

# 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.

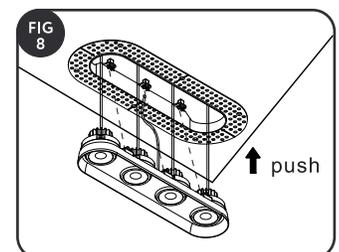
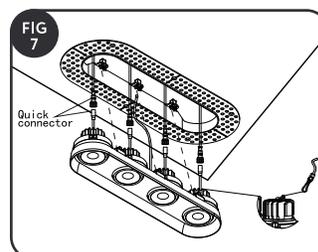
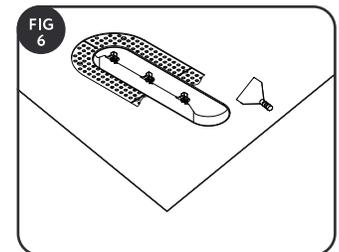
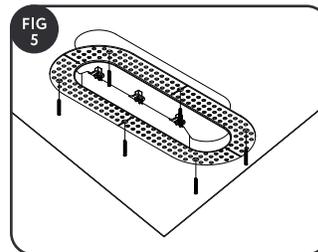
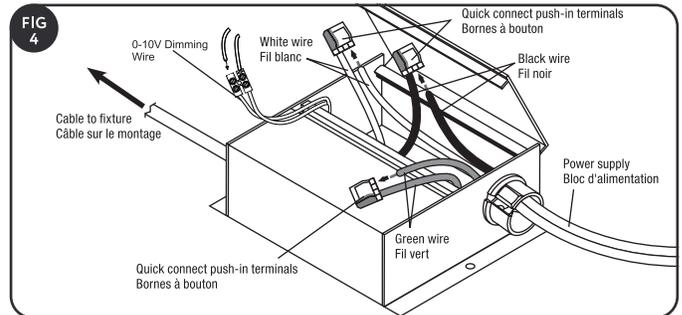
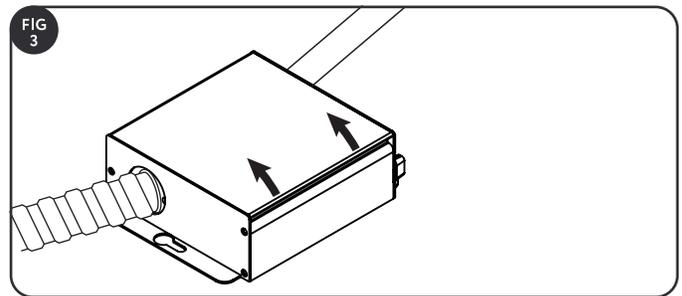
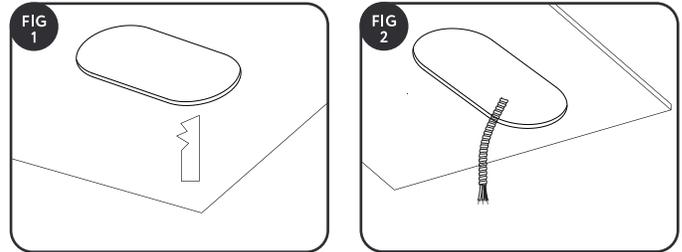
### INSTALLATION INSTRUCTIONS:

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 (Fig5). 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 (Fig6).
4. Connect the driver enclosure to the engine with connector and twist the cap of the connector well (Fig7).
5. 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 (Fig8) **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-23324/G-23334                     | <b>OVAL</b> 12.68" X 3.23" (322mm X 82mm) |
| G-23364/G-23374                     | <b>OVAL</b> 15.04" X 3.86" (382mm X 98mm) |

## G-23324 & G-23334 Relevant Parameters

|                       | Model             | G-23324                                                                 | G-23334              |
|-----------------------|-------------------|-------------------------------------------------------------------------|----------------------|
|                       | <b>DRIVER</b>     | Input                                                                   | 120-277 V AC 50/60Hz |
| Output                |                   | 33-38V DC 520MA                                                         |                      |
| Lamp Life             |                   | 50000 Hours                                                             |                      |
| Operating Temperature |                   | -40°C to +40°C                                                          |                      |
| Dimming               |                   | Triac dimming (120V AC input only)<br>0-10V dimming (120-277V AC input) |                      |
| DC Wire Type          |                   | FT6 DC Wire                                                             |                      |
| <b>LIGHT</b>          |                   | Energy used                                                             | 28 W                 |
|                       | Luminous Flux     | 2800LM                                                                  |                      |
|                       | Equivalent to:    | 300W halogen                                                            |                      |
|                       | CCT Options       | 27K-30K-35K-40K-50K                                                     |                      |
|                       | Beam Angle        | 40 Degree                                                               |                      |
|                       | CRI               | Ra>90                                                                   |                      |
|                       | Approved Location | Wet                                                                     |                      |
|                       | <b>MOUNTING</b>   | Wire Space                                                              | 14 Cubic inch        |
| OD                    |                   | 15.51"X6.06"(394mmX154mm)                                               |                      |
| ID                    |                   | 12.4"X3.07"(315mmX78mm)                                                 |                      |
| Height                |                   | 2.52"(64mm)                                                             |                      |
| Cut Out               |                   | OVAL 12.68"X3.23"(322mmX82mm)                                           |                      |

| Dimmer Compatibility List<br>for LED Recessed Lights. Dimmable down to 10% |                 |             |           |                   |
|----------------------------------------------------------------------------|-----------------|-------------|-----------|-------------------|
| Brand                                                                      | Family          | Model       | Load (W)  | G-23324 & G-23334 |
| <b>LUTRON</b>                                                              | Skylark Contour | LECL-153P   | 150W      | 1-5               |
|                                                                            |                 | CTCL-150H   | 150W      | 1-5               |
|                                                                            |                 | LGCL-153PLH | 150W      | 1-5               |
|                                                                            |                 | CTCL-153P   | 150W      | 1-5               |
|                                                                            |                 | SCL-153P    | 150W      | 1-5               |
|                                                                            |                 | S-600P      | 600W      | 1-7               |
|                                                                            | Caseta          | PD-6WCL     | 600W      | 1-7               |
|                                                                            |                 | PD-5NE      | 150W      | 1-5               |
|                                                                            |                 | PD-10NXD    | 250W      | 1-7               |
|                                                                            |                 | DIVA        | DVCL-153P | 150W              |
| Toggler                                                                    |                 | TGCL-153P   | 150W      | 1-5               |
|                                                                            | Ariadni         | AYCL-153P   | 150W      | 1-5               |
|                                                                            | Maestro         | MACL-153M   | 150W      | 1-5               |
| <b>LEVITON</b>                                                             | Illuminatech    | IPL06       | 150W      | 1-5               |
|                                                                            | SureSlide       | 6672        | 150W      | 1-5               |
| <b>EATON</b>                                                               | Smart Dimmer    | AAL06       | 300W      | 1-7               |

## G-23364 & G-23374 Relevant Parameters

|                       | Model             | G-23364                                                                 | G-23374              |
|-----------------------|-------------------|-------------------------------------------------------------------------|----------------------|
|                       | <b>DRIVER</b>     | Input                                                                   | 120-277 V AC 50/60Hz |
| Output                |                   | 33-38V DC 1250MA                                                        |                      |
| Lamp Life             |                   | 50000 Hours                                                             |                      |
| Operating Temperature |                   | -40°C to +40°C                                                          |                      |
| Dimming               |                   | Triac dimming (120V AC input only)<br>0-10V dimming (120-277V AC input) |                      |
| DC Wire Type          |                   | FT6 DC Wire                                                             |                      |
| <b>LIGHT</b>          |                   | Energy used                                                             | 52 W                 |
|                       | Luminous Flux     | 4800LM                                                                  |                      |
|                       | Equivalent to:    | 500W halogen                                                            |                      |
|                       | CCT Options       | 27K-30K-35K-40K-50K                                                     |                      |
|                       | Beam Angle        | 60 Degree                                                               |                      |
|                       | CRI               | Ra>90                                                                   |                      |
|                       | Approved Location | Wet                                                                     |                      |
|                       | <b>MOUNTING</b>   | Wire Space                                                              | 14 Cubic inch        |
| OD                    |                   | 17.91"X6.69"(455mmX170mm)                                               |                      |
| ID                    |                   | 14.72"X3.5"(374mmX89mm)                                                 |                      |
| Height                |                   | 3.27"(83mm)                                                             |                      |
| Cut Out               |                   | OVAL 15.04"X3.86"(382mmX98mm)                                           |                      |

| Dimmer Compatibility List<br>for LED Recessed Lights. Dimmable down to 10% |                 |             |           |                   |
|----------------------------------------------------------------------------|-----------------|-------------|-----------|-------------------|
| Brand                                                                      | Family          | Model       | Load (W)  | G-23364 & G-23374 |
| <b>LUTRON</b>                                                              | Skylark Contour | LECL-153P   | 150W      | 1-2               |
|                                                                            |                 | CTCL-150H   | 150W      | 1-2               |
|                                                                            |                 | LGCL-153PLH | 150W      | 1-2               |
|                                                                            |                 | CTCL-153P   | 150W      | 1-2               |
|                                                                            |                 | SCL-153P    | 150W      | 1-2               |
|                                                                            |                 | S-600P      | 600W      | 1-3               |
|                                                                            | Caseta          | PD-6WCL     | 600W      | 1-3               |
|                                                                            |                 | PD-5NE      | 150W      | 1-2               |
|                                                                            |                 | PD-10NXD    | 250W      | 1-3               |
|                                                                            |                 | DIVA        | DVCL-153P | 150W              |
| Toggler                                                                    |                 | TGCL-153P   | 150W      | 1-2               |
|                                                                            | Ariadni         | AYCL-153P   | 150W      | 1-2               |
|                                                                            | Maestro         | MACL-153M   | 150W      | 1-2               |
| <b>LEVITON</b>                                                             | Illuminatech    | IPL06       | 150W      | 1-2               |
|                                                                            | SureSlide       | 6672        | 150W      | 1-2               |
| <b>EATON</b>                                                               | Smart Dimmer    | AAL06       | 300W      | 1-3               |