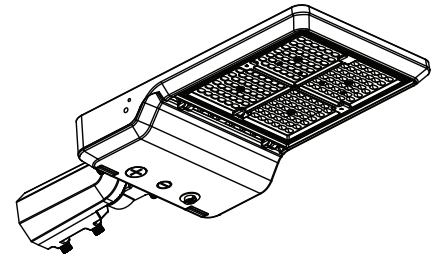


# MaxLite® High Efficiency Area Light - Color Selectable



## General Safety Information

- To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards read all warnings and instructions included with and on the fixture box and all fixture labels.
- Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precautions.
- Commercial installation, service and maintenance of luminaires should be performed by a qualified licensed electrician.
- For Residential installation: If you are unsure about the installation or maintenance of the luminaires, consult a qualified licensed electrician and check your local electrical code.
- **DO NOT INSTALL DAMAGED PRODUCT!**
- This fixture is intended to be connected to a properly installed and grounded UL listed junction box.
- The product should be installed, inspected and maintained by a qualified electrician in accordance with local national electrical safety regulations;
- Please turn off the power before checking, installing or removing;
- Ensure that the voltage used is the voltage within the product identification range;
- Use wires that comply with UL (or other local standards) for wiring.
- Do not install in a hazardous environment. The ambient temperature must not exceed the rated operating temperature of the product;
- Do not install the product when it rains. Avoid the danger of lightning strikes and avoid accidents;
- Please use with listed waterproof strain relief bushing when connecting the power supply cord to outlet box.
- Do not use the electric generator to test the LED lamp.
- External 0-10V only passive dimmers are supported.



Picture is for illustration purposes only.  
Your model may vary.

### WARNING:

- Risk of Fire - Supply conductors (power wires) connecting the fixture must be rated minimum 75°C. If uncertain consult an electrician.
- Risk of fire or electric shock. installation requires knowledge of luminaires electrical systems.
- Risk of Fire/Electric Shock - If not qualified, do not attempt installation. Contact a qualified electrician.
- Keep away from flammable and explosive environment.
- Don't cover the fixture with insulation liner or similar material.
- Don't install where fixture is loose or only partially supported.
- Don't impact or exert pressure on the fixture surface face or rear, as damage may occur.

### CAUTION:

- For your safety read and understand instructions completely before starting installation.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- Before attempting installation, check your local electrical code, as it sets the wiring standards for your locality.

### NOTES:

- If luminaire (fixture) is to be switched from a wall switch, make sure black power supply wire is connected to the switch. DO NOT connect the white supply wire to the switch.
- Make certain no bare wires are exposed outside the wire nut connectors.
- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

### MIN 75°C SUPPLY CONDUCTORS

**THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED. ALL COMPONENTS IN THE LUMINAIRE SHALL NOT BE REPLACED OR SERVICED.**

### LES F ILS D'ALIMENTATION 75°C

**CE PRODUIT DOIT TRE INSTALL SELON LE CODE D'INSTALLATION PERTINENT, PAR UNE PERSONNE QUI CONNA T BIEN LE PRODUIT ET SON FONCTIONNEMENT AINSI QUE LES RISQUES INH RENTS.**

**Model:** AE Series

## MaxLite® High Efficiency Area Light - Color Selectable

### Wiring Diagram

**CAUTION:** Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.

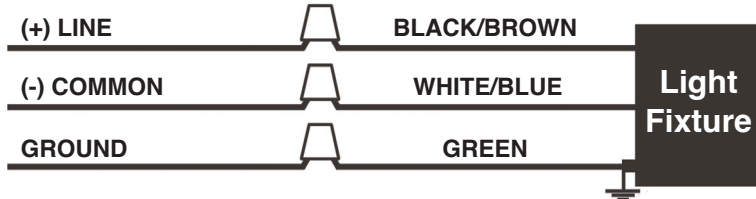
Connecting panels to AC source supply:

All units must be individually connected to the AC supply. (120-277 VAC) or (277-480 VAC)

