



MaxLite® LED Utility Wrap Fixture

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 ELECTRICALSHOCK

- 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 combustible and other materials that can burn away from luminaire and lamp/lens.
- MIN 90°C SUPPLY CONDUCTORS.

Models: LSU 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.

Connecting panels to AC source supply:
All units must be individually connected to the AC supply. (120-277 VAC)

- Black = Line
- White = Neutral
- Green = Ground

Operating characteristic:

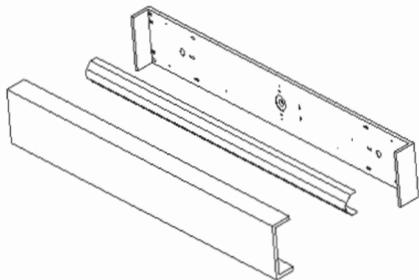
Voltage input: 120-277V 50/60 Hz
Operating temp: -4°F to 104°F

**Consult with dimmer control manufacturer's wiring instructions

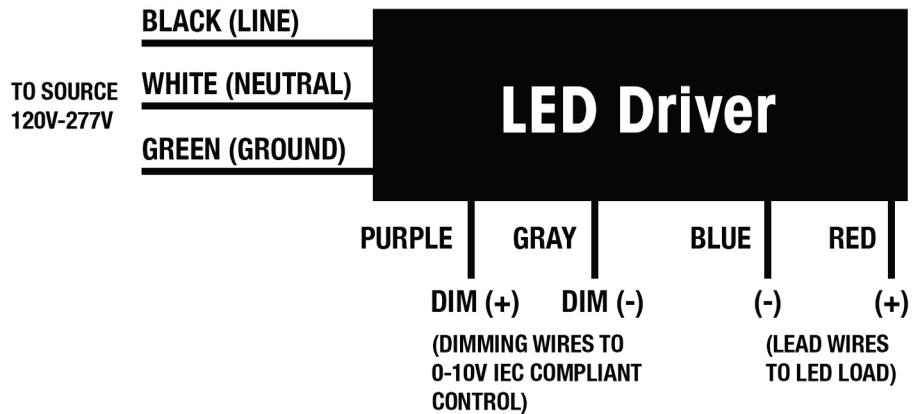
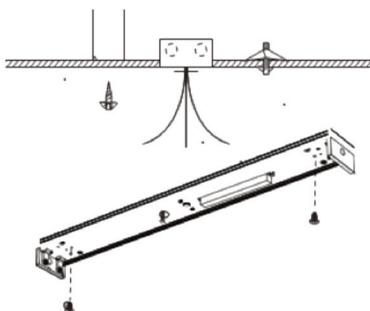
Mounting Instructions

Before installation, ensure if power supply is disconnected. Cables must be connected in accordance to instruction and proper standing rules.

1. Remove lens and wire way cover. Slide lens toward one end while lifting opposite end clear of fixture housing. If not clearing easily, ensure lens has slide past retainer clip inside the end cap.
2. Next squeeze both sides of wire cover until they clear metal tabs and remove cover.



