

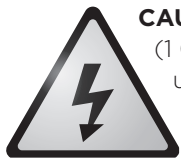
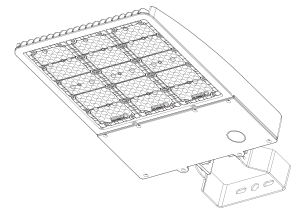
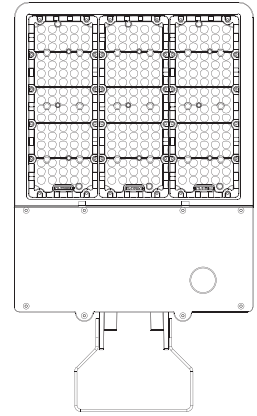
MODELS:

FLX100, FLX150, FLX230, FLX300, FLX400

ELECTRICAL RATINGS:

Item	Model	Input Voltage	Power Factor	Watt	Input Current	Weight
A	FLX100XKY-UNV-ZZ	100-277VAC	>0.9	100W	1.50A	5.9Kg
B	FLX100XKY-UN4-ZZ	277-480VAC	>0.9	100W	0.55A	5.9Kg
C	FLX150XKY-UNV-ZZ	100-277VAC	>0.9	150W	1.80A	6.3Kg
D	FLX150XKY-UN4-ZZ	277-480VAC	>0.9	150W	0.88A	6.3Kg
E	FLX230XKY-UNV-ZZ	100-277VAC	>0.9	230W	2.50A	10.1Kg
F	FLX230XKY-UN4-ZZ	277-480VAC	>0.9	230W	1.40A	10.1Kg
G	FLX300XKY-UNV-ZZ	100-277VAC	>0.9	300W	3.50A	10.1Kg
H	FLX300XKY-UN4-ZZ	277-480VAC	>0.9	300W	1.80A	10.1Kg
I	FLX400XKY-UNV-ZZ	100-277VAC	>0.9	400W	5.0A	12.7Kg
J	FLX400XKY-UN4-ZZ	277-480VAC	>0.9	400W	2.80A	12.7Kg

"X" refers to CCT, "Y" refers to mounting options listed below, and "ZZ" refers to Finish Colour



CAUTION: This product uses a wide voltage range input driver (100-277VAC / 347-480VAC), but the working voltage can be limited using a photocell depending on the photo cell's operating voltage. Please ensure that a voltage compatible photocell is used (if required) during installation.

INTRODUCTIONS

This LED Flood light uses the latest in solid state lighting technology for long life, low maintenance, and high efficiency. As with traditional HID lighting, there are multiple installation methods, suitable for various occasions. An internal power-factor-corrected switching mode power supply allows it to be used with any nominal 120-277VAC or 277-480VAC 60Hz supply without any variation in light output. Suitable for use in the following locations:

- Ambient Temp: -40°C~+40°C
- Wet Locations

Note: Save these instructions for future reference.

WARNINGS

TO AVOID THE RISK OF FIRE, EXPLOSION, OR ELECTRIC SHOCK, THIS PRODUCT SHOULD BE INSTALLED, INSPECTED, AND MAINTAINED BY A QUALIFIED ELECTRICIAN ONLY, IN ACCORDANCE WITH ALL APPLICABLE ELECTRICAL CODES.

TO AVOID ELECTRIC SHOCK, BE CERTAIN ELECTRICAL POWER IS OFF BEFORE AND DURING INSTALLATION AND MAINTENANCE. LUMINAIRE MUST BE CONNECTED TO A WIRING SYSTEM WITH AN EQUIPMENT-GROUNDING CONDUCTOR.

TO AVOID EXPLOSION, MAKE SURE THE SUPPLY VOLTAGE IS THE SAME AS THE RATED LUMINAIRE VOLTAGE.

DO NOT INSTALL WHERE THE MARKED OPERATING TEMPERATURES EXCEED THE IGNITION TEMPERATURE OF THE HAZARDOUS ATMOSPHERE.

