

MaxLite® LED Slim Flood - High Wattage



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.
- 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:

MSFxxxE Series

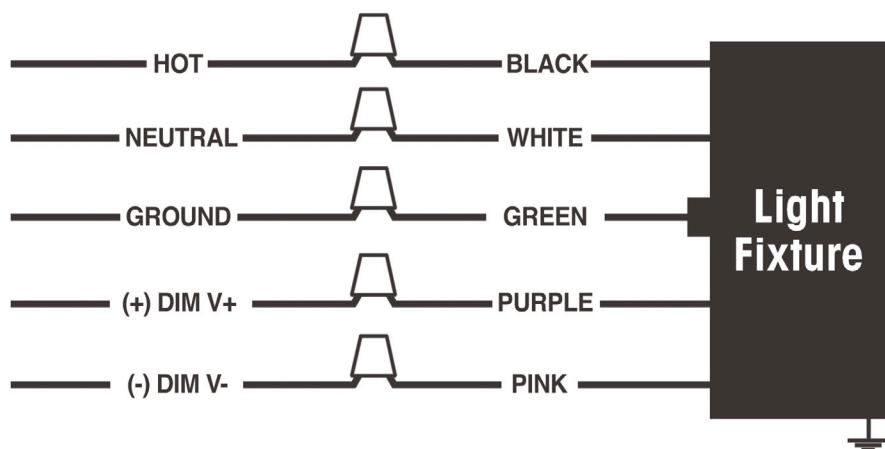


MaxLite® LED Slim Flood - High Wattage

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:

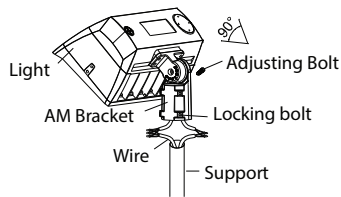
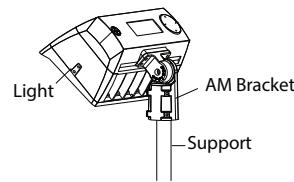


- 1.) Connect the black fixture wire to the HOT LINE supply wire.
- 2.) Connect the white fixture wire to the NEUTRAL supply wire.
- 3.) Connect the green fixture wire to supply ground wire.
- 4.) Connect the purple fixture wire to the (V+) DIM wire.
- 5.) Connect the pink fixture wire to the (V-) DIM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

MaxLite® LED Slim Flood - High Wattage

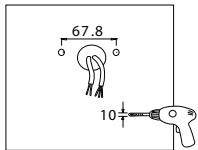
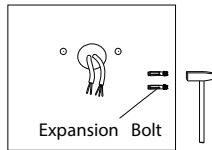
Knuckle Slipfitter Mount

- 1.) Remove the luminaire from the packaging.
- 2.) Connect the input wires coming out of the mounting bracket to the power supply wires in the support/pole according to the wiring diagram above (**Fig. 1**).
- 3.) Place the wires into the support/pole and slide the mounting onto it. Secure it by tightening the four (4) locking bolts.
- 4.) Loosen the adjusting bolt in the center of the mounting and adjust it to the desired angle. Retighten the bolt to secure it in place (**Fig. 2**).

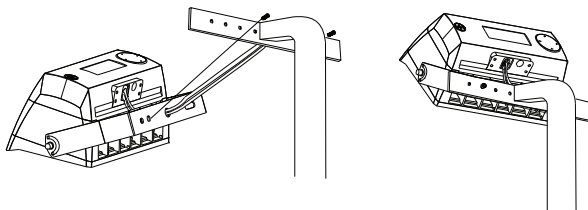

Fig. 1

Fig. 2

Yoke Mount

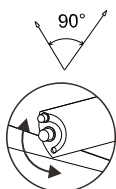
- 1.) Remove the luminaire from the packaging.
- 2.) If required, drill mounting holes into the mounting surface using the yoke mount as a template (**Fig. 3**).
- 3.) If the mounting surface is a wall, insert expansion or anchor bolts into the holes drilled in step 3 (**Fig. 4**).


Fig. 3

Fig. 4

- 4.) Attach the yoke bracket to the mounting surface (**Fig. 5**).


Fig. 5

- 5.) Loosen the bolts on both sides of the yoke and adjust the luminaire to the desired angle. Secure the luminaire in this position by retightening the bolts on both sides of the yoke mount (**Fig. 6**).


Fig. 6

- 6.) Connect the AC input wires coming from the luminaire to the power supply wires according to the wiring diagram on page 2.

MaxLite® LED Slim Flood - High Wattage

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

- 1.) Using a screwdriver, remove the KO plug from the back of the luminaire (**Fig. 7**).

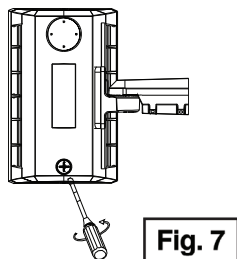


Fig. 7

- 2.) Adjust the color temperature switch to the desired CCT (all models) and the power switch to the desired wattage (-WCS models only) (**Fig. 8**).

