



Installation Manual

MPulse Luminaire

High Output Flood Fixture

REV: 05/13/19



BEFORE YOU BEGIN

Read these instructions completely and carefully.



WARNING

Risk of fire or electric shock. Luminaire wiring and electrical parts may be damaged when drilling for installation of led retrofit kit, check for enclosed wiring and components.

To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

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.
- DO NOT INSTALL DAMAGED PRODUCT!
- This fixture is intended to be connected to a properly installed and grounded UL listed junction box.

WARNING:

RISK OF ELECTRICAL SHOCK

- Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.
- Turn off the power when you perform any maintenance.
- Verify that supply voltage is correct by comparing it with the luminaire label information.
- Make all electrical and grounded connections in accordance with the National Electrical Code and any applicable local code requirements.
- All wiring connections should be capped with UL approved wire connectors.

CAUTION:

RISK OF INJURY

- Wear gloves and safety glasses at all times when removing luminaire from carton, installing, servicing or performing maintenance.
- Avoid direct eye exposure to the light source while it is on.
- Account for small parts and destroy packing material, as these may be hazardous to children.

CAUTION:

RISK OF FIRE

- Keep combustable and other materials that can burn away from luminaire and lamp/lens
- Do not mount to flammable or combustible surfaces.

Input Rating: 120V-277V 50/60Hz or 347-480V 50/60Hz (dependent on model)

Operating Temperature: -40°C to 50°C

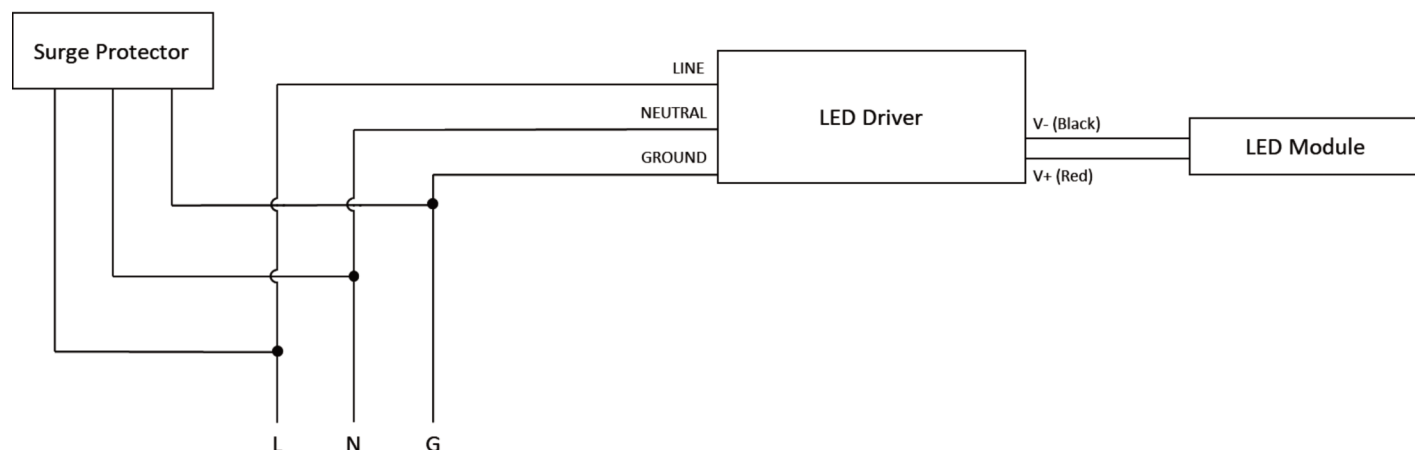
Illustrations in the manual are for installation purposes only. It may not be identical to the fixture purchased.