Black / Brown = Line

White / Blue = Neutral

Green = Ground



### 0-10V Dimming Wiring Diagram

**CAUTION:** Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.

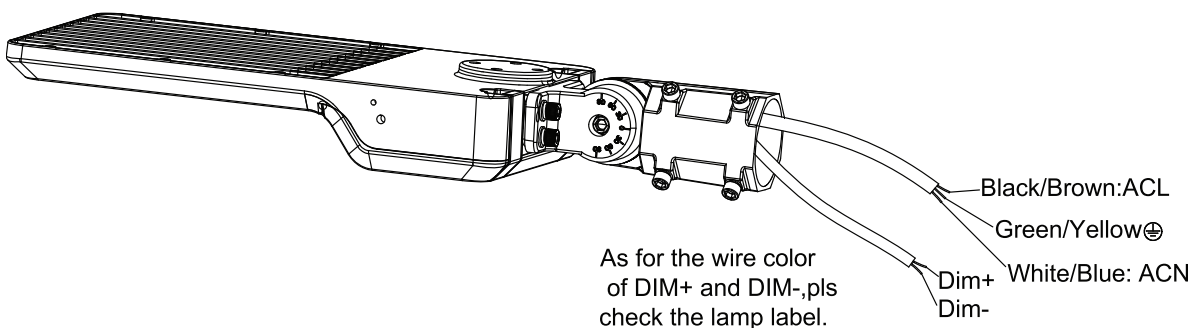
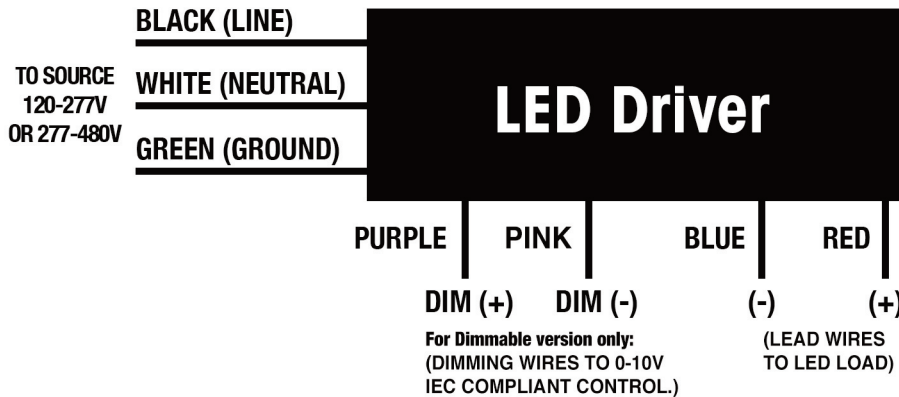
Connecting panels to AC source supply:

All units must be individually connected to the AC supply. (120-277 VAC)