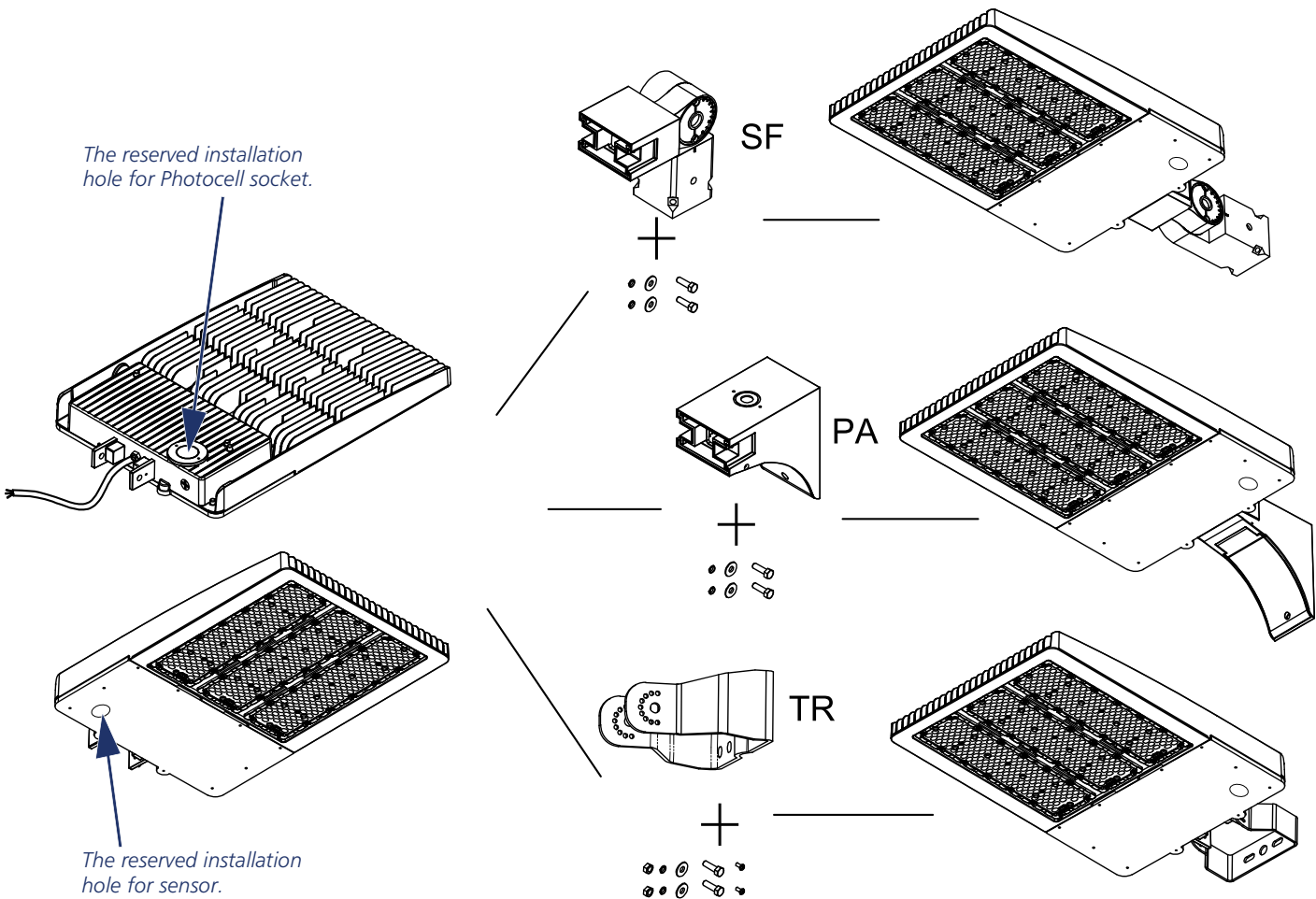
DO NOT OPERATE IN AMBIENT TEMPERATURES ABOVE THOSE INDICATED ON THE LUMINAIRE NAMEPLATE. KEEP LENS TIGHTLY CLOSED WHEN IN OPERATION.