Models:

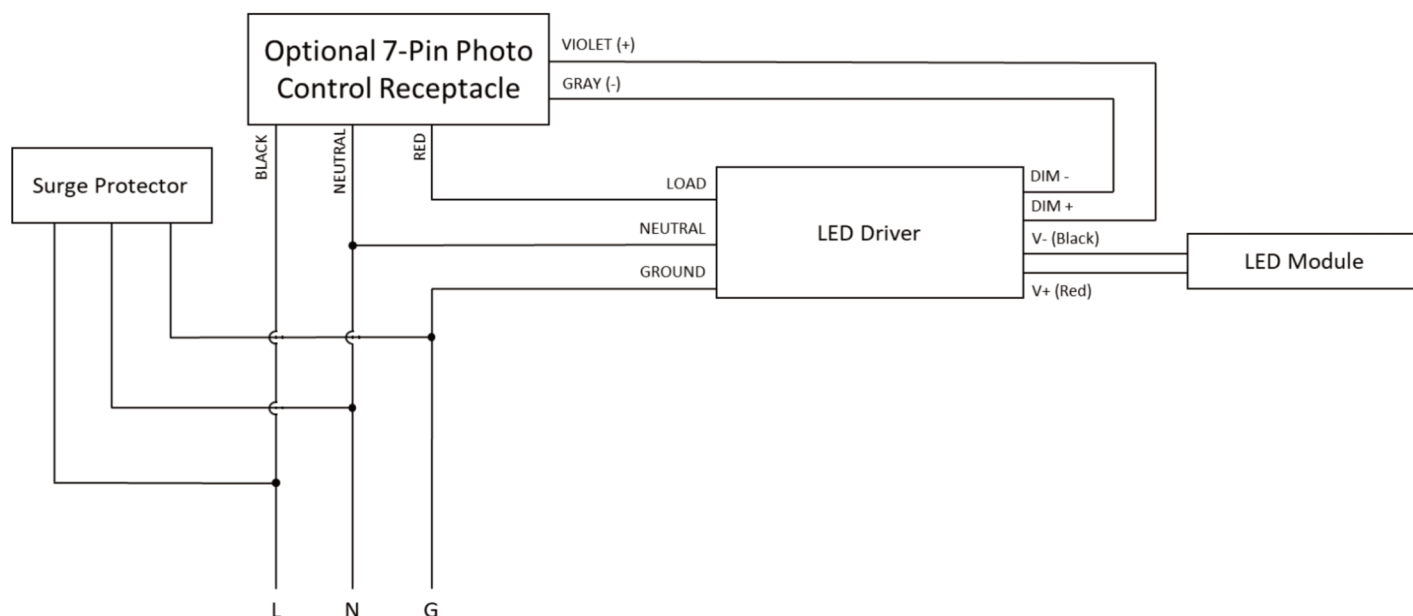
This instruction manual applies to the MP-HO Series

220W Wiring Diagram:

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

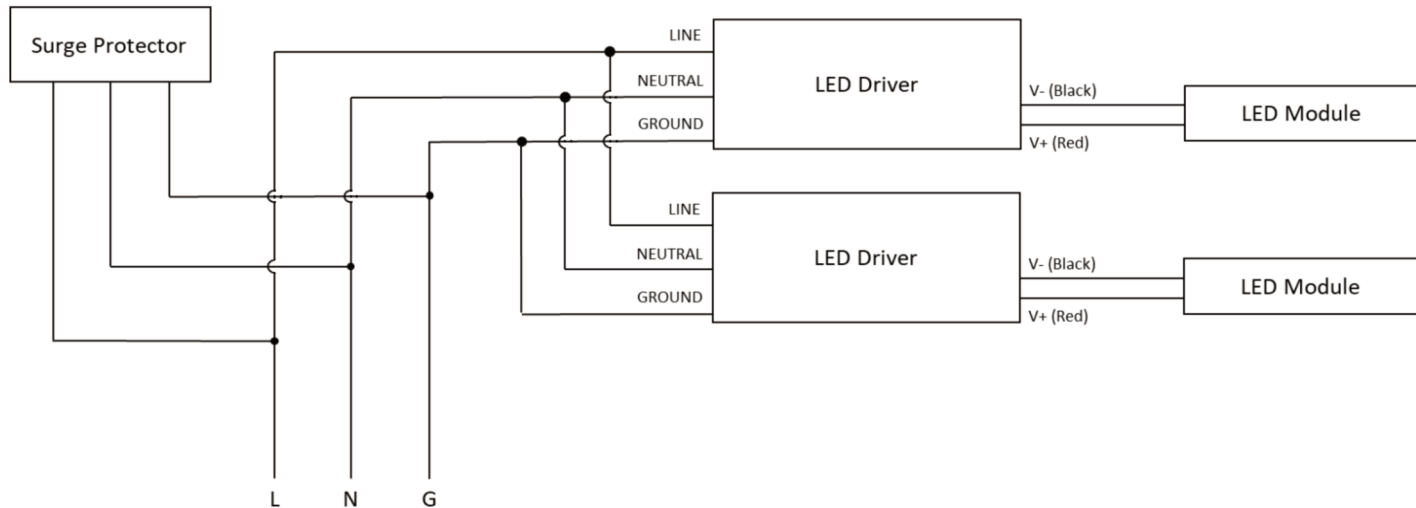


220W with 7-pin Photo Control Wiring Diagram:

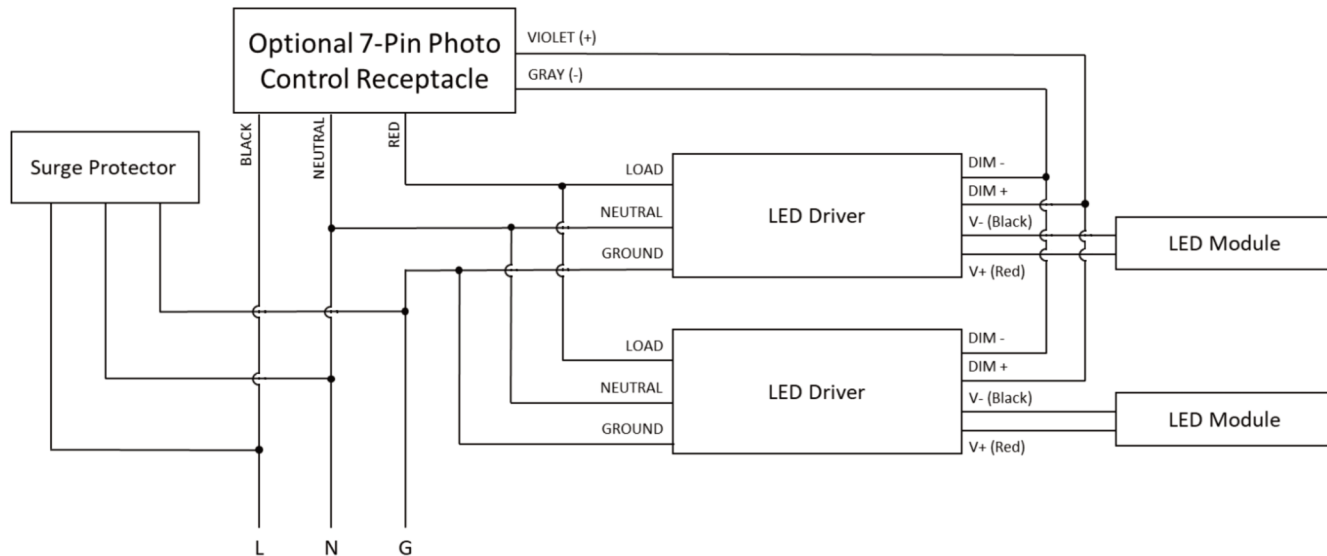


440W Wiring Diagram:

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

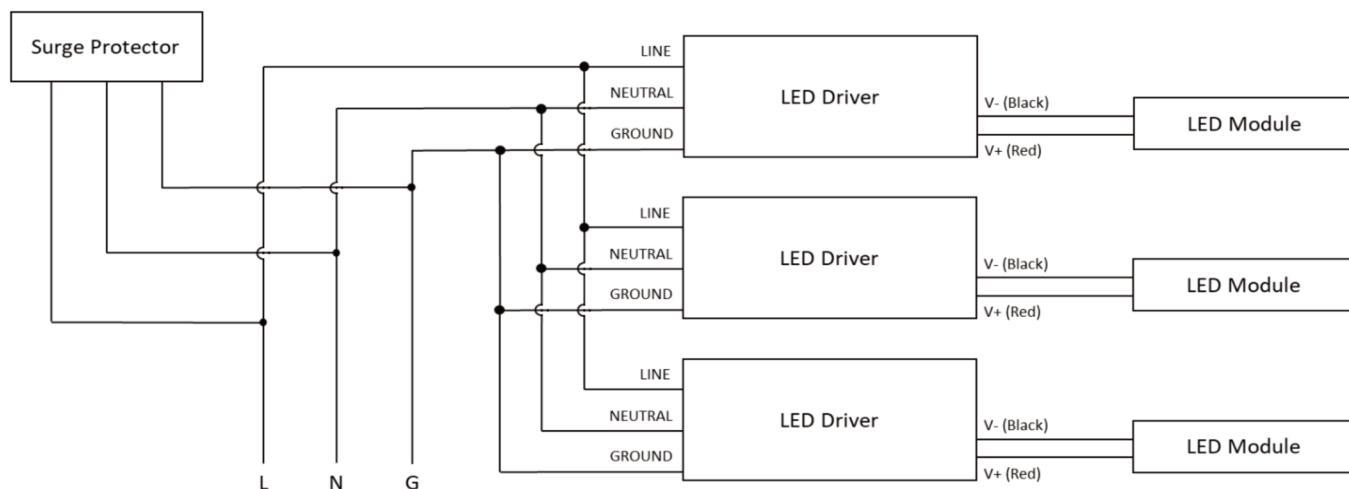


440W with 7-pin Photo Control Wiring Diagram:

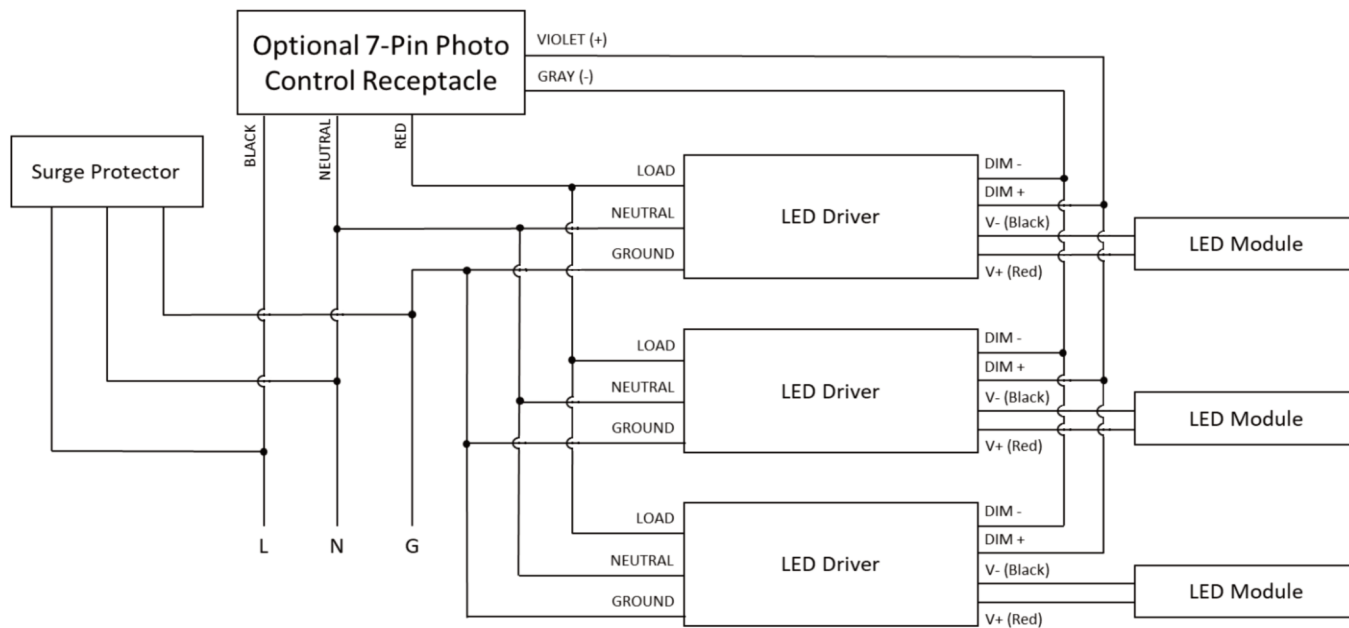


660W Wiring Diagram:

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



660W with 7-pin Photo Control Wiring Diagram:



Heatsink Pivot Instructions:

(NOTE: Pivot each heatsink module to the desired position before mounting the fixture.)