3. Select wiring access point and remove appropriate knockout.
4. Select installation point and locate studs.



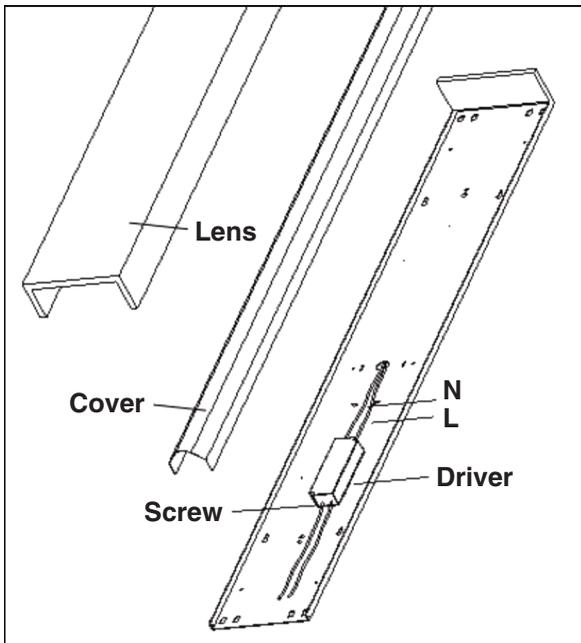


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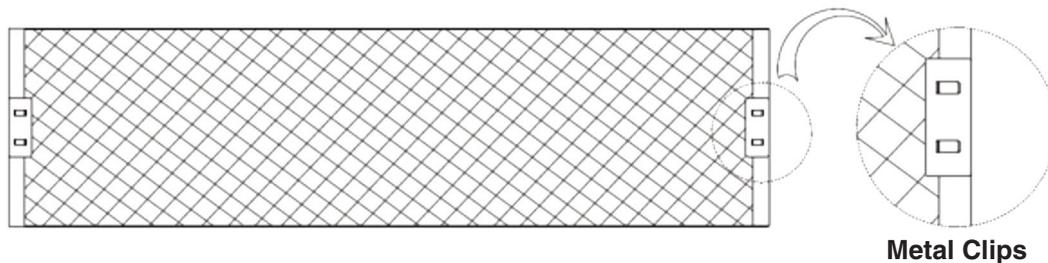
Mounting Instructions

Before installation, ensure if power supply is disconnected. Cables must be connected in accordance to instruction and proper standing rules.

5. For rear access points feed wires through hole.
6. Using 1" mounting screw or 3"x3/16 toggle bolts, secure fixture in place using keyhole slots provided.



7. After making wiring connections, replace wire cover and diffuser into place.
8. Secure lens to housing by inserting clips at both ends of the fixture, as shown in the image below.

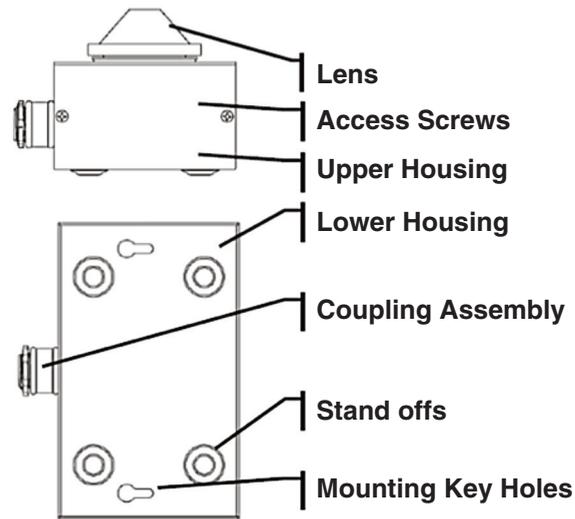
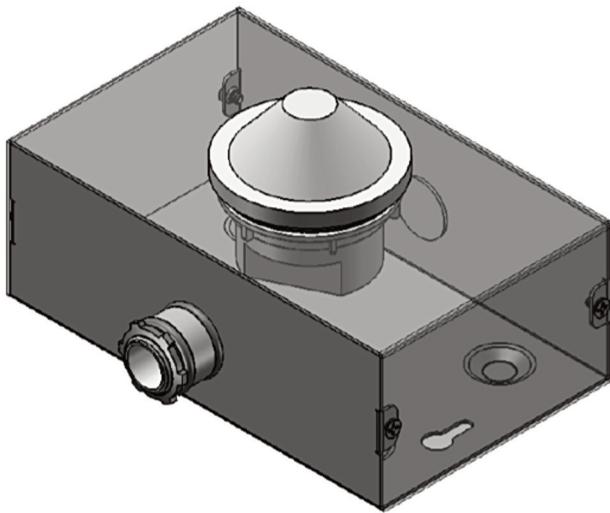


