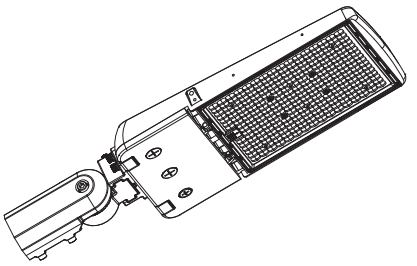
MaxLite® High Efficiency Area Light - Changeable Optics

General Safety Information



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

- 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.

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

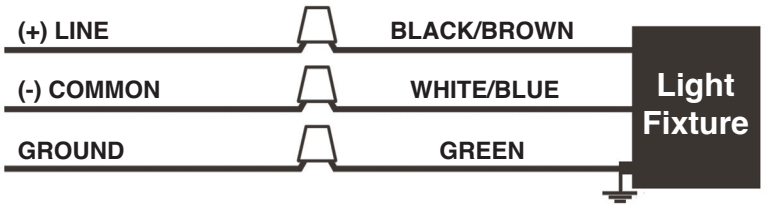
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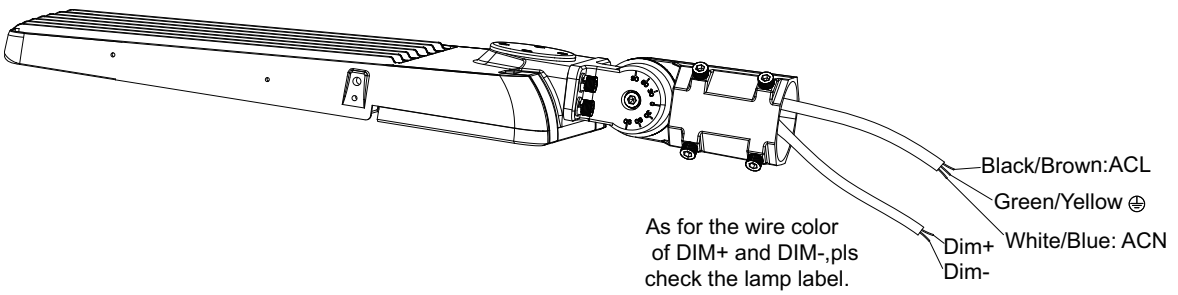
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Wiring Diagram

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





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Setting Color Temperature (CCT), Power (Watt) and Distribution Type

1. Remove the ¾ NPT plug and adjust the switch to the desired CCT and power settings (see **Fig. 1**).

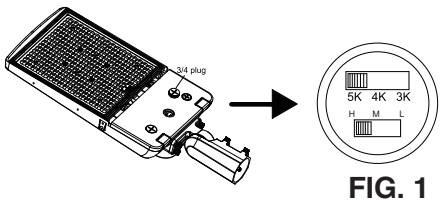


FIG. 1

2. Remove the ¾ NPT plug and adjust the switch to the desired beam distribution (see **Fig. 2**)

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

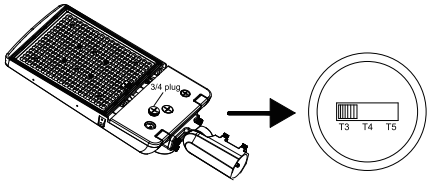


FIG. 2

Lower Knuckle Arm Mounting

1. Align fixture head and arm at the desired angle with the knuckle. (See **Fig. A**)

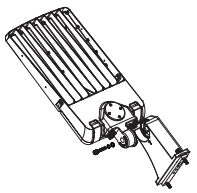


FIG. A

2. Lock the mounting and housing in place using the supplied M8x25mm machine thread screw, M8 spring washer and M8 flat washer at torque setting 9.6NM. (See **Fig. B**)

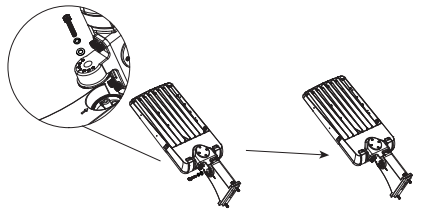


FIG. B

3. NOTE: Arm bracket should not exceed 35°. (See **Fig. C**)

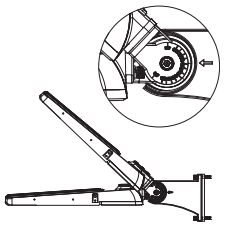


FIG. C

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Lower Knuckle Slipfitter Mounting

1. Align fixture head and slipfitter at the desired angle with the knuckle. (See **Fig. D**)

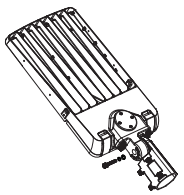


FIG. D

2. Lock the mounting and housing in place using the supplied M8x40mm machine thread screw, M8 spring washer and M8 flat washer at torque setting 9.6NM. (See **Fig. E**)

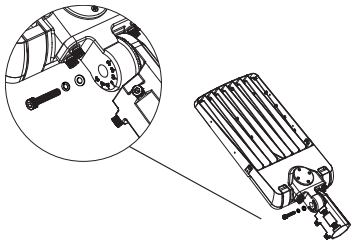


FIG. E

3. NOTE: Slipfitter bracket should not exceed 90°. (See **Fig. F**)

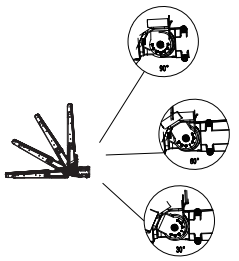


FIG. F

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 knuckle onto the support pole. Secure it by tightening the four (4) locking bolts on the mount. (See **Fig. 3**)

