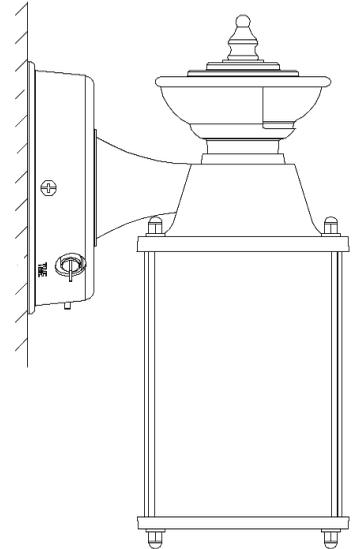


MaxLite® LED Small Ranch Lantern



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 ELECTRICALSHOCK

- 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.
- Don't touch the lamp when in use.
- Always switch off the mains supply. 5-10 minutes later to replace the lamp after the used lamp has cooled down.

Model Numbers:

ML4LE Series

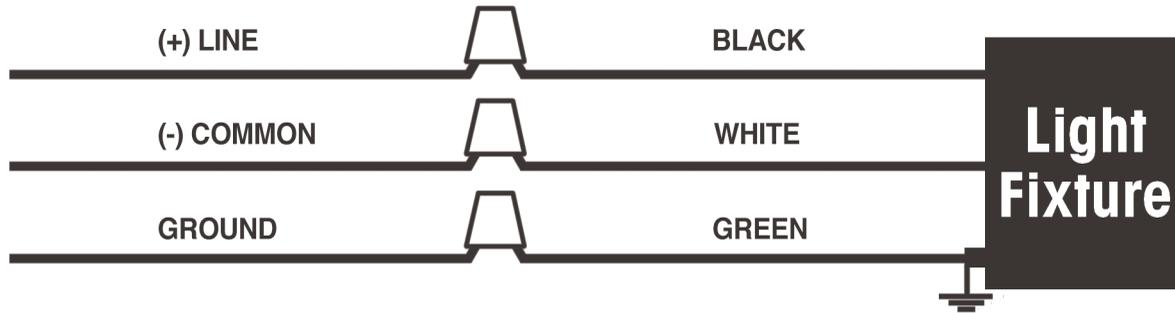
MaxLite® LED Small Ranch Lantern

General Wiring Diagrams

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

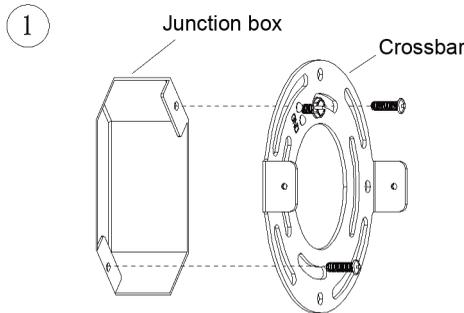
Wiring:

- 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.

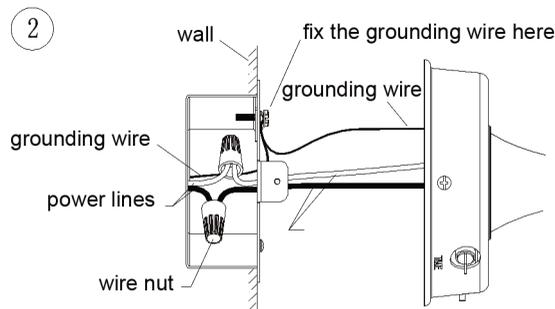


Mounting Instructions

1. Fix the crossbar to the junction box with screws. (See Figure 1)

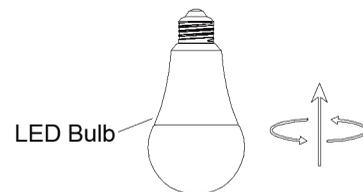
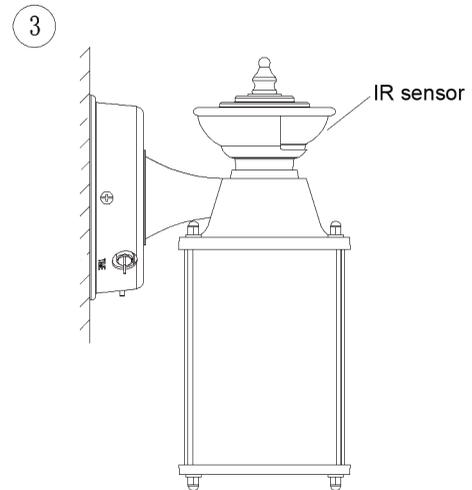


2. Use the wire nuts to connect the white power line to the white power line from the wall. And do the same to the black power line. Connect the grounding wire from the fixture to the grounding wire from the wall. and fix the grounding wire to the green screw. (See Figure 2 or wiring diagram above.)



3. Secure the fixture onto the crossbar with screws.

4. Screw included LED bulb into socket. (See Figure 3)





MaxLite® LED Small Ranch Lantern

Motion Sensor Instructions

Note: Choose a mode by sliding the switch on the bottom of the back plate of the fixture. when power is first applied, the light will turn on immediately. Wait for 20 seconds to allow the sensor to warm up.

TEST MODE (daytime and nighttime operation.)

The light will turn to low-level brightness (50% brightness). The light will turn to high-level brightness (100% brightness) when motion is detected, and stay on as long as the motion continues. The light will revert to low-level brightness about 5 seconds after motion is no longer detected.

