

MaxLite® LED Slim Flood Fixtures (20W-80W)



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.



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

WARNING:

- Risk of Fire - Supply conductors (power wires) connecting the fixture must be rated min. 75°C Supply Conductors. 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.
- Do not use in high humidity conditions.
- 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.

Model:

MSF Series

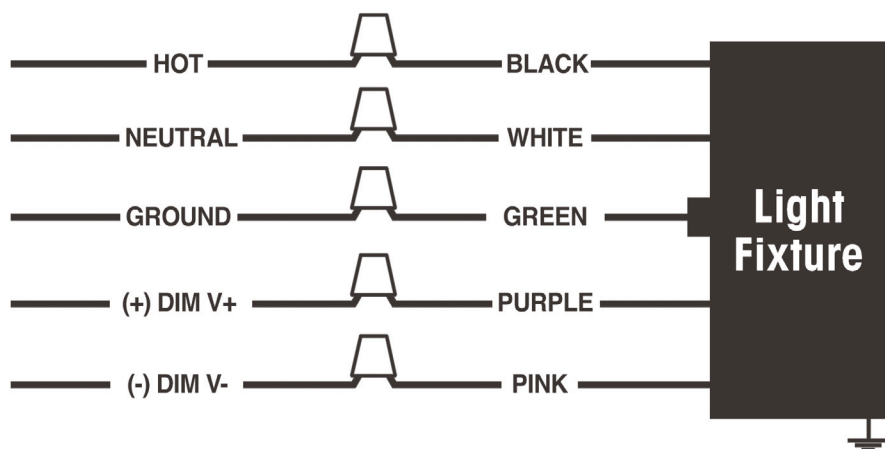
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General Wiring Diagram

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

0-10V Dimmable Wiring:



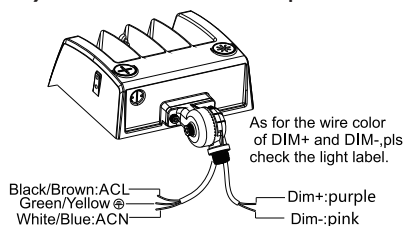
- 1.) Connect the black fixture wire to the HOT LINE supply wire.
- 2.) Connect the white fixture wire to the NEUTRAL supply wire.
- 3.) Connect the green fixture wire to supply ground wire.
- 4.) Connect the purple fixture wire to the (V+) DIM wire.
- 5.) Connect the pink fixture wire to the (V-) DIM wire.

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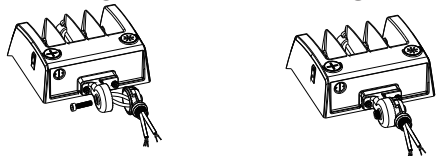


½ NPT Knuckle Mount (All Models)

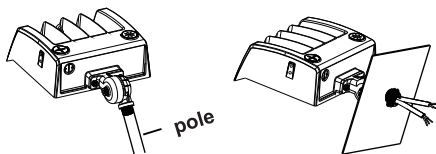
- 1.) Remove the luminaire from the packaging.
- 2.) Connect the AC input wires coming from the mounting bracket to the power supply wires (**Fig. 1**).

**Fig. 1**

- 3.) Loosen the screw in the center of the mounting bracket and adjust it to the desired angle. Retighten the screw (**Fig. 2**).



- 4.) Insert the ½" threaded nipple into the mounting surface (pole, junction box, etc.). Ensure that it is secure by either screwing it into the mounting surface or with the supplied nut (**Fig. 3**).



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Yoke Mount (All Models)

- 1.) Remove the luminaire from the packaging.
- 2.) If there is an existing mounting bracket, other than the yoke mount (i.e. threaded knuckle mount), remove it from the fixture (**Fig. 4**).

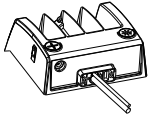


Fig. 4

- 3.) Attach the yoke bracket to the fixture using four (4) included bolts (**Fig. 5**).

