

# MaxLite® LED UTILITY WRAP FIXTURES



## 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.

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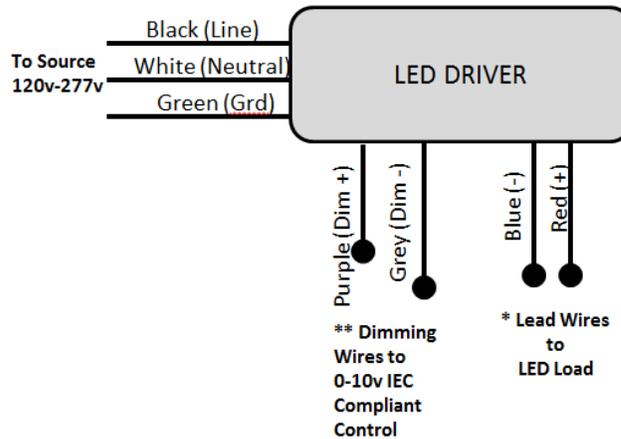
## General Wiring Diagram

**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 104F

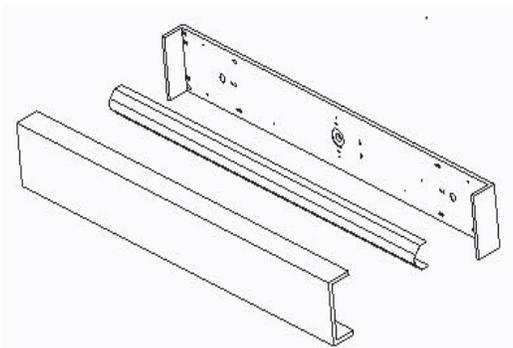
\*\*Consult with dimmer control manufacturer’s wiring instructions and see below for optional wiring configurations

## Mounting Instructions

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

**WARNING:** During installation make sure fixture housing is not over torqued or bent on either side. Fixture must be level if not prismatic lens will not sit properly in fixture housing causing the lens to fall.

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.

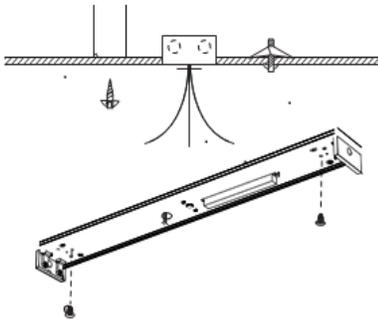


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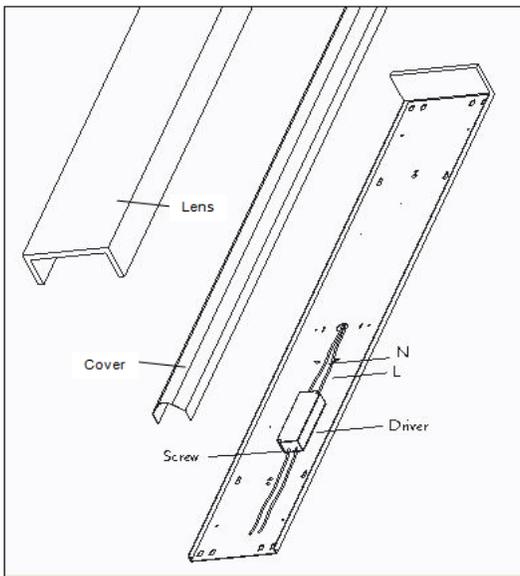


## Mounting Instructions-Cont'd

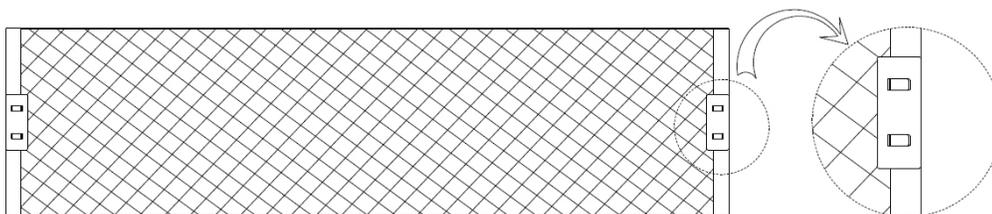
3. Select wiring access point and remove appropriate knockout.
4. Select installation point and locate studs.



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.