9. Restore power to branch circuit and energize the luminaire.



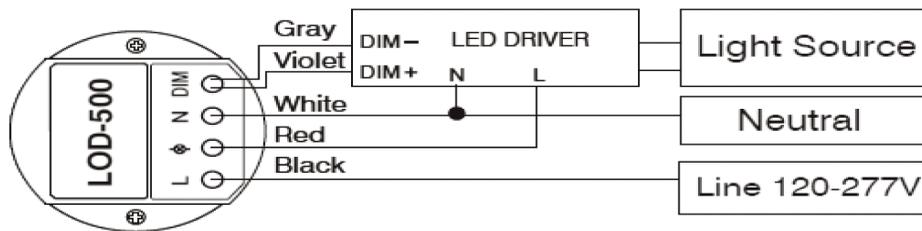
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Optional Motion Sensor

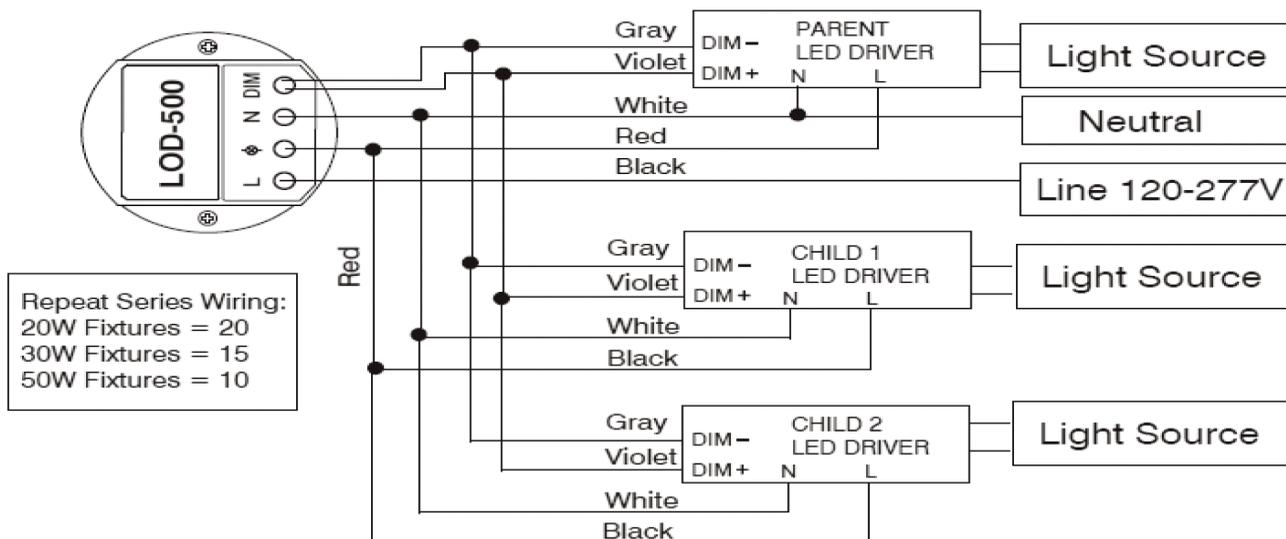


Motion Sensor Option Wiring

WIRING DIAGRAM SINGLE CONFIGURATION



WIRING DIAGRAM MULTIPLE CONFIGURATION





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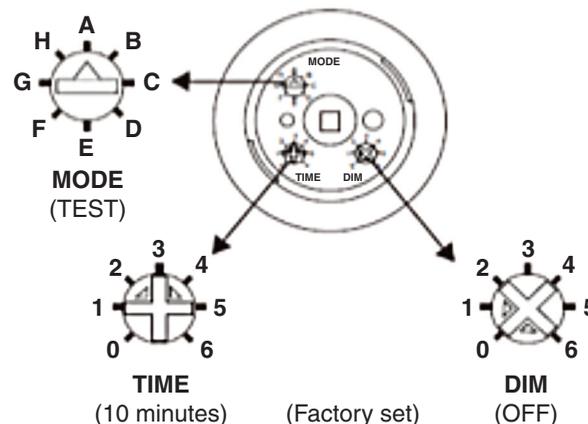
Setting & Adjusting Motion Sensor

To make setting and control adjustments, you will need to access the three rotary DIP controls behind the lens.

