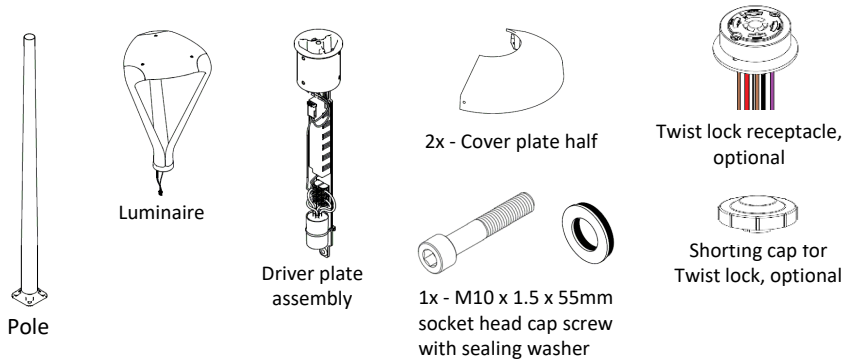


Included components



Tools Required

- Safety glasses
- Wrenches, 1-1/4" , 13mm
- Screwdrivers, Phillips and straight blade
- Wiring tools and connectors
- Proper personnel, crane or lift for hoisting unit onto anchors
- Level
- Dimming control, if required
- Hex keys, 8mm with 10-12" extension, 5mm
- Twist lock photo eye control, if required

Landscape Forms is not responsible for site preparation and footings. Refer to the installation guide for the FGP light anchor kit for installing the anchor bolts.

CAUTION! This unit is heavy. To avoid injury or damage to the finish, we recommend using a crane or lift for hoisting the unit onto the anchors.

WARNING! Pole mounted luminaires must be attached either before or *immediately* after pole installation. Failure to do so may cause vibration damage to the pole and will void the pole warranty.

ASSEMBLE WITH CARE! Pangard II® Polyester Powdercoat is a strong, long-lasting finish. To protect this finish during assembly, place unwrapped powdercoated parts on packaging foam or other non-marring surface. Do not place or slide powdercoated parts on concrete or other hard or textured surface – this will damage the finish causing rust to occur. Use touch-up paint on any gouges in the finish caused by assembly tools.

WARNING!: LED cartridge and driver are not rated for connection or disconnection while energized. Doing so may damage LEDs and will void the warranty. Disconnect incoming power before making or breaking any electrical connections.

INSTALLATION PROCEDURE FOR LIGHT POLE:

1. Lift the light pole into position over the installed anchors (refer to FGP area light anchor kit installation guide) as shown in Fig. 1. Ensure that the base plate is resting on all four washers.
2. Install washers and hex nut as shown in Fig. 2.
3. Plumb and level the pole and tighten all anchors.
4. Connect line-in wires to driver plate assembly. Pass wires through strain relief. See Fig. 3. Refer to wiring diagrams on page 3.
5. Ensure that the wire harness connectors are pulled through the top of the driver plate assembly through the front cavity. This is to connect the luminaire wiring.
6. Gently insert the driver plate assembly into the top of the pole. Ensure the front of driver plate assembly is in the correct orientation. See Fig. 3 and 4.
7. Apply downward pressure to compress the gasket. Tighten the six hex bolts equally using a 13mm wrench until snug. Ensure that once tightened, the driver plate assembly rests in the center of the pole.
8. Connect luminaire wiring to driver plate assembly, see Fig. 5.
9. Gently push wires down inside of driver plate assembly. Set Luminaire on top of driver plate assembly, ensuring that the luminaire mount plate is seated properly on the top of the driver plate assembly. Use an 8mm hex key to install M10 x 55mm socket head cap screw and sealing washer to secure luminaire to top of pole.
10. If twist lock receptacle is specified, remove shorting cap and install photo-eye control (not included), see Fig.6.
11. Install the cover plate as shown in Fig. 7 and 8. Use a 5mm hex key to tighten internal socket head cap screws to secure the two halves together.

INSTALLATION PROCEDURE FOR OPTIONAL PHOTO EYE:

Refer to wiring diagram for wiring details.

1. Remove the twist lock cap from the top of the light.
 2. Loosen the two phillips head screws two turns.
- IMPORTANT! Do not remove the screws.** Loosen just enough to rotate the receptacle.
3. Rotate the receptacle until the arrow points north. Tighten the screws.
 4. Install the photo eye (not supplied with unit) rated for proper line voltage (277v, 1.5A).