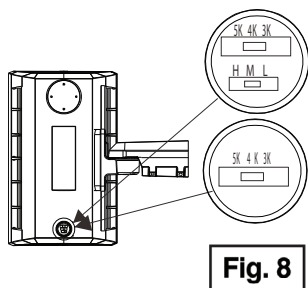


Fig. 8

Installation & Operation – 7-pin Receptacle

- 1.) If photocell function is required, install the photocell (or other sensor compatible with the receptacle) into the 7-pin NEMA receptacle socket on the back of the luminaire. Otherwise, install a shorting cap into the socket (**Fig. 9**).

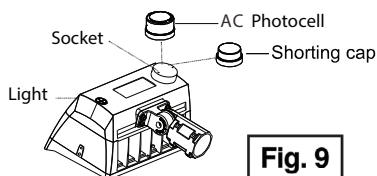


Fig. 9

Installation & Operation – Optional Motion Sensor

- 1.) In order to install the HBE motion sensor, remove the ½ NPT KO plug on the bottom side of the luminaire (**Fig. 10**).
- 2.) Install the sensor into the socket by twisting it into the KO hole. **NOTE:** it may be necessary to use a wrench to fully tighten the threads of the sensor into the KO hole (**Fig. 11**).

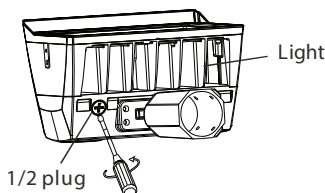


Fig. 10

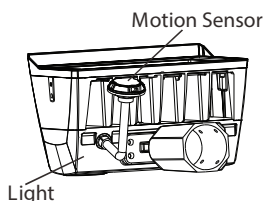


Fig. 11

MaxLite® LED Slim Flood - High Wattage

Installation & Operation – Optional Motion Sensor (Continued)

3.) Using the HB03R remote control, program the sensor according to the illustration below (**Fig 12**).

Display Area

BRIGHTNESS (70%/80%/90%/100%)
 DAYLIGHT (10lx/30lx/50lx/100lx)
 STANDBY DIM (10%/20%/30%/50%)

HOLD TIME (10S/1min/10min/30min)
 SENSITIVITY (20%/50%/75%/100%)
 STANDBY TIME (+ ∞ /1min/30min/60min)

Button Setting Area

ON/OFF (Long press the "ON/OFF" button until the brightness indicator light is on(First-row).Press to turn on or turn off the fixture.)

BRIGHTNESS (Press to adjust dimming level 70%/80%/90%/100%.)

SEND (Press to save settings after each change.The indicator light confirms the save setting.)

HOLD TIME (Press to adjust hold time 10s/1min/10min/30min.)

DAYLIGHT (Long press the button until the daylight indicator light is on,press to adjust daylight threshold 10lx/30lx/50lx/100lx.)

SENSITIVITY (Press to adjust sensitivity 20%/50%/75%/100%.) Note: PIR Motion Sensor have no sensitivity setting,the default 100%.

STANDBY DIM (Press to adjust stand-by dimming level 10%/20%/30%/50%.)

STANDBY TIME (Press to adjust stand-by time + ∞ /1min/30min/60min.)
 Note: " + ∞ "means unlimited stand-by time,and the light control mode is the light control priority mode, otherwise it's the light threshold mode.

RESET
 Press "RESET"button,products with DIP switch will be controlled by DIP switches;Otherwise all the setting will change,which is Brightness 70%/
 Hold time 10s/ Sensitivity 20%/ Daylight threshold disable/Stand-by dimming level 10% / Stand-by time+∞.

TEST
 The button "TEST" is for testing purpose after debugging.Pressing this button,the sensor goes to test mode(hold time is only 3s).

+ Press to increase brightness(0-100%).

- Press to reduce brightness(100%-0%).

Attention

1. If you want to send a setting,it will only work if the remote control is on.If you don't press any button within 10 seconds,the indicator light will go out.
2. When using "ON/OFF"button,the rest buttons except the "ON/OFF","BRIGHTNESS"and"SEND"buttons will be disabled.
3. When using "TEST"button,the rest buttons except the "TEST","SENSITIVITY"and "SEND"buttons will be disabled.
4. Every change needs to press "SEND" button,it will be saved.
5. Because of the power supply DIMMING ratio difference, when using different power, "BRIGHTNESS" and "STANDBY DIM" adjust percentage of the power will have difference with the measured power.
6. Light control priority mode: the on/off illumination values of each gear are 10lx/50lx, 30lx/100lx, 50lx/150lx and 100lx/200lx.
7. Light threshold mode:the on/off illumination values of each gear is 10lx/30lx/50lx/100lx, when the light intensity is less than set value and the movement of someone or an object is induced, the light is turned on to the preset brightness.

Fig. 12

MaxLite® LED Slim Flood - High Wattage



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.

This Limited 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, this limitation may not apply to you.