1. The individual module LED heatsinks can be pivoted 15° in either direction (refer to **Figs. 1 and 2**). Begin by removing the M6 hex bolts from the “0” position on both sides of each module that will be pivoted. Rotate each heatsink to either position “1” or “2” depending on the desired angle. Retighten the bolts to ensure each module stays in the desired position.
2. The heatsinks (for 440W and 660W models) do not need to be rotated in the same direction (refer to **Fig. 3**).
3. Ensure that two successive heatsinks are not rotated in opposite directions as the heatsink housings will interfere (refer to **Fig. 4**).

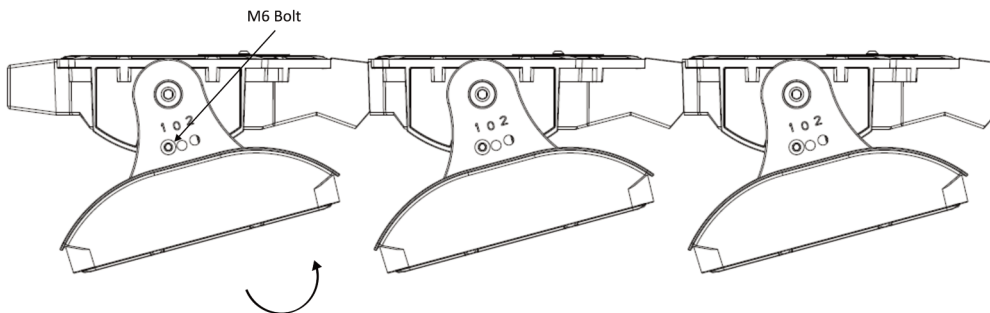


Fig. 1

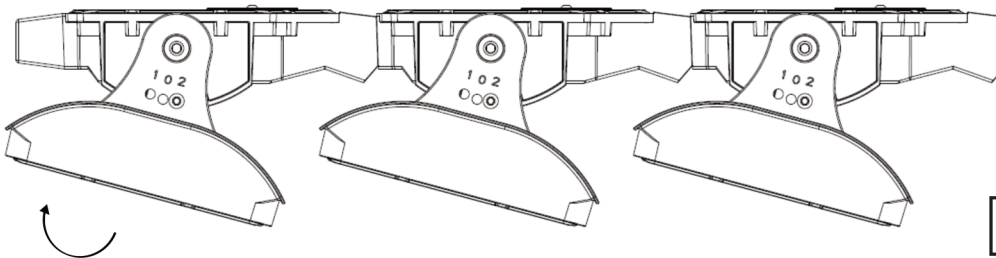


Fig. 2

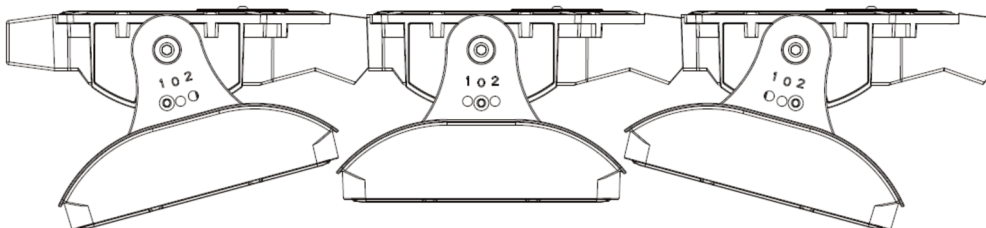


Fig. 3

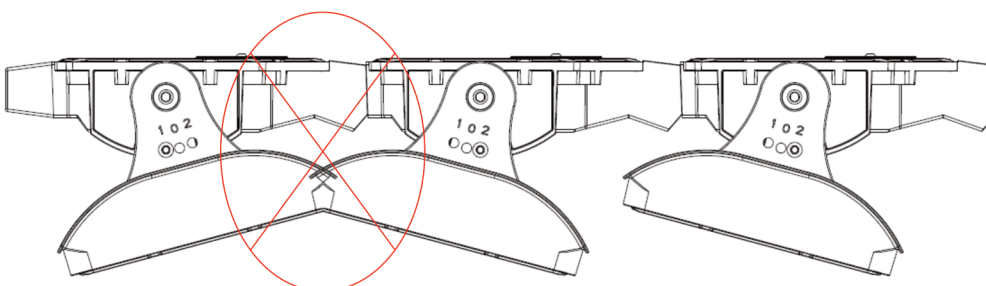


Fig. 4

Slipfitter Knuckle Mounting Instructions:

1. Connect the power supply leads to the driver input leads (see corresponding wiring diagram). Lay the wires into the pole and insert the slipfitter onto the pole (refer to **Fig. 1**).
2. Tighten the eight (8) 3/8-16 set screws on the slipfitter to secure it to the pole (refer to **Fig. 2**).
3. To adjust the angle of the entire fixture (not individual heatsinks), loosen the 7/16-20 bolt and tilt the fixture to the desired angle. Re-tighten the bolt to secure the mount and fixture (refer to **Fig. 3**).

