-38V DC 1250MA
Lamp Life		50000 Hours	
Operating Temperature		-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	
Wire Space		14 Cubic inch	
LIGHT	Energy used	28 W	52 W
	Luminous Flux	2800 LM	4800 LM
	Equivalent to:	300W Halogen	500W Halogen
	CCT Options	2700K-3000K-3500K-4000K-5000K	
	Beam Angle	40 Degree	60 Degree
	CRI	Ra>90	
	Approved Location	Wet	
	MOUNTING	OD	12.68"X3.23"(322mmX82mm)
ID		12.28"X2.83"(312mmX72mm)	14.72"X3.5"(374mmX89mm)
Height		2.52"(64mm)	3.27"(83mm)
Cut Out		OVAL 12.44"X2.95" (316mmX75mm)	OVAL 15.04"X3.7" (382mmX94mm)

Dimmer Compatibility List for LED Recessed Lights. Dimmable down to 10%					
Brand	Family	Model	Load (W)	28W	52W
LUTRON	Skylark Contour	LECL-153P	150W	1-5	1-2
		CTCL-150H	150W	1-5	1-2
		LGCL-153PLH	150W	1-5	1-2
		CTCL-153P	150W	1-5	1-2
		SCL-153P	150W	1-5	1-2
		S-600P	600W	1-7	1-3
	Caseta	PD-6WCL	600W	1-7	1-3
		PD-5NE	150W	1-5	1-2
		PD-10NXD	250W	1-7	1-3
		DIVA	DVCL-153P	150W	1-5
Toggler		TGCL-153P	150W	1-5	1-2
Ariadni	AYCL-153P	150W	1-5	1-2	
Maestro	MACL-153M	150W	1-5	1-2	
LEVITON	Illuminatech	IPL06	150W	1-5	1-2
	SureSlide	6672	150W	1-5	1-2
EATON	Smart Dimmer	AAL06	600W	1-7	1-3

INSTALLATION FOR MULTIPLE RECESSED LED DOWNLIGHT



Hole Cut Size / Taille Trou Découpé	
G-23304/G-23314	OVAL 12.44"X2.95"(316mmX75mm)
G-23344/G-23354	OVAL 15.04"X3.7"(382mmX94mm)

INSTALLATION FOR MULTIPLE RECESSED LED DOWNLIGHT

1. Measure distance from walls and mark position of housing to be installed between joists.
2. Extend the hanger bars and level to lower edge of joists. Hammer pre-installed nails into all the joists (both sides)(FIG.1).
3. Carefully open a hole in accordance to the cut-hole dimensions with keyhole saw (refer to the provided cut hole size)(FIG.2).
4. 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.
5. Remove the junction box cover. Remove the appropriate knock-out(s) to accommodate the type of electrical service to be used.
6. Insert electrical supply cable through knock-out in the junction box. Wire junction box using supplied quick connect push-in terminals. Connect green ground wire of cable to green wire on junction box. Connect white wire of cable to white wire of junction box. Connect black wire of cable to black wire of junction box. Make certain there are no exposed strands of wire and place all wiring and connections back in junction box and replace the cover. (FIG.3).
7. If using 0-10V dimmer, please connect the 0-10V dimmer with the driver. Connecting the purple wire to purple wire Connecting the grey (pink) wire to grey(pink)wire
8. Firmly secure the junction box to the mounting plate(FIG.4).
9. Connect the fixture to the junction box by inserting and twisting the DC male/female connectors(FIG.5).
10. Push the pressure tabs upward towards the LED fixture. Push the fixture through the hole until the trim is flush with the ceiling. Pressure tabs will retract to hole in place(FIG.6).
11. Once assembly is complete, turn on power to confirm the fixture is working properly.

Triac DIMMING (120V only): We recommended LED/CFL dimmers that have a low range adjustment dial. After all fixtures are connected to the dimmer, adjust the dial to the lowest position before the lights start to flicker or shut down. This setting depends on the local voltage and number of fixtures per dimmer. For a typical LED dimmer rated for 150W LED load the maximum number of fixtures per dimmer.

0-10V DIMMING (120-277V AC): The dimming control wires are Grey/Pink wire (dim-) and Purple wire (dim+). Please connect the 0-10V dimmer and the driver purple wire to purple wire and Grey/Pink wire to Grey/Pink wire with the supplied block.

WARNING: DO NOT USE ANY OTHER DRIVERS EXCEPT THE DRIVERS THAT ARE INCLUDED WITH THE FIXTURE. DO NOT CONNECT MULTIPLE FIXTURES TO ONE DRIVER. DO NOT OPEN THE LIGHT FIXTURE OR THE SIDE PLATES OF THE DRIVER - NO SERVICEABLE PARTS INSIDE.

MANUFACTURER'S LIMITED WARRANTY

Your Product, when delivered to you in new condition and in original packaging, is warranted against defects in materials and workmanship as follows for a period of 3 years from the date of the original purchase. Defective products returned and proven to be defective upon inspection will be repaired, replaced with a new Product or a credit will be issued against original invoice at the discretion of manufacturer.

To avoid any doubt, "the replacement Product" does not include any removal or installation costs or expenses, including without limitation labor costs or expenses, shipping costs to return defective products or any damages that may occur during the return of product. This limited warranty is subject to the following additional conditions:

1. Products must have been installed and operated in accordance with manufacturer's instructions.
2. Products have not been subjected to accident, neglect, abuse, misuse, lightning, electrical surges or acts of God.
3. The Product has been purchased directly from an authorized distributor.
4. Purchase receipt or invoice is available for inspection.
5. This warranty is limited to Products purchased for use in regions that are within jurisdiction of Canada and USA.

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

THE FOREGOING WARRANTY IS EXCLUSIVE, AND THE SOLE REMEDY FOR ANY AND ALL CLAIMS. IN NO EVENT WILL THE MANUFACTURER BE LIABLE FOR ANY SPECIAL, COMPENSATORY, INDIRECT, PUNITIVE, OR INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING, WITHOUT LIMITATION, DAMAGES RESULTING FROM LOSS OF USE, PROFITS, BUSINESS OR GOODWILL, WHETHER OR NOT THE MANUFACTURER HAS BEEN ADVISED OF THE POSSIBILITY THEREOF.