FOR SUPPLY CONNECTIONS, USE WIRE RATED TO AT LEAST 90°C

INSTALLATION

MOUNTING TYPES

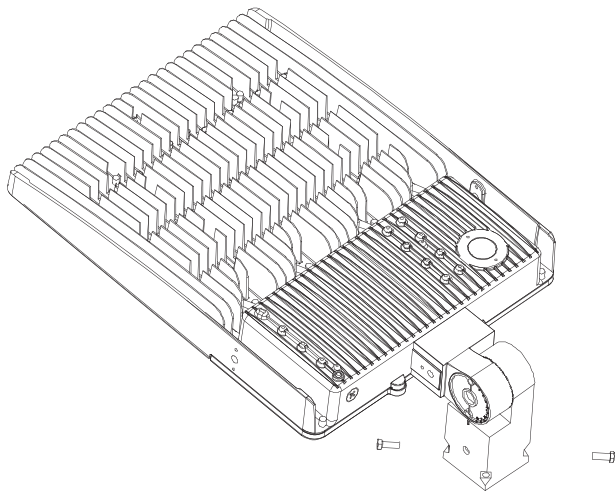
Trunnion (suffix T)	Slip Fitter (suffix S)	Pole Arm (Sold Separately)
		



INSTALLATION

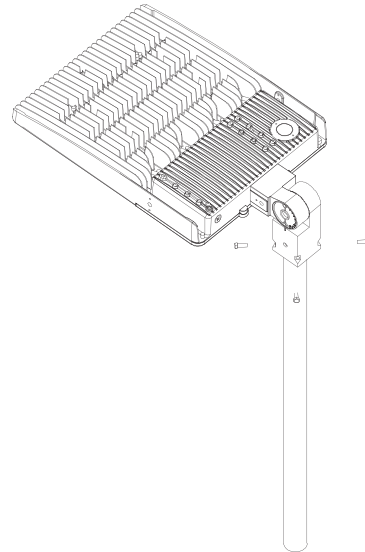
Slip Fitter Mounting

Step 1



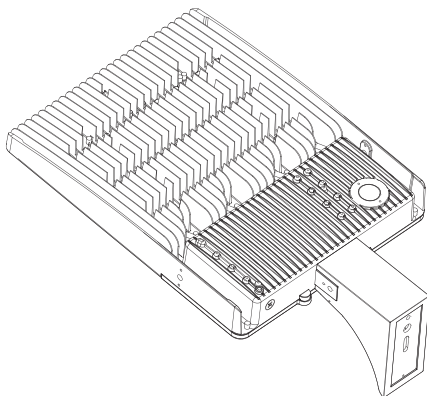
Adjust the fixture orientation by turning the bolt. Splice the branch circuit wires to the floodlight wires: black to black (hot), green to green (ground), and white to white (neutral).

Step 2



Push the splices inside the pole. Slide the slip fitter over the top of the pole and tighten the set screws to hold the floodlight in place. Please use a post of diameter 2.36" for mounting.

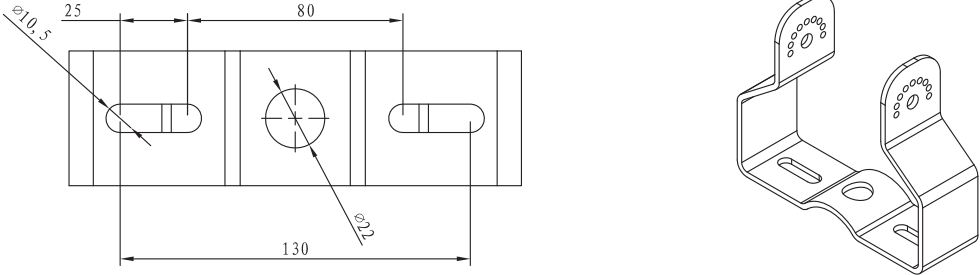
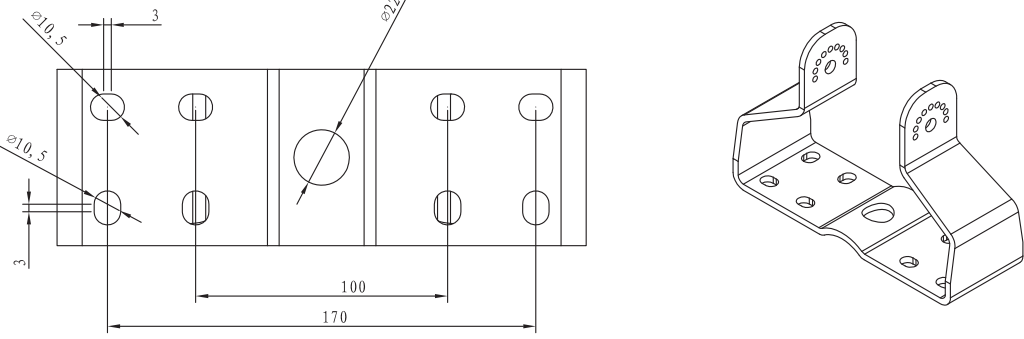
Pole Arm Mounting (*Pole Arm Sold Separately*)



Attach the mounting arm to the fixture with the bolts included. Ensure pole is drilled per the hole pattern, and then assemble the fixture to the pole.