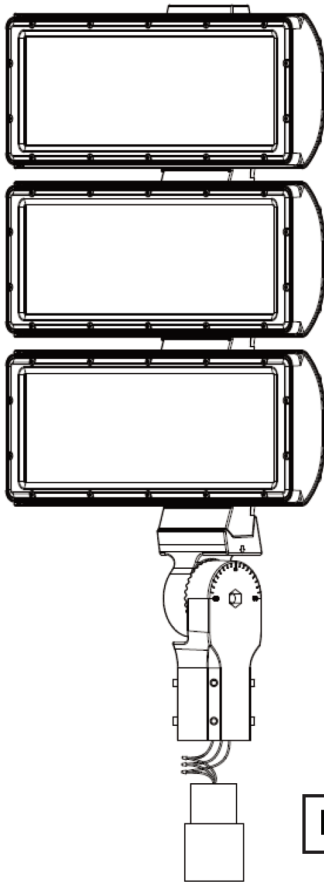


Fig. 1

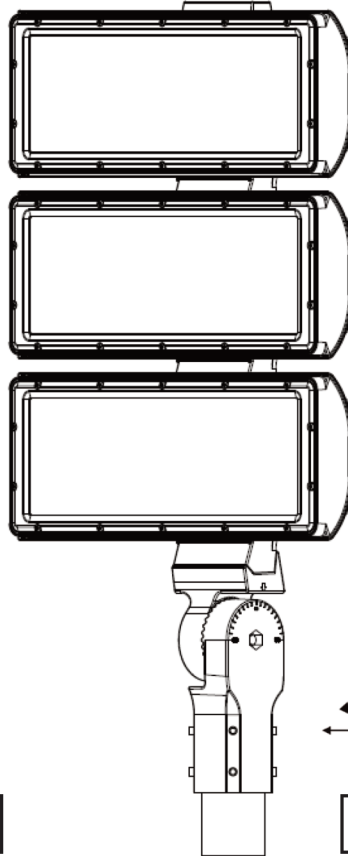


Fig. 2

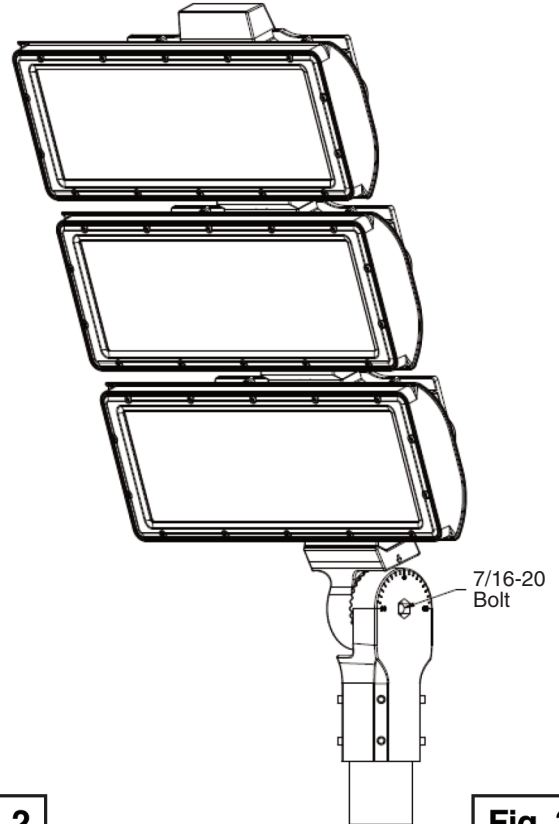


Fig. 3

Trunnion Swivel Mounting Instructions:

1. The trunnion swivel bracket can be mounted using either two (2) 7/16" bolts or one (1) 3/4" bolt. Refer to **Fig. 1** for drilling dimensions.
2. Once mounting hole(s) are drilled, secure the bracket with the fixture to the mounting surface.
3. Adjust the fixture to the desired angle by removing the two (2) 1/4-28 pan head screws on both sides of the bracket and rotating the fixture. Secure the fixture by retightening the screws (refer to **Fig. 2**).