Black / Brown = Line

White / Blue = Neutral

Green = Ground

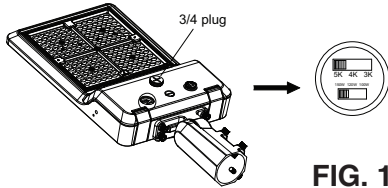


## MaxLite® High Efficiency Area Light - Color Selectable

### Setting Color Temperature (CCT) and Power (WATT)

#### Power and CCT Selectable Models:

1. Remove the  $\frac{3}{4}$  NPT plug and adjust the switch to the desired CCT and power settings (see **Fig. 1**).



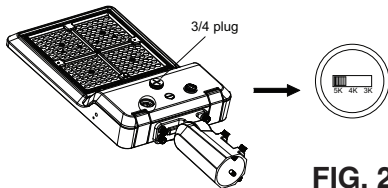
**FIG. 1**

2. Reinstall and tighten the  $\frac{3}{4}$  NPT plug.

**Note:** Ensure plug is tight enough to seal the housing from external water or particles.

#### CCT Selectable Models:

1. Remove the  $\frac{3}{4}$  NPT plug and adjust the switch to the desired CCT setting (see **Fig. 2**).



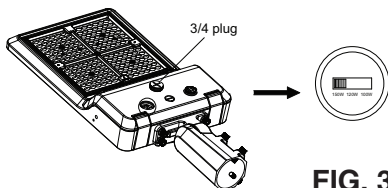
**FIG. 2**

2. Reinstall and tighten the  $\frac{3}{4}$  NPT plug.

**Note:** Ensure plug is tight enough to seal the housing from external water or particles.

#### Power Selectable Models:

1. Remove the  $\frac{3}{4}$  NPT plug and adjust the switch to the desired power setting (see **Fig. 3**).



**FIG. 3**

2. Reinstall and tighten the  $\frac{3}{4}$  NPT plug.

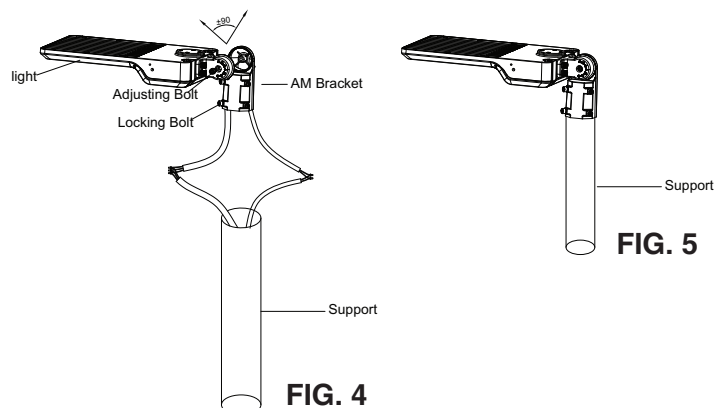
**Note:** Ensure plug is tight enough to seal the housing from external water or particles.

# MaxLite® High Efficiency Area Light - Color Selectable

## Installation Instructions

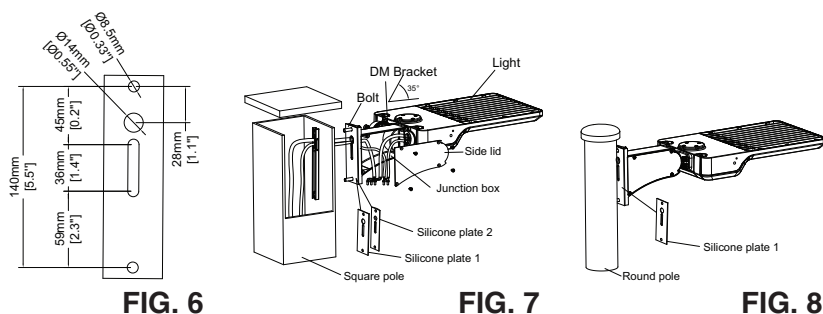
### Slipfitter Knuckle Mount:

1. Connect the power supply wires to the fixture input wires (see **Wiring Diagrams on page 2**). Place the wires inside the pole and place the slipfitter onto the support pole. Secure it by tightening the four (4) locking bolts on the mount.
2. In order to aim the fixture, loosen the adjusting bolt on the slipfitter and adjust the arm to the desired angle.  
**Note:** adjustable angle 0-90° (see **Fig. 4** and **Fig. 5**).

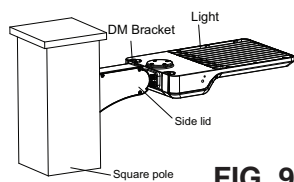


### Flexible Arm Mount:

**NOTE:** The fixture can be mounted to either a round or square pole using the gaskets provided. The flexible arm can be aimed 0 to 35° upward. Refer to the drill pattern below for the pole in order to mount the arm (see **Fig. 6**). If mounting it to a square pole use silicone plate 1 and plate 2. If mounting it to a round pole remove silicone plate 1 (see **Fig. 7** and **Fig. 8**).



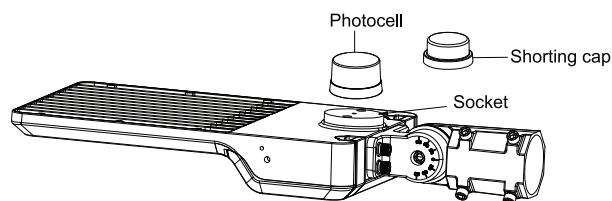
1. Fix the flexible arm mount to the pole by inserting the metal fixed plate with two (2) nuts and aligning it with the drilled holes. Tighten the two (2) bolts included with the mount to secure it to the pole. Remove the side lid from the mount, pull the supply wires from the pole into the junction box, and make the correct wiring connections (see **Fig. 7**).
2. Put the connected wires into the junction box and seal it with the side lid (see **Fig. 9**).