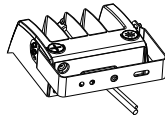
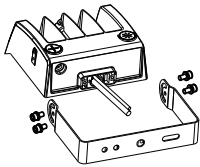


Fig. 5

- 4.) Drill two (2) holes into the mounting surface using the yoke mount as a template (**Fig. 6**).
- 5.) Insert expansion bolts (anchor bolts) into the holes drilled in step 4 (**Fig. 7**).

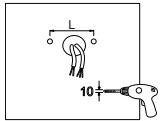


Fig. 6

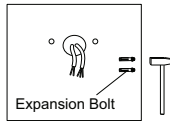


Fig. 7

- 6.) Attach the yoke bracket to the surface, loosen the bolts on both sides of the yoke, and adjust the luminaire to the desired angle. Secure the luminaire in this position by tightening the bolts on both sides of the yoke (**Fig. 8**).

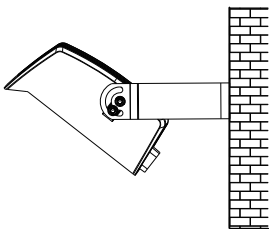


Fig. 8

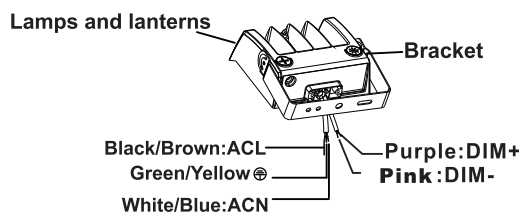


Fig. 9

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Installation & Operation – Color Temperature (CCT)/Wattage Adjustment & PC Controller

- 1.) Remove the metal and plastic KO plugs from the top of the fixture (**Fig. 10**)

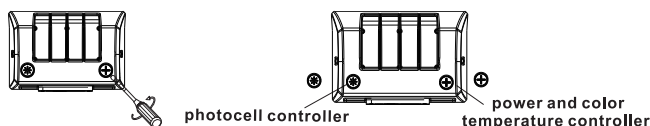


Fig. 10

- 2.) Adjust the color temperature controller to the desired CCT, the power controller to the desired wattage (-WCS models only), and the photocell controller on or off (**Fig. 11**).



Fig. 11

- 3.) Replace the KO plugs, ensure they are tight to prevent any ingress water. The clear plastic plug should be used on the hole with the photocell controller (**Fig. 12**).

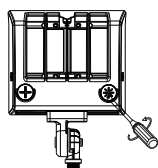


Fig. 12

Installation & Operation - Optical Angle Adjustment

- 1.) Remove the grommet on top of the housing (**Fig. 13**).

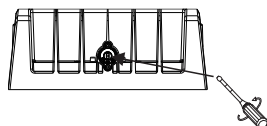


Fig. 13

- 2.) Using a flat head screwdriver, adjust the dial to the desired beam angle (**Fig. 14**).

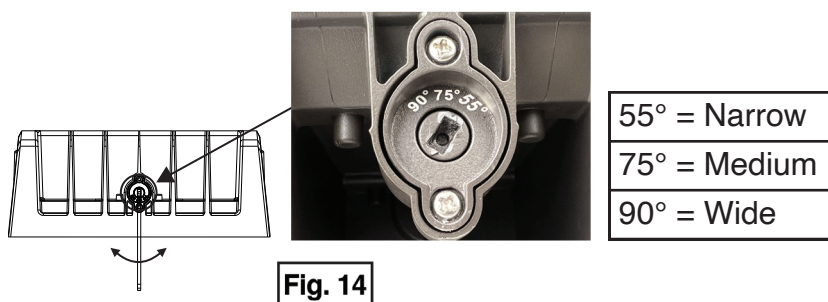


Fig. 14

- 3.) Replace the grommet (**Fig. 14**).

MaxLite® LED Slim Flood Fixtures (20W-80W)**Warranty Information**

MaxLite Inc. warrants its products for a minimum period of **FIVE (5)** years from the date of original purchase from MaxLite or its 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 terms and conditions of our warranty.

Limitation of Liability

THE FOREGOING 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, DECREASE IN THE LIGHT OUTPUT OF THE LAMP, AND/OR DETERIORATION IN THE LAMP'S PERFORMANCE, 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. 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.

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