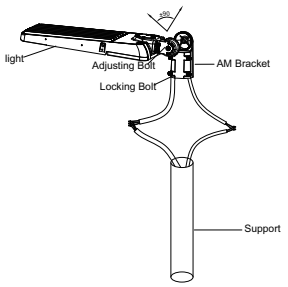


FIG. 3

2. In order to aim the fixture, loosen the adjusting bolt on the slipfitter knuckle and adjust the arm to the desired angle. **NOTE:** adjustable angle 0-90° (See **Fig. 4**)

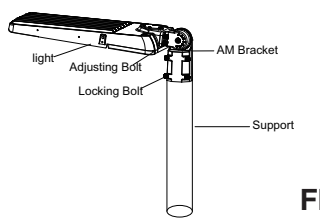


FIG. 4

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Installation Instructions (Continued)

Fixed Arm Mount:

NOTE: The fixture can be mounted to either a round or square pole using the gaskets provided. Refer to the drill pattern below for the pole in order to mount the arm (see **Fig. 5**). If mounting it to a square pole use both silicone plates. If mounting it to a round pole remove one of the silicone plates. (see **Fig. 6** and **Fig. 7**).

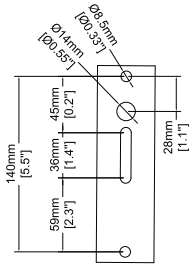


FIG. 5

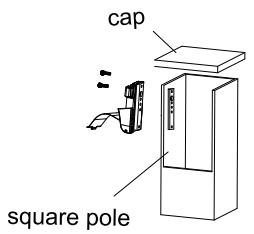


FIG. 6

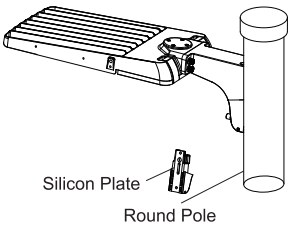


FIG. 7

1. Remove the two (2) bolts at the top of the mounting arm. Remove the mounting bracket portion of the arm. Secure it to the pole using the mounting plate. (see **Fig. 8**).

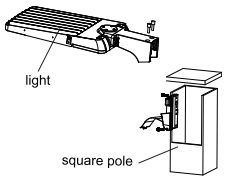


FIG. 8

2. Pull the power supply wires from the pole and place the fixture onto the mounting bracket. (see **Fig. 9**)

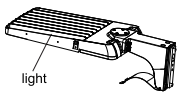


FIG. 9

3. Make wire connections based on the wiring diagrams above. Put the connected wires into the junction box and seal it with the bottom lid on the mount. (see **Fig. 10**)

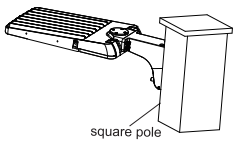


FIG. 10

4. Secure the fixture by retightening the two (2) bolts removed in step 1.

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Installation Instructions (Continued)

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. 11**). If mounting it to a square pole use both silicone plates. If mounting it to a round pole remove one of the silicone plates. (see **Fig. 12** and **Fig. 13**).

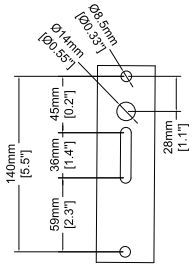


FIG. 11

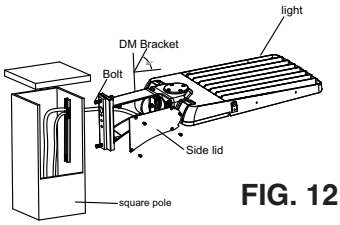


FIG. 12

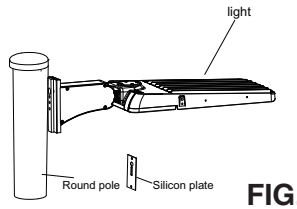


FIG. 13

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. 12**).

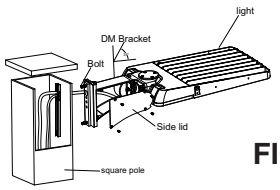


FIG. 12

2. Put the connected wires into the junction box and seal it with the side lid (see **Fig. 14**).

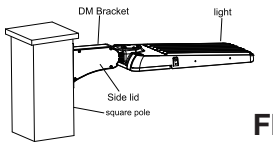


FIG. 14

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Installation Instructions (Continued)

Trunnion Mount:

1.) Drill mounting holes on the mounting surface as shown in the illustration below. (see **Fig. 15**).

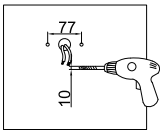


FIG. 15

2.) Insert expansion bolts (not included) into the mounting surface. (see **Fig. 16**).

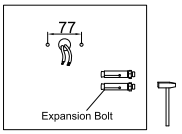


FIG. 16

3.) Secure the fixture to the mounting surface using the expansion bolts from step 2.
NOTE: The trunnion mount can be adjusted ±90°. (see **Fig. 17**)

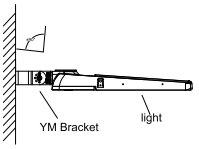


FIG. 17

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. 18**).

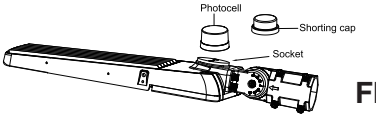


FIG. 18

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Warranty Information

MaxLite Inc. warrants its products for a minimum period of **FIVE (5)** 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.

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