



MPulse™



Installation Manual

MPulse Area Light Fixture

REV: 12/14/17



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.
- 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.

WARNING:

RISK OF ELECTRICAL SHOCK

- 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 combustible and other materials that can burn away from luminaire and lamp/lens.
- Suitable for Wet Locations

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.

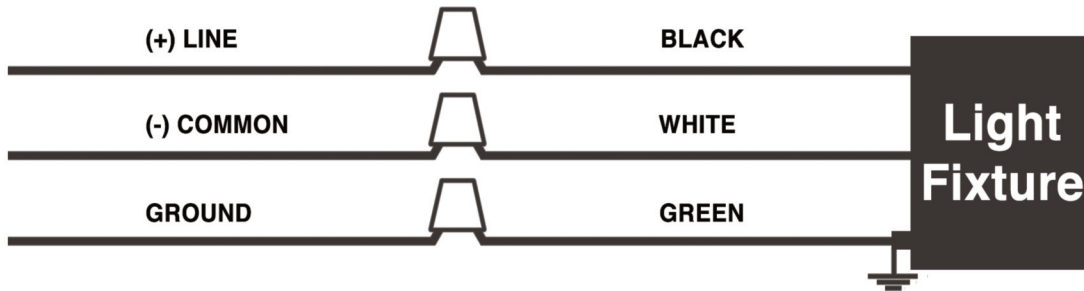
Models:

MP-AR100, MP-AR150, MP-AR200, MP-AR250, and MP-AR300

General Wiring Diagram:

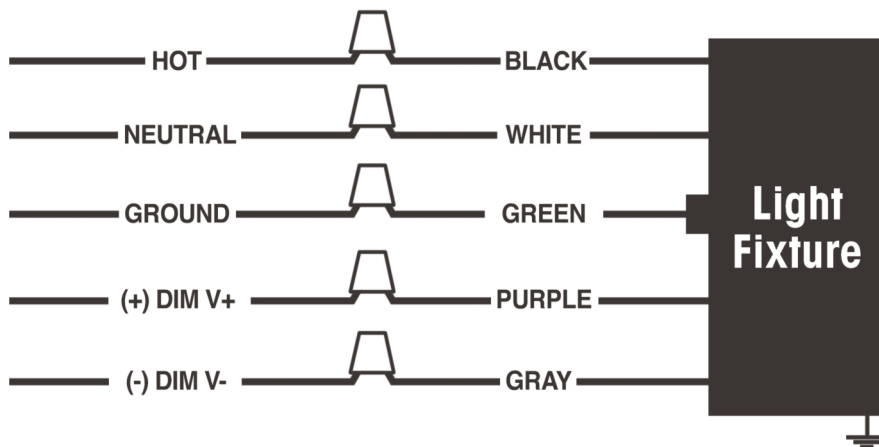
CAUTION: Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.

120-277V, 347-480V Wiring:



- 1.) Connect the black fixture wire to the (+) LINE supply wire.
- 2.) Connect the white fixture wire to the (-) COMMON supply wire.
- 3.) Connect the green fixture wire to supply ground wire.