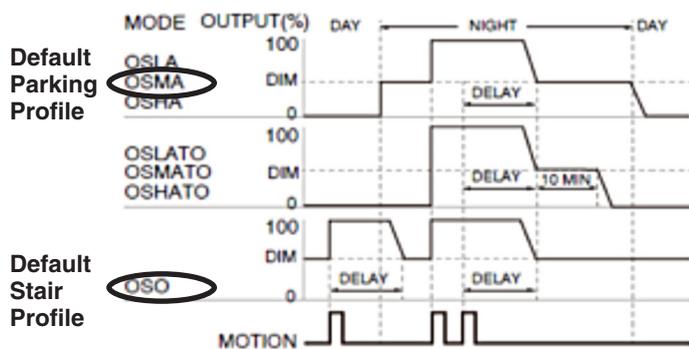
Control Mode

The LOD-500 series features 8 different control modes for selection via rotary DIP switch. Please refer to the following table and sensor operation charts to select the desired control mode.

SW.	A	B	C	D	E	F	G	H
MODE	TEST	OSO	OSLA	OSMA	OSHA	OSLATO	OSMATO	OSHATO



Sensor Operation



Please note, your control is equipped with a quality neoprene seal. This seal does expand over time providing maximum sealing protection possible. If you have any trouble re-installing the lens, a light coating of WD-40 as lubricant, to the seal, will make installing the lens easier. Care should be taken NOT to spray lubricant into the DIP switches.

POS.	0	1	2	3	4	5	6
TIME	1'	3'	5'	10'	15'	20'	30'
DIM	OFF	5%	10%	20%	25%	33%	50%

Delay Time

The LOD-500 series offers 7 different delay time settings via Accu-Set potentiometer. The light will remain ON if sensor detects occupant's movement before the set delay time expires. The Accu-Set potentiometer will provide accurate delay time as the arrowhead pointed.

Dim Level

The LOD-500 series offers 7 different dim level settings via Accu-Set potentiometer. The LED light will be dimmed as the level set when condition of selected control mode applies. The Accu-Set potentiometer will provide accurate dim level as the arrowhead pointed.

Battery Backup Option

Your MaxLite Utility wrap fixture may come equipped with a battery back up power system. Please review all following remarks to prevent any damage or risk while installing or using your fixture:

This Option is covered under UL 1598 and is a factory assembled system. Any field installation will void the factory warranty unless express written authorization is given in advance.

Contains Nickel-Cadmium Rechargeable Battery. Must be recycled or disposed properly.
Output LVLE Compliant