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### NEMA Twist-lock Receptacle (Models with Suffix –RPC and –PR7):

1. For models with either a 3-pin or 7-pin NEMA twist-lock receptacle installed, either a shorting cap or sensor (such as a photocell) needs to be installed on the receptacle (see **Fig. 10**).

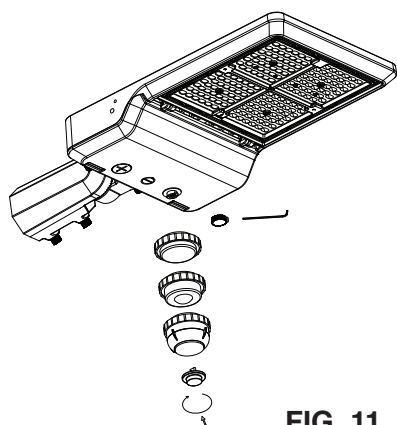


**FIG. 10**

### c-Max™ Node (Models with Suffix –CR):

**NOTE:** Refer to [www.maxlite.com/cmax](http://www.maxlite.com/cmax) for programming instructions

1. Remove the set screw from the round c-Max™ USB-C receptacle.
2. Remove the USB-C receptacle cover by turning it 90°. Remove the gasket under the cover as well.
3. Plug the c-Max™ control node into the USB-C receptacle (see **Fig. 11**).
4. Rotate the outer ring of the node until the sensors align. **NOTE:** This is important in order to seal the fixture.
5. Secure the control node in place with the provided set screw.



**FIG. 11**

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### Warranty Information

MaxLite Inc. warrants its products for a minimum period of **TEN (10)** years from the earlier of the actual installation date or 90 days after the original date of purchase from a MaxLite authorized distributor/dealer (the "Warranty Period"), as follows: If a Product fails to operate during the Warranty Period as a result of defects in materials or workmanship, MaxLite will, at its option, repair it, replace it with the same or like Product.

Please refer to Maxlite's website (at <http://maxlite.com/resources/warranties>) for the complete coverage details as well as the terms and conditions of our warranty. Please note that it is NOT a requirement to register your warranty in order to initiate a warranty claim unless a Ten Year warranty has been purchased separately, or when applicable and/or purchased separately, your warranty contains a replacement labor allowance.

### **Limitation of Liability**

THIS WARRANTY IS EXCLUSIVE, AND IS THE SOLE REMEDY FOR ANY AND ALL CLAIMS, WHETHER IN CONTRACT, IN TORT OR OTHERWISE ARISING FROM THE FAILURE OF PRODUCT AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ALL WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH WARRANTIES ARE HEREBY EXPRESSLY DISCLAIMED TO THE EXTENT PERMITTED BY LAW AND, IN ANY EVENT, SHALL BE LIMITED TO THE WARRANTY PERIOD SPECIFIED ABOVE. THE LIABILITY OF MAXLITE SHALL BE LIMITED TO THE TERMS OF THE EXPRESS WARRANTY SET FORTH HEREIN. IN NO EVENT WILL MAXLITE BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING, WITHOUT LIMITATION, DAMAGES RESULTING FROM LOSS OF USE, PROFITS, BUSINESS OR GOODWILL, LABOR COSTS, REMOVAL OR INSTALLATION COSTS, WHETHER OR NOT MAXLITE HAS BEEN ADVISED OF THE POSSIBILITY THEREOF. UNDER NO CIRCUMSTANCES SHALL MAXLITE'S ENTIRE LIABILITY FOR A DEFECTIVE PRODUCT EXCEED THE PURCHASE PRICE OF THAT PRODUCT (EXCLUDING LABOR WARRANTY COVERAGE WHERE SPECIFICALLY OFFERED BY MAXLITE). WARRANTY SERVICES PROVIDED UNDER THESE TERMS AND CONDITIONS DO NOT ENSURE THE UNINTERRUPTED OPERATION OF PRODUCTS; MAXLITE SHALL NOT BE LIABLE FOR DAMAGES CAUSED BY ANY DELAYS INVOLVING WARRANTY SERVICE.

This Warranty gives you specific legal rights and you may also have other rights that may vary from state to state. Because some states or jurisdictions do not allow the exclusion or limitation of liability for consequential or incidental damages, such limitation may not apply to you.