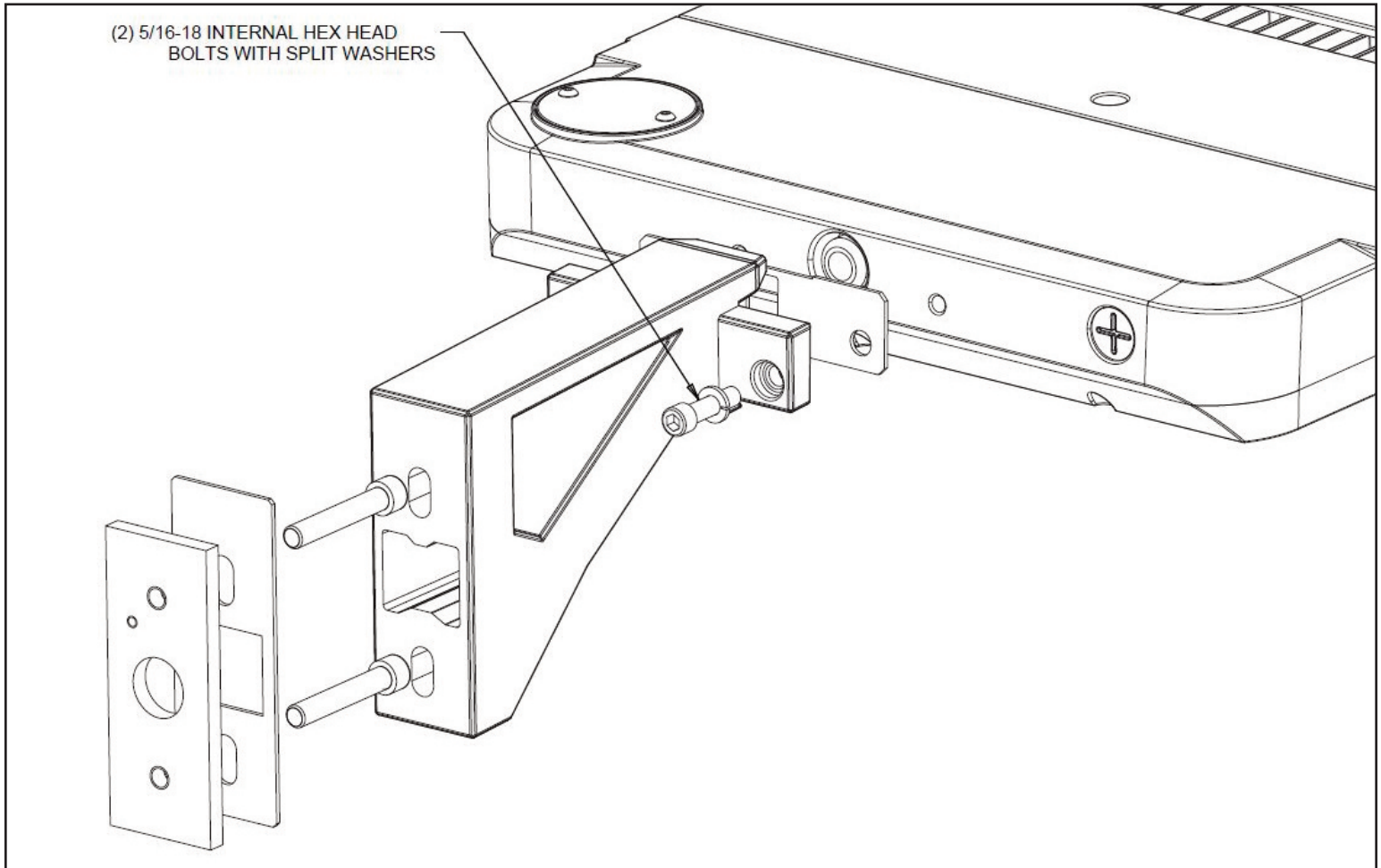
0-10V Dimmable Wiring:



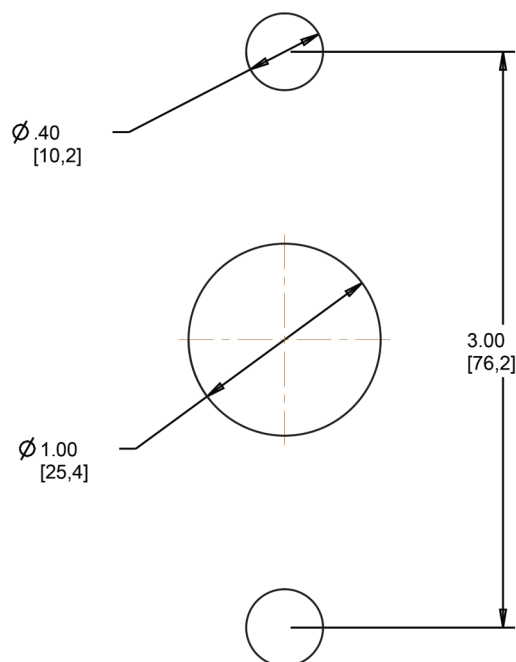
- 1.) Connect the black fixture wire to the HOT LINE supply wire.
- 2.) Connect the white fixture wire to the NEUTRAL supply wire.
- 3.) Connect the green fixture wire to supply ground wire.
- 4.) Connect the purple fixture wire to the (V+) DIM wire.
- 5.) Connect the gray fixture wire to the (V-) DIM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