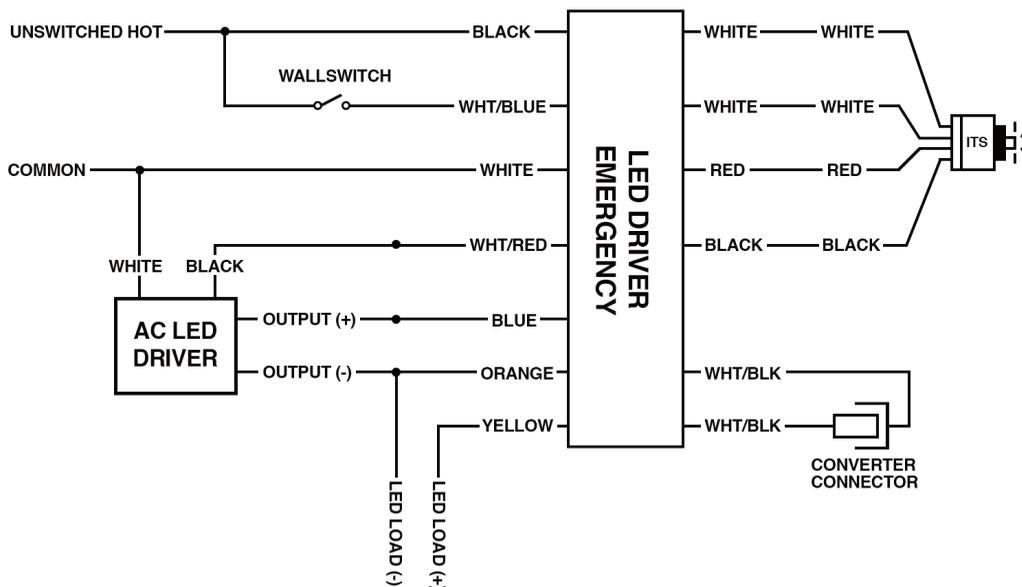


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Battery Backup Option (Continued)

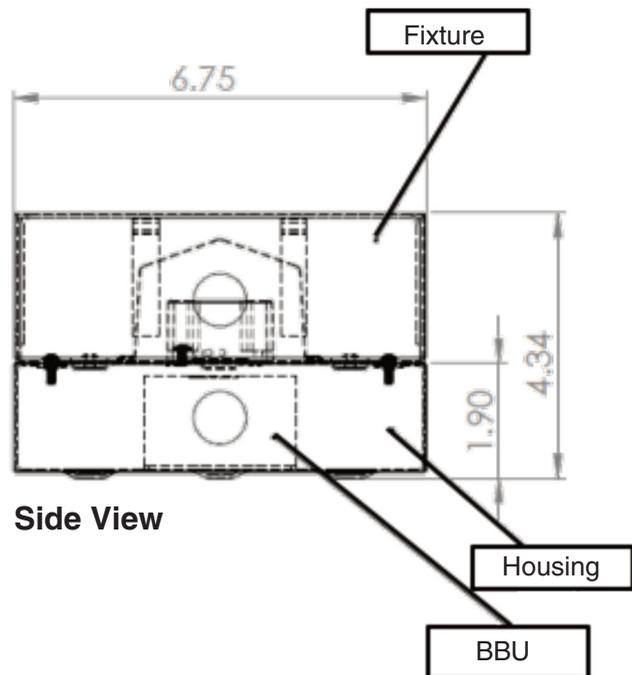
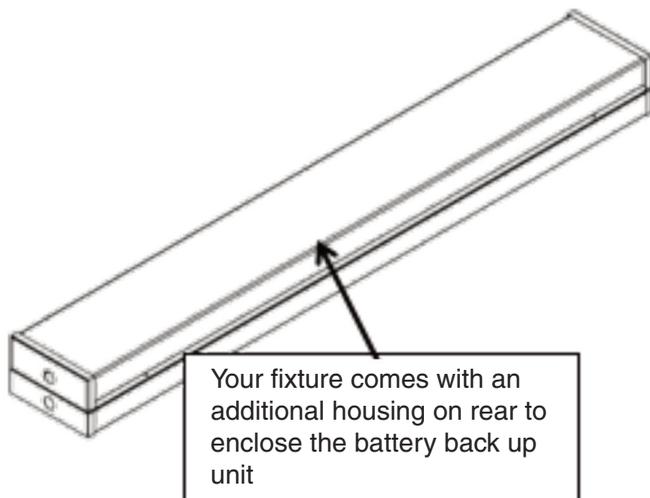
READ AND FOLLOW ALL SAFETY INSTRUCTIONS!