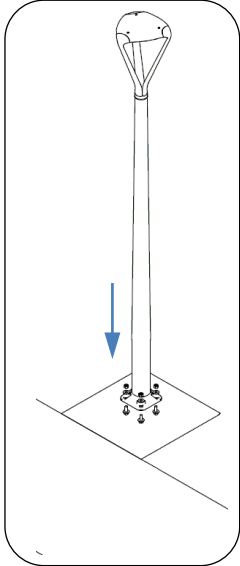


Fig. 1 – Pole orientation

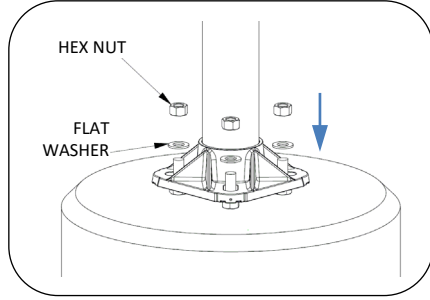


Fig. 2 – Install pole

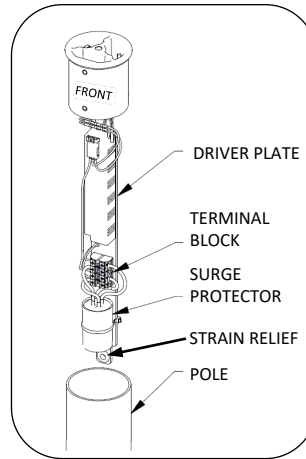


Fig. 3 – Install driver plate

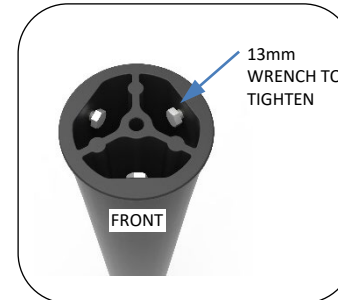


Fig. 4 – Secure driver plate

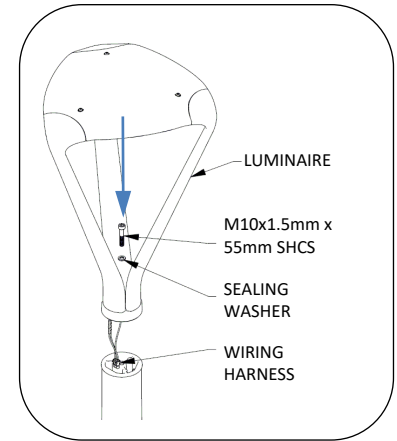


Fig. 5 – Install luminaire

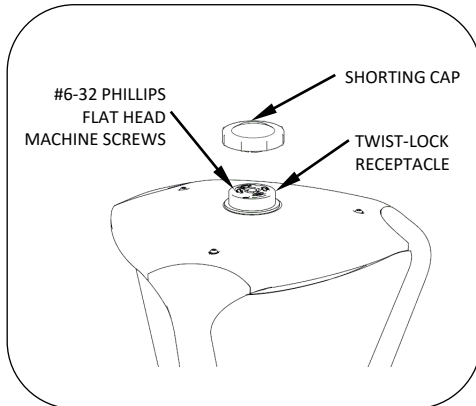


Fig. 6 – Optional twist lock receptacle

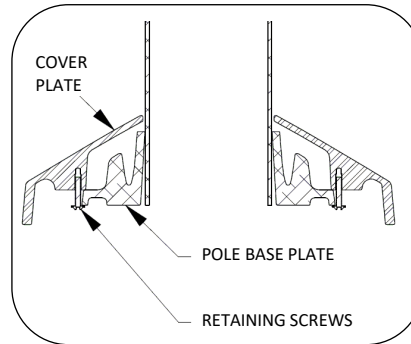


Fig. 7 – cover plate section

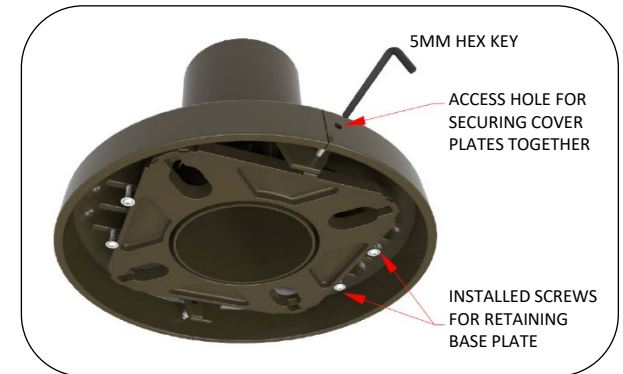


Fig. 8 – Install cover plates

PROCEDURE FOR WIRING FGP:

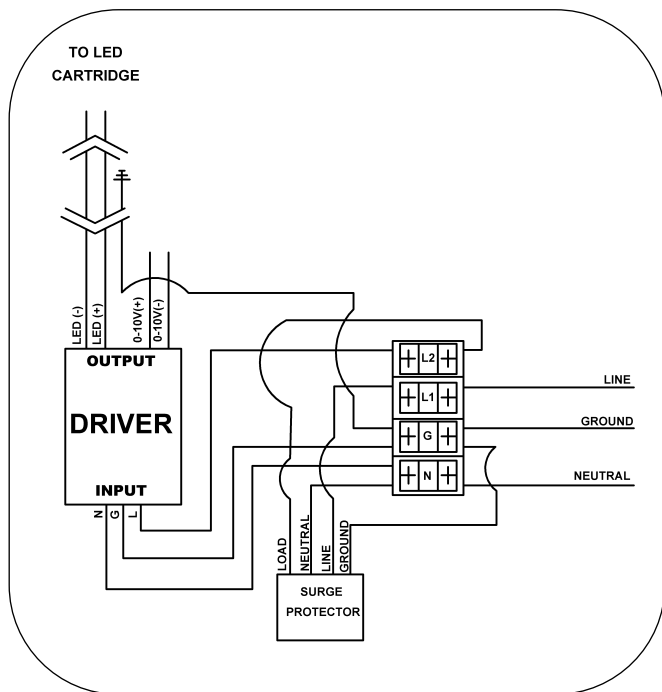
The FGP luminaire is assembled at the factory. The light cartridge is mounted into the head of the luminaire and will not need to be removed during installation. The LED cartridge needs to be connected to the driver plate assembly on site. Use of LED drivers other than the supplied unit is not recommended and will void the warranty.

The wiring schematics are to be used to connect the unit to line voltage. It is the responsibility of the installer to make sure that all connections are made in accordance with the NEC and local building codes. Connection hardware not included.

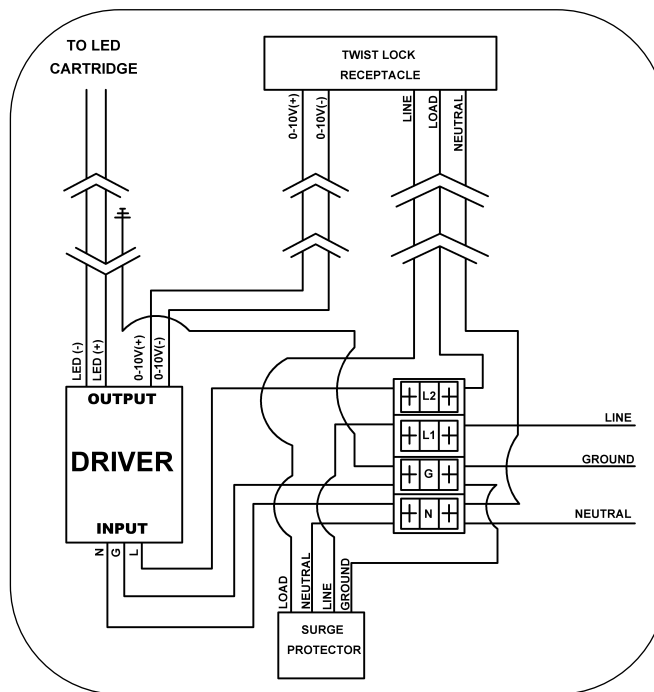
Line-in wires should be connected to the terminal block as shown. Optional dimming control is not included.

WARNING!: LED cartridge and driver are not rated for connection or disconnection while energized. Doing so may damage LEDs and will void the warranty. Disconnect incoming power before making or breaking any electrical connections.

Note: Type 3 drivers do not include a ground wire.



WIRING DIAGRAM: No twist lock, With ground



WIRING DIAGRAM: With twist lock, with ground