Pole Mount:

- 1.) Secure Pole Mount bracket to MPulse Area Light by tightening (2) 5/16-18 internal HEX head bolts with split washers and gasket.
- 2.) Wire the fixture using UL listed water proof wire connectors.

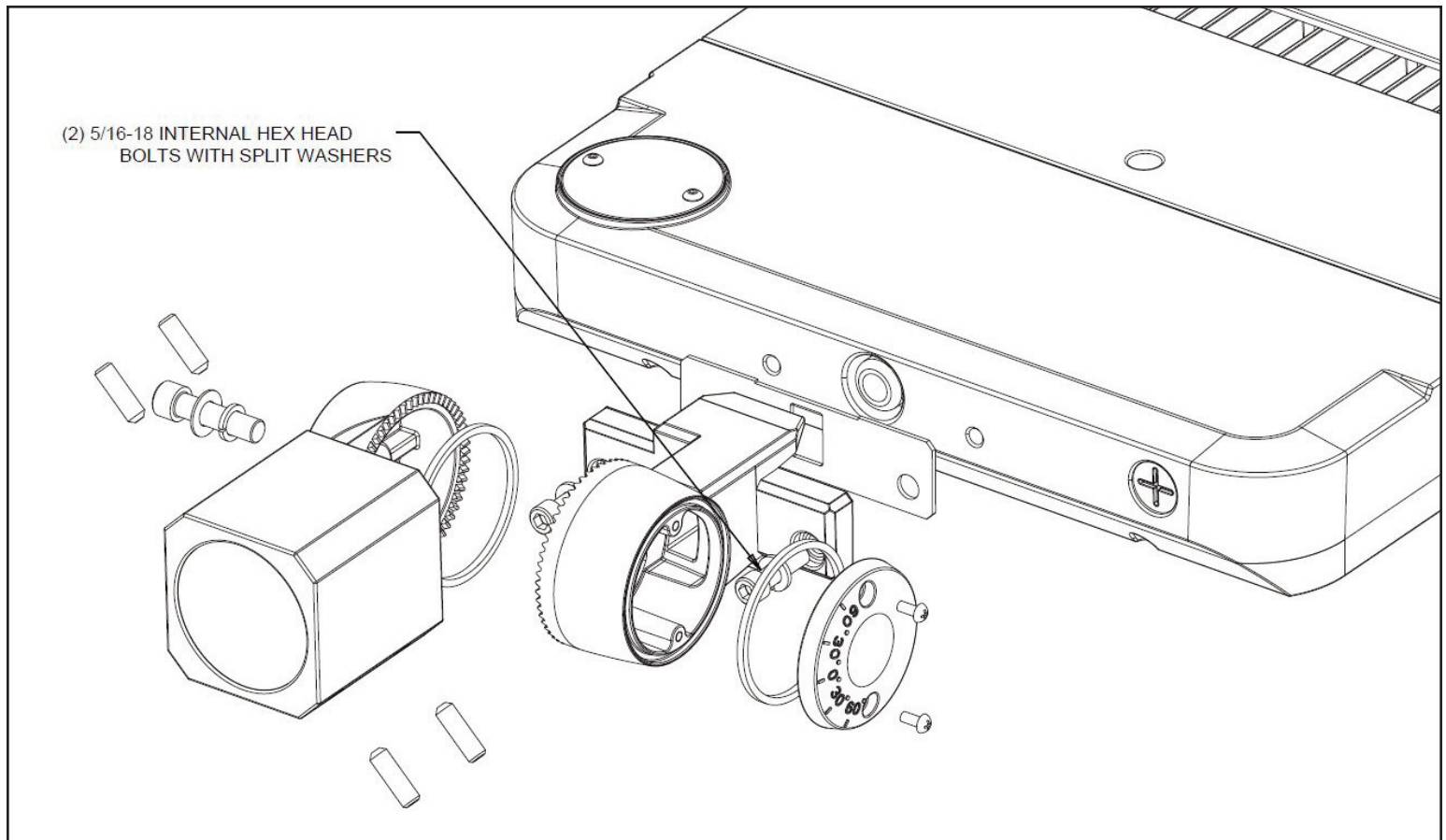


Pole Mount Drilling Pattern:



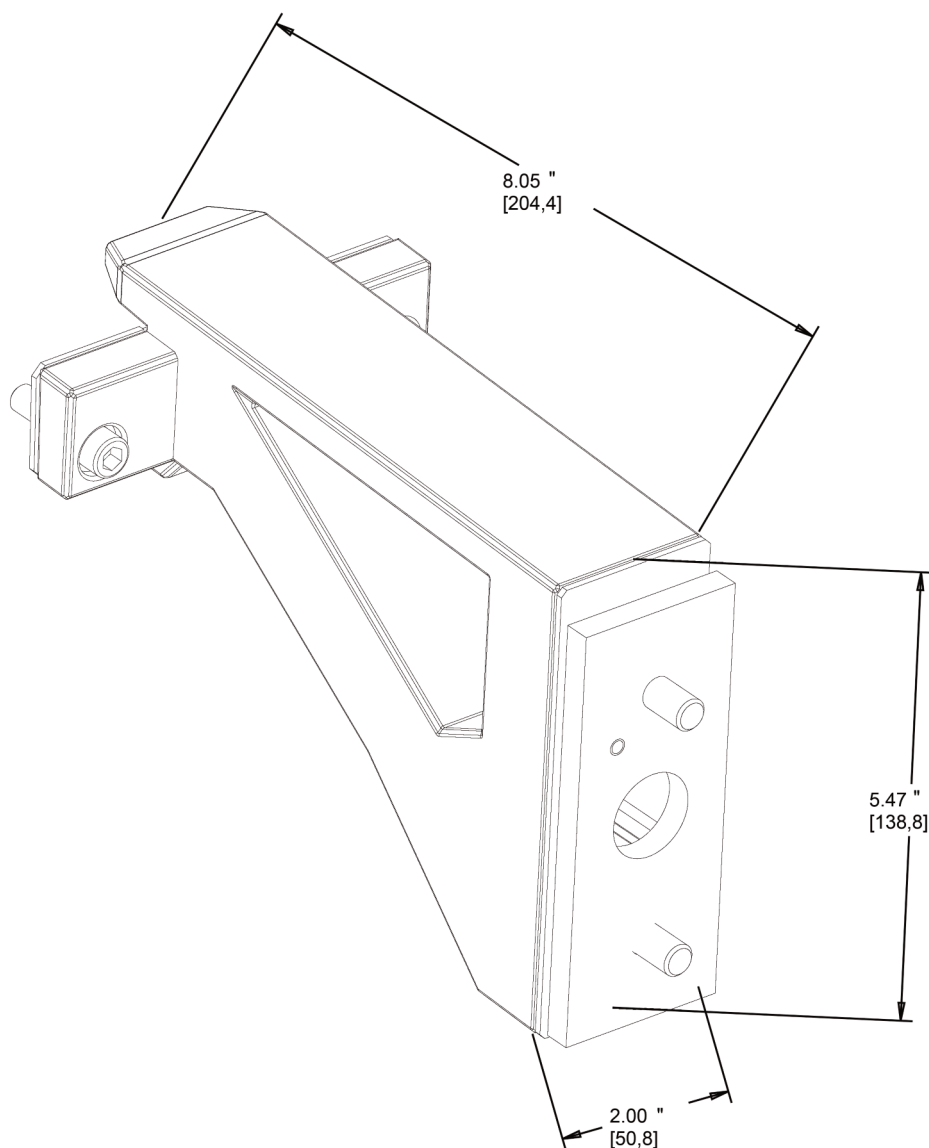
Slipfitter:

- 1.) Secure slipfitter to MPulse Area Light by tightening (2) 5/16-18 internal HEX head bolts with split washers and gasket.
- 2.) Wire the fixture using UL listed water proof wire connectors.
- 3.) Slip slipfitter onto Tenon and secure by tightening set screws with Allen key.
- 4.) Adjust slipfitter to desired angle by adjusting the pivot bolt and rotating arm.



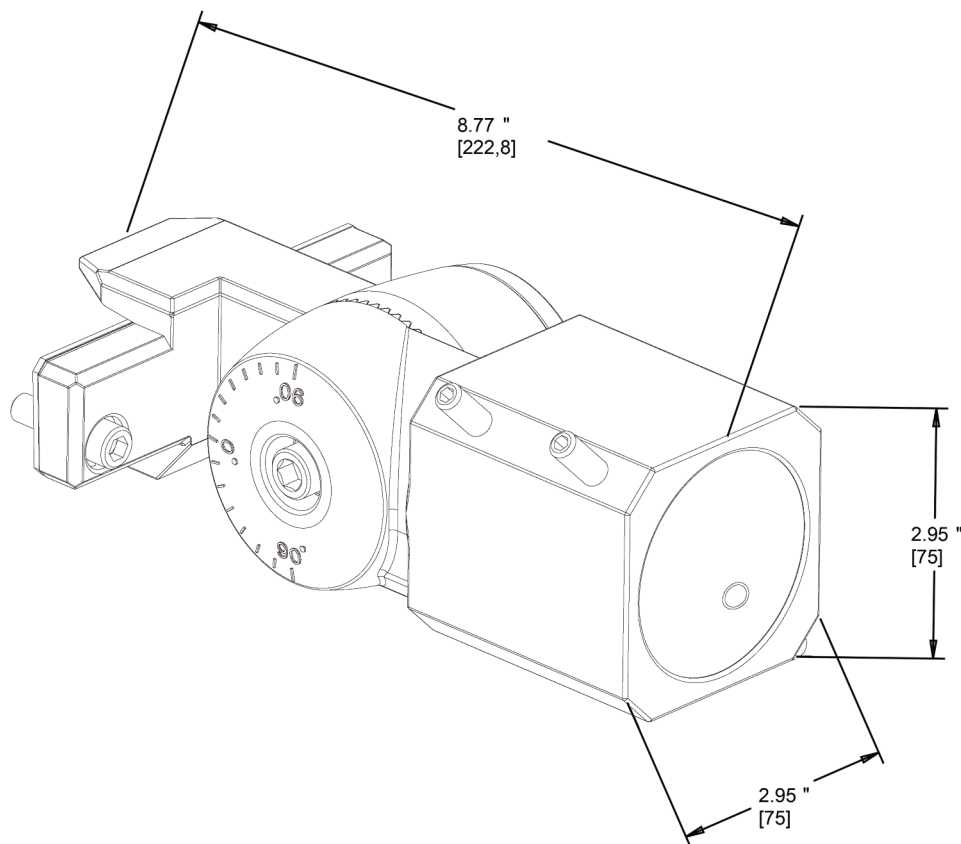
Mounting Engineering Drawings:

Pole Mount:



Mounting Engineering Drawings:

Slipfitter:



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.

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