INSTALLATION

Trunnion Mounting

<p>FLX100 FLX150</p>	
<p>FLX230 FLX300 FLX400</p>	

Drill holes in the mounting surface and bolt the trunnion in place. Attach the floodlight to the trunnion with the two bolts provided.

If using the provided watertight cord and strain relief:

- Route the cord into a nearby junction box and splice the wires to the branch circuit wires, black to black (hot), green to green (ground), and white to white (neutral).
- Ensure that the entry hole to the junction box is made watertight with a strain relief or other device.

If using electrical conduit:

- Open the fixture wiring compartment by loosening the two tamper-proof screws.
- Remove the watertight cord and bushing from the hole at the base of the fixture.
- Attach the conduit with a watertight conduit fitting and route the branch circuit wires inside the fixture wiring compartment.
- Splice the fixture wires to the branch circuit wires, black to black (hot), green to green (ground), and white to white (neutral).
- Close the wiring compartment by screwing down the two tamper-proof screws.

INSTALLATION

Wiring Diagram

Diagram 1: Normal Installation

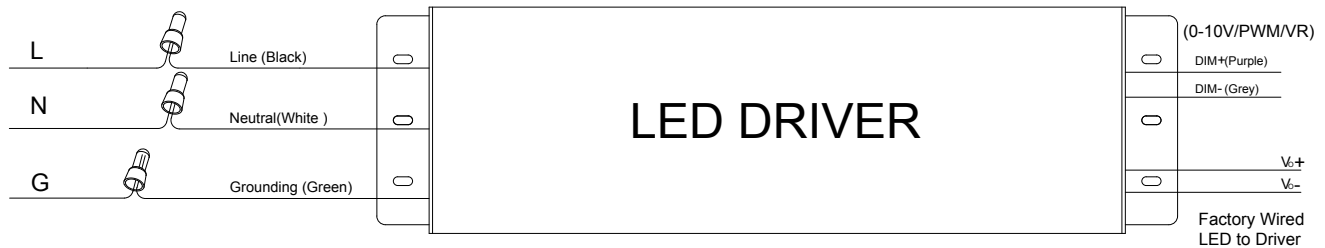
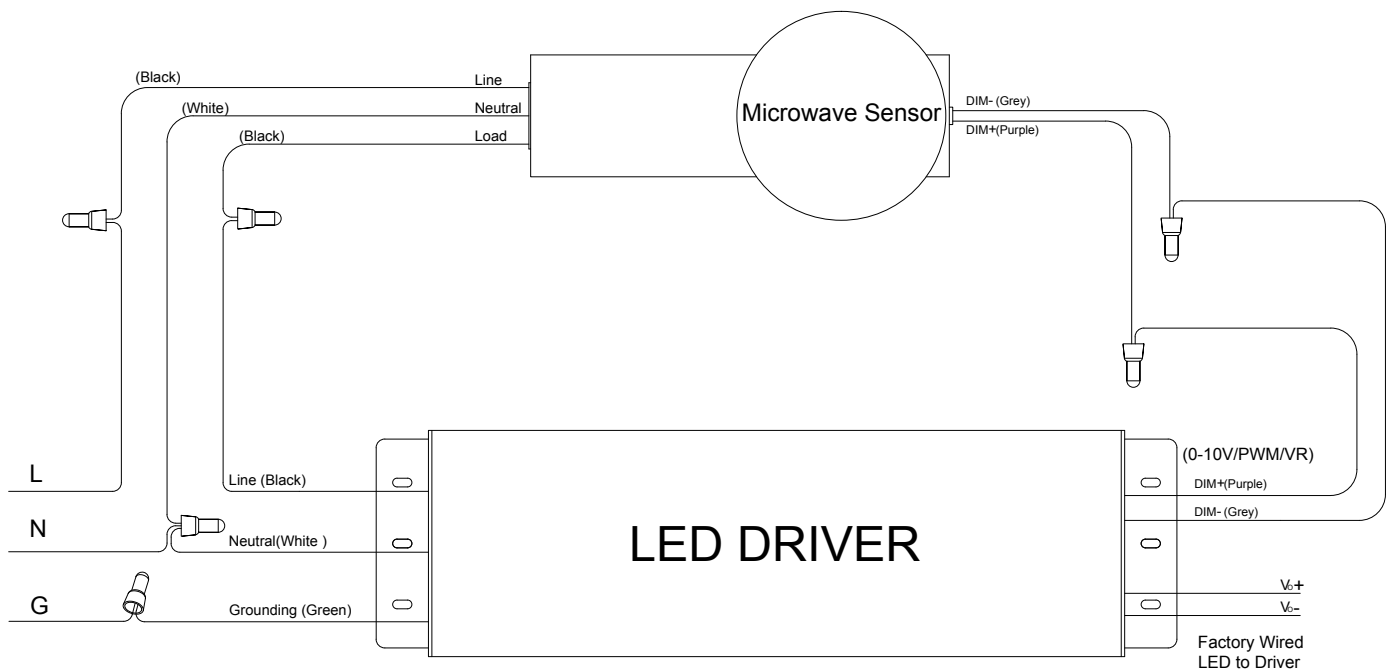