1. To prevent high voltage from being present on yellow & orange output leads prior to installation, converter connector must be open. Do not join converter connector until installation is complete and AC power is supplied to the emergency driver.
2. This product is for use with an emergency LED lighting load and supplies up to 8.4 W of power(measured at nominal battery voltage) at a maximum voltage of 60VDC and in emergency mode for a minimum of 90 minutes.
3. Make sure all connections are in accordance with the National Electrical Code or Canadian Electrical Code and any local regulations.
4. To reduce the risk of electric shock, disconnect both normal and emergency power supplies and convert connector of the emergency driver before servicing.
5. This emergency driver is for factory installation only.
6. This product is suitable for use in damp locations where the ambient temperature is 0°C minimum, +50°C maximum. Product is not suitable for heated air outlets and wet or hazardous locations.
7. An unswitched AC power source is required (120 - 277 VAC, 60 Hz)
8. Do not install near gas or electric heaters.
9. Do not attempt to service the battery. A sealed, no-maintenance battery is used that is not field replaceable. Contact the manufacturer for information on service.
10. The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
11. Do not use this product for other than intended use.
12. Servicing should be performed by qualified service personnel.
13. Only apply to LED Driver which the output current less than 3.0A.
14. Equipment should be mounted in locations and at heights where it will not be subjected to tampering by unauthorized personnel. SAVE THESE INSTRUCTIONS.



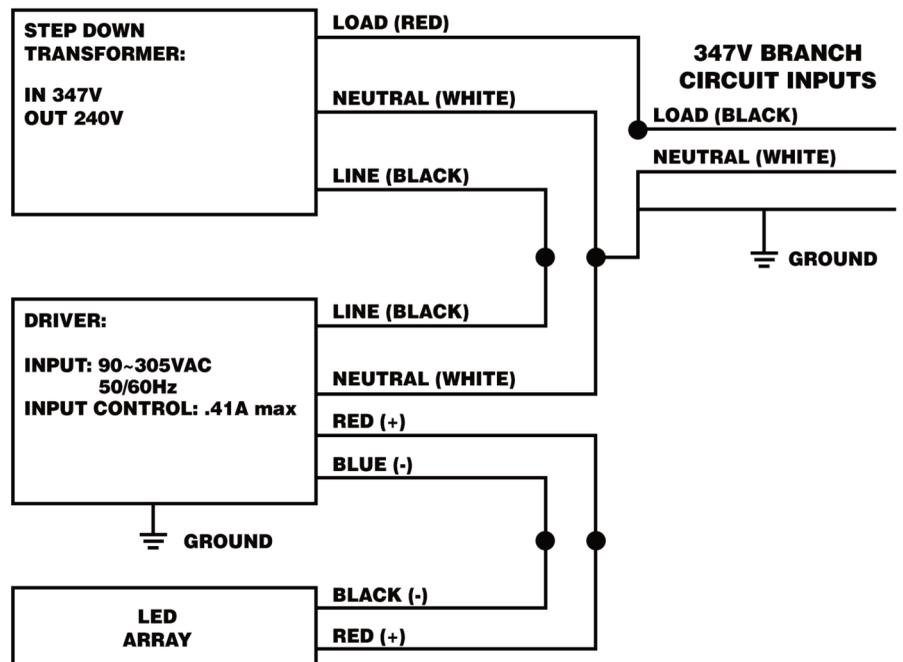
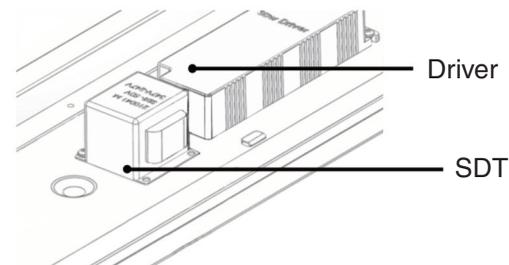
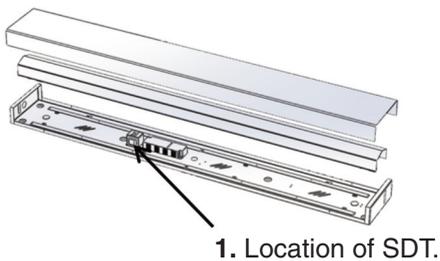


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Step Down Transformer (347V Only)

Note: not suitable for BBU models.



CAUTION: Always disconnect power to luminaire before attaching, removing or servicing. Risk of shock or fire.



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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.