AUTO MODE (nighttime operation only; on at dusk, off at dawn)

- At dusk, the light will turn to low-level brightness (50% brightness). The light will turn to high-level brightness (100% brightness) when motion is detected, and stay on as long as the motion continues. When the motion stops, the light will remain on for the predetermined time (5 ~ 300 seconds), and then revert to low-level brightness.
- The light will turn off automatically at dawn.

- During Test Mode, the light will come ON for 5 sec. every time motion is detected. Setting the shut-off delay time only when the light is in the Auto Mode.
- Clean the sensor lens with a soft cloth every 1 or 2 months to prevent losing sensitivity.

D2D MODE (nighttime operation only; on at dusk, off at dawn)

- The light will turn to high-level brightness (100% brightness) at dusk. It will turn off at dawn.

Manual Override Mode (6-hours auto Rest)

- To shift to the manual override mode, set the switch to “AUTO” Mode. Turn the wall switch “OFF” and then turn it “ON” within 2 seconds. The light will remain on for 6 hours. To shift back to the “AUTO” mode, turn the wall switch “OFF” and then turn it “ON” within 2 seconds again. (See Fig.1)
- The light will turn off automatically at dawn

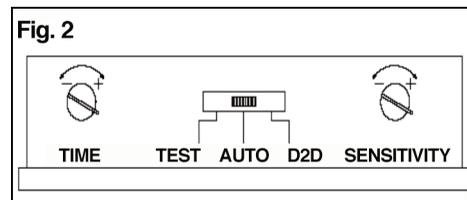
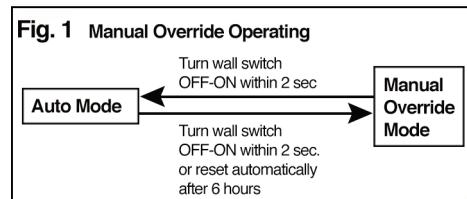
Note: To make sure the above functions operate properly, always keep the wall switch in the “ON” position (including the daytime).

Customization Options

Shut-off Delay

The Shut-off delay is the length of time the light will stay at high level brightness after motion has ceased to be detected. This Shut-off delay can be set when operation is in “AUTO” mode by using the “TIME” knob located on the left side of the panel at the bottom of the back plate (See Fig. 2).

To increase the shut-off delay, turn the knob clockwise. To decrease shut off delay, turn the knob counterclockwise. The delay may be adjusted from a minimum of 5 seconds to a maximum of 5 minutes. The light will stay on as long as motion is detected continuously and will automatically turn to low-level brightness when no more motion is detected after the delay time has passed.



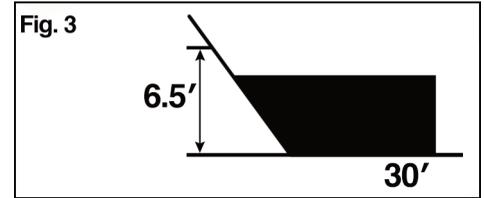


MaxLite® LED Small Ranch Lantern

Motion Sensor Customization Options (Continued)

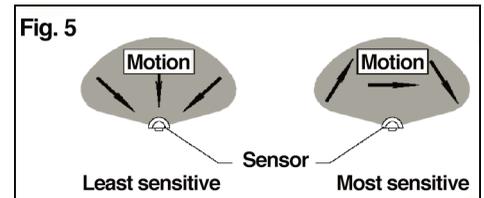
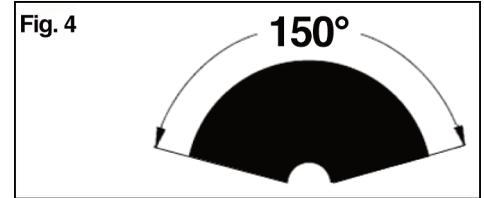
Sensitivity of Motion Sensor

The sensitivity of the motion sensor can be adjusted by using the “SENSITIVITY” knob located on the right side of the panel at the bottom of the back plate (See Fig. 2). To increase sensitivity, turn the knob clockwise. To decrease sensitivity, turn the knob counterclockwise. The sensitivity may be adjusted from a minimum of 5 feet to a maximum of 30 feet.



NOTE:

1. The sensitivity of the motion sensor will increase as the environmental temperature gets cooler. For best performance, gently clean the lens with a soft cloth every 1 or 2 months to maintain maximum sensitivity.
2. For best performance, install fixture at least 6.5 feet above the ground. At such a height, the fixture will provide a detection distance of up to 30 feet at 77 degrees Fahrenheit. (See Fig. 3)
3. The sensor detects motion across a 150 degree range. (See Fig. 4)
4. The sensor will be more sensitive to motion across its detection path than motion directly towards it. (See Fig. 5)
5. To reduce possible nuisances, do not mount the fixture near a heat source like an air conditioner, vent or furnace exhaust, or in a direction facing any reflecting object or other light source.



Troubleshooting:

If the light does not work at all:

1. Make sure the wall switch and circuit breaker are on.
2. Make sure the wiring connection is correct.
3. Cover the sensor with dark color cloth to verify that the ambient light level is not too high.

In TEST Mode, if the light stays on over 5 seconds after motion is no longer detected:

1. Make sure the slide switch is at the TEST position.
2. Cover the sensor with a dark color cloth to verify that motion is not detected.

In AUTO Mode, if the light stays on full brightness after 5 minutes:

1. Make sure no motion could be detected by the sensor.
2. Make sure that mode entry is not in manual override.

In D2D / Manual override Mode, if the light stays on after dawn:

1. Whether the ambient light level is too low.

If the light blinks:

1. Make sure the light is not mounted near a barbecue, air conditioner or other heat source.

MaxLite® LED Small Ranch Lantern



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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