Diagram 2: Installation with Microwave Sensor



INSTALLATION

Wiring Diagram

Diagram 3: Installation with 3-Pin Photocontrol

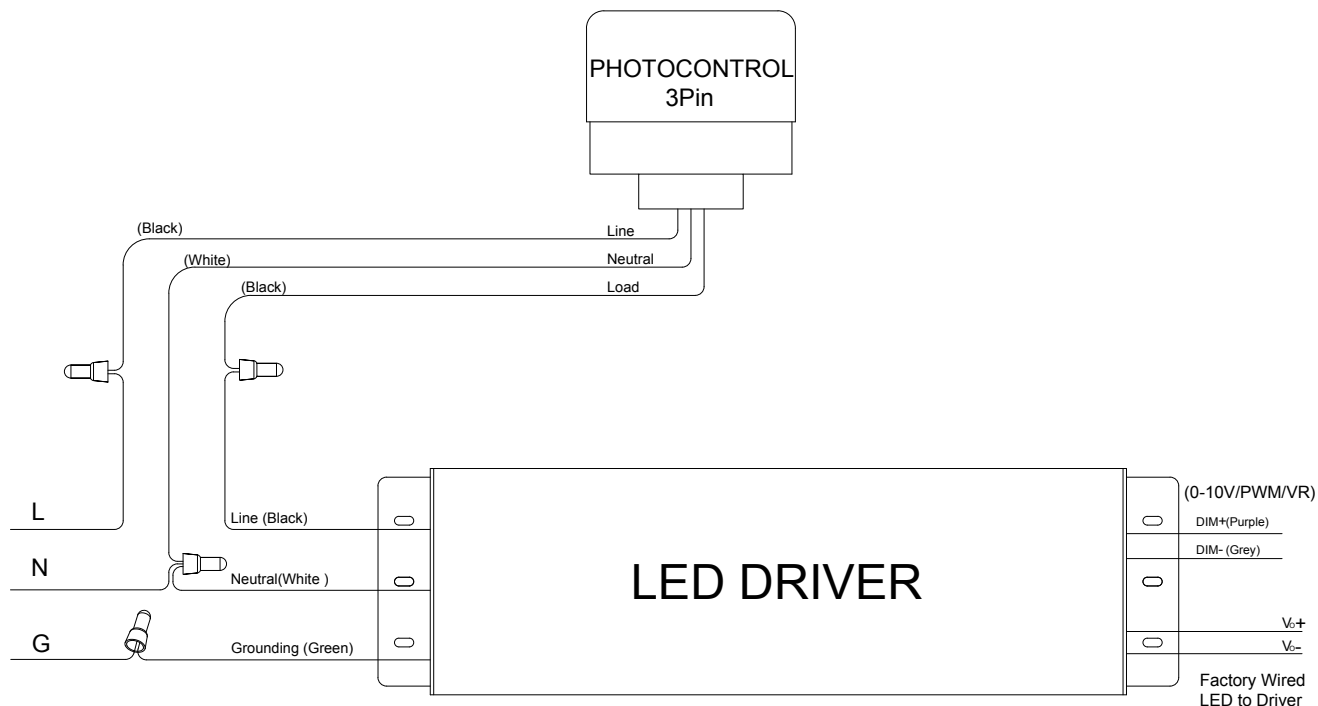
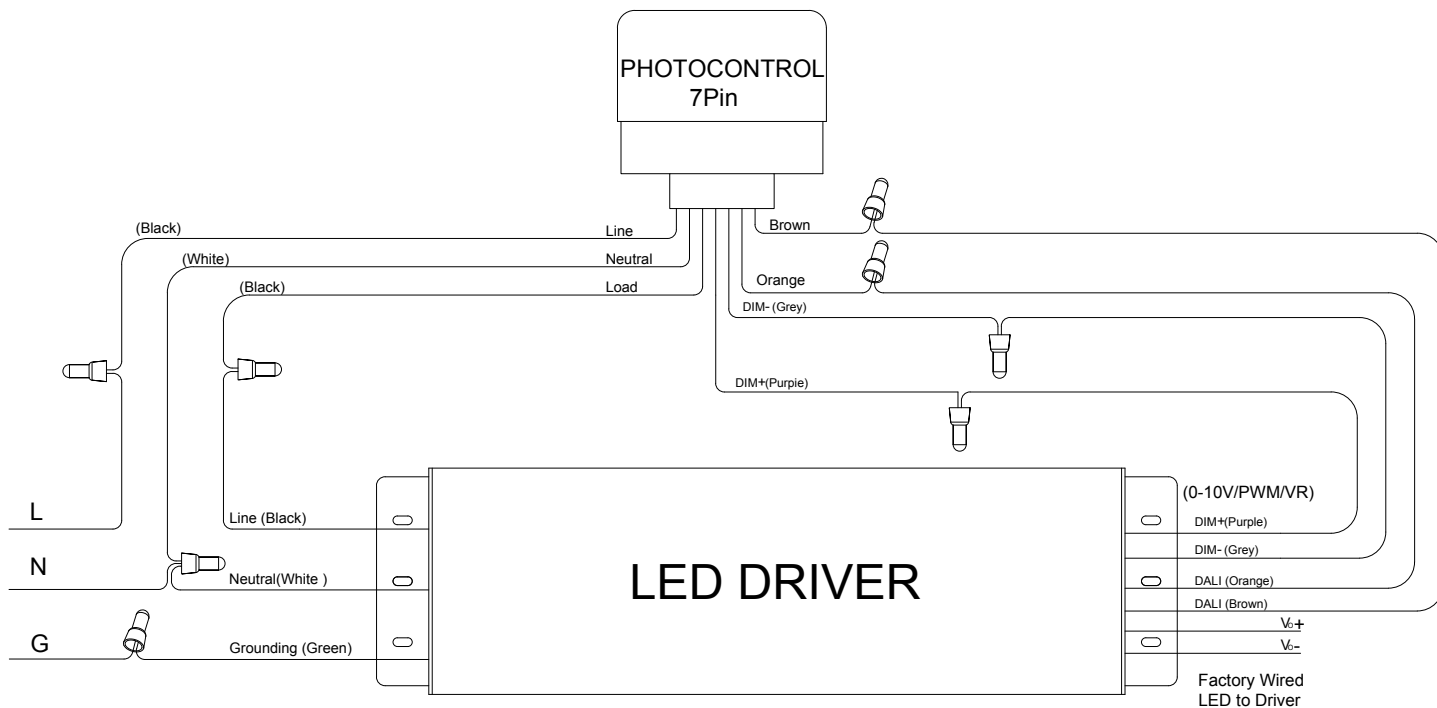


Diagram 4: Installation with 7-Pin Photocontrol



COMMISSIONING

Once installed please ensure that the luminaire is firmly fixed via the method used, and ensure that the wires are connected correctly before energizing the supply conductors.

Turn the power on, and check to ensure the luminaire works as intended. If not, de-energize and check connections, and contact your local dealer.

TROUBLESHOOTING

If luminaire does not work upon completion of installation:

1. *Check your power source for connectivity, and correct voltage.*
2. *Check the electrical connections of the luminaire to the power source.*
3. *Check to ensure luminaire is grounded.*
4. *Ensure LED Driver is connected to luminaire wiring.*

If luminaire still does not work, please call TamLite Lighting, or your local point of sale.