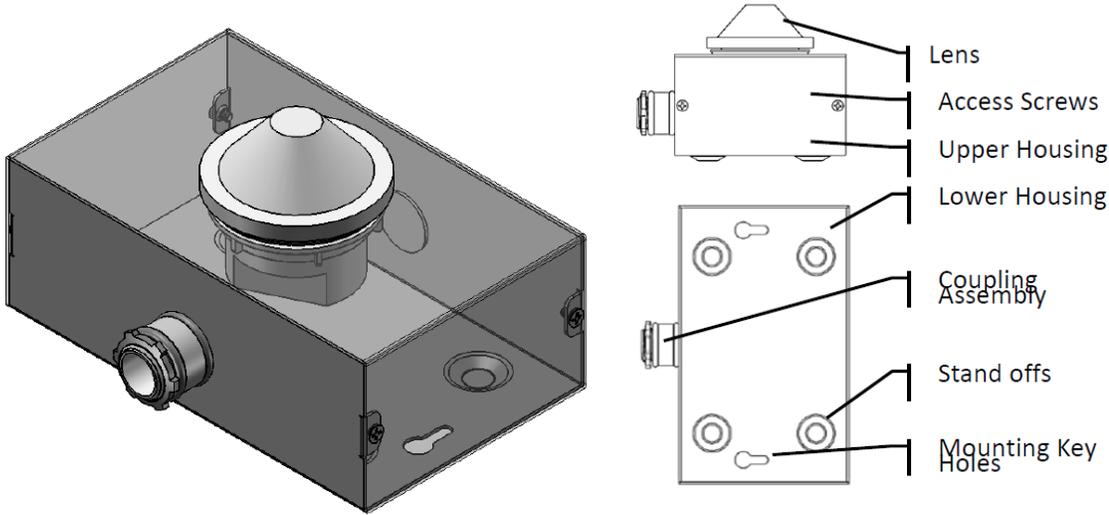
**Metal Clips**

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

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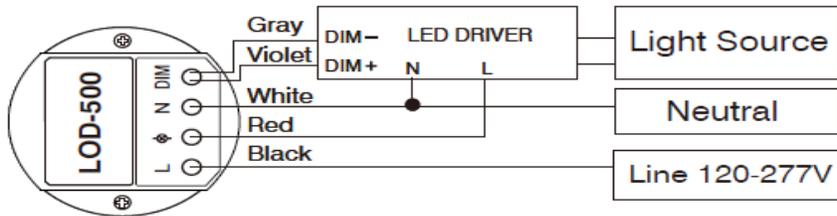


## Optional Motion Sensor

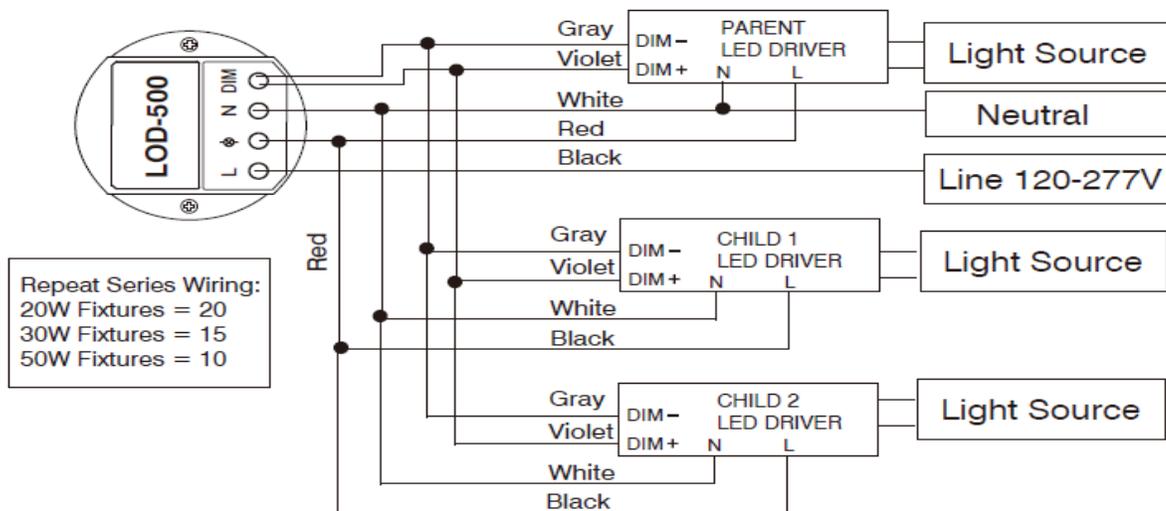


### MOTION SENSOR OPTION WIRING:

#### WIRING DIAGRAM SINGLE CONFIGURATION



#### WIRING DIAGRAM MULTIPLE CONFIGURATION



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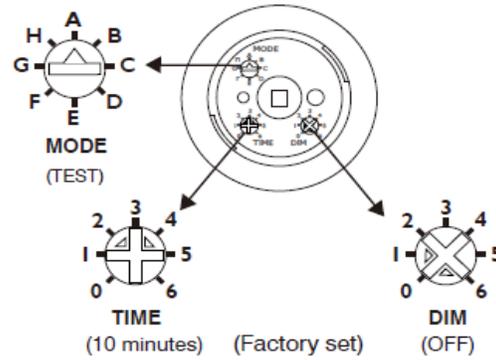
## Setting and adjusting the Motion Sensor

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