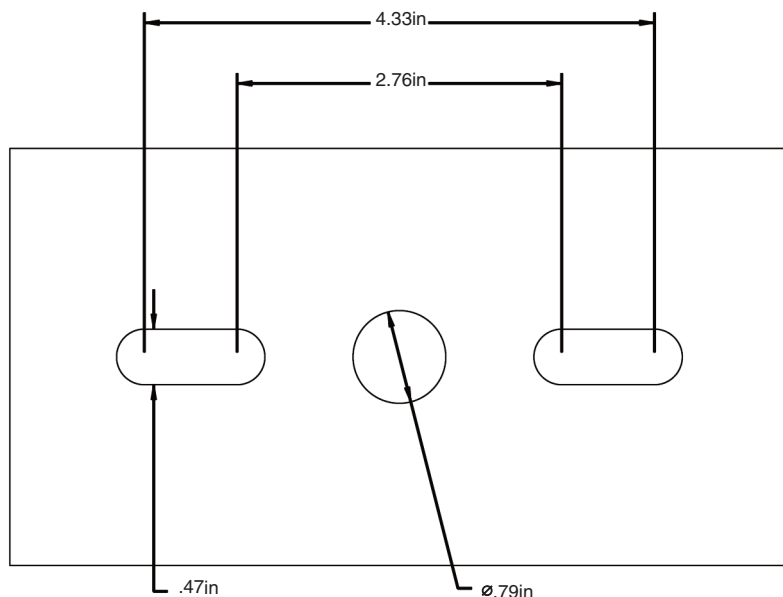


Fig. 1

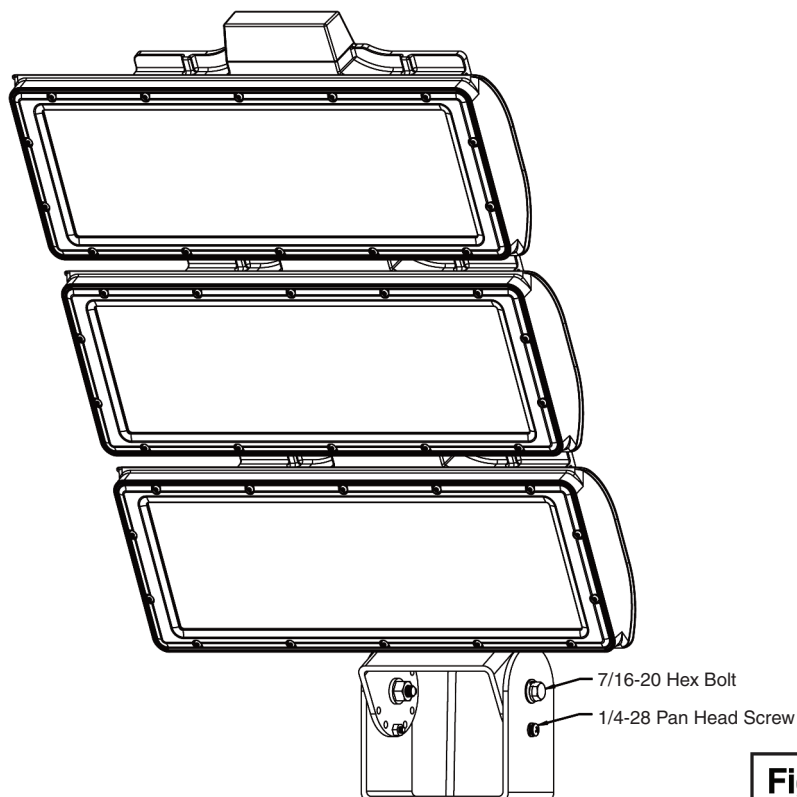


Fig. 2

Warranty Information

MaxLite Inc. warrants its products for a minimum period of **TEN (10)** 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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