

# DIPPER 2" SIX HEAD MULTIPLE

## INSTALLATION INSTRUCTIONS

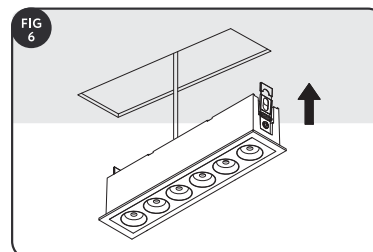
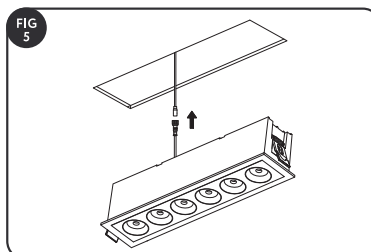
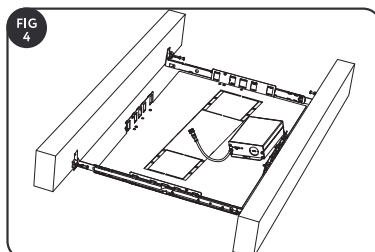
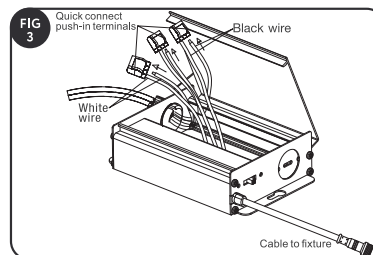
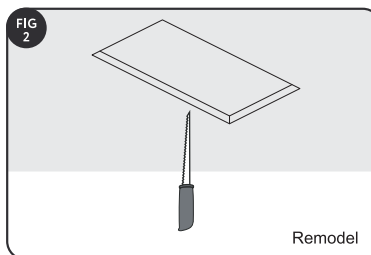
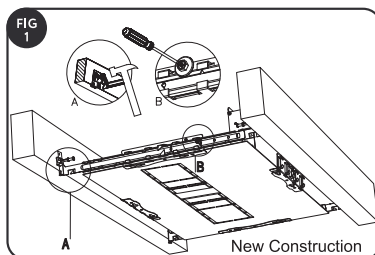
- 1 IMPORTANT** Read all instructions before installing plate. Retain for future reference.
- 2 SAFETY:** Turn the power at off main fuse/breaker panel before attempting any electrical work. This luminaire must be wired in accordance with local electrical codes and ordinances. Grounding connections should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

|          |                       |                            |
|----------|-----------------------|----------------------------|
| DRIVER   | Model                 | G-21176 & G-21196          |
|          | Input                 | 120V AC 60Hz               |
|          | Output                | 30V DC 420mA CC            |
|          | Lamp Life             | 50,000 Hours               |
|          | Operating Temperature | -40°C to +40°C             |
|          | Dimming               | Triac Dimming              |
|          | DC Wire Type          | FT6 DC Wire                |
|          | Wire Space            | 10.4 Cubic inch            |
| LIGHT    | Energy used           | 18 W                       |
|          | Luminous Flux         | 1200 LM                    |
|          | Equivalent to:        | 120W halogen               |
|          | CCT Options           | 27K-30K-35K-40K-50K        |
|          | Beam Angle            | 40 Degree                  |
|          | CRI                   | Ra>90                      |
|          | Approved Location     | Damp                       |
| MOUNTING | OD                    | 9.72"(247mm) x 2.08"(53mm) |
|          | ID                    | 1.18"(30mm)                |
|          | Height                | 1.93"(49mm)                |
|          | Cut Out               | 9.45"(240mm) x 1.73"(44mm) |

| Dimmer Compatibility List<br>for LED Recessed Lights. Dimmable down to 10% |                 |             |          |                 |
|----------------------------------------------------------------------------|-----------------|-------------|----------|-----------------|
| Brand                                                                      | Family          | Model       | Load (W) | G-21176/G-21196 |
| LUTRON                                                                     | Skylark Contour | LECL-153P   | 150W     | 1-8             |
|                                                                            |                 | CTCL-150H   | 150W     | 1-8             |
|                                                                            |                 | LGCL-153PLH | 150W     | 1-8             |
|                                                                            |                 | CTCL-153P   | 150W     | 1-8             |
|                                                                            |                 | SCL-153P    | 150W     | 1-8             |
|                                                                            |                 | S-600P      | 600W     | 1-11            |
|                                                                            | Caseta          | PD-6WCL     | 600W     | 1-11            |
|                                                                            |                 | PD-5NE      | 150W     | 1-8             |
|                                                                            |                 | PD-10NXD    | 250W     | 1-11            |
|                                                                            | DIVA            | DVCL-153P   | 150W     | 1-8             |
|                                                                            | Toggler         | TGCL-153P   | 150W     | 1-8             |
| LEVITON                                                                    | Illumatech      | IPL06       | 150W     | 1-8             |
|                                                                            | SureSlide       | 6672        | 150W     | 1-8             |
| EATON                                                                      | Smart Dimmer    | AAL06       | 300W     | 1-11            |

## Installation

1. Nail-in the mounting plate to the ceiling joist. Measure the position of the opening on the mounting plate from each wall. (Fig.1)
2. Install the drywall on to the ceiling.
3. Open a hole where the mounting plate opening located according to the cutout template dimensions. (Fig.2)
4. Pull the supply wire through the cut-out hole. Do the electrical supply connection in the detachable junction box. (Note: A licensed electrician must do the connections as per the local electrical code). (Fig.3)  
Insert the junction box into the ceiling. (Fig.4)
5. Do the connection to the luminaire and close the quick connect box. (Fig.5)
6. **New construction applications:** Hardwire box shall be firmly secured to studs, joists or similar fixed structural units
7. **Remodel applications:** Do not require the hardwire box to be firmly secured after the mounting plates, studs, joists, or structural units that have been concealed. Snap off the hardwire box tabs then insert into ceiling FIG 4
8. Push the spring clips upwards and push the luminaire into the cut hole of the ceiling. Release the spring clips and align the luminaire to sit properly over the ceiling cut hole. (Fig.6)
9. Switch on the supply breaker and turn on the luminaire.



Hole size  
9.45"(240mm) x 1.73"(44mm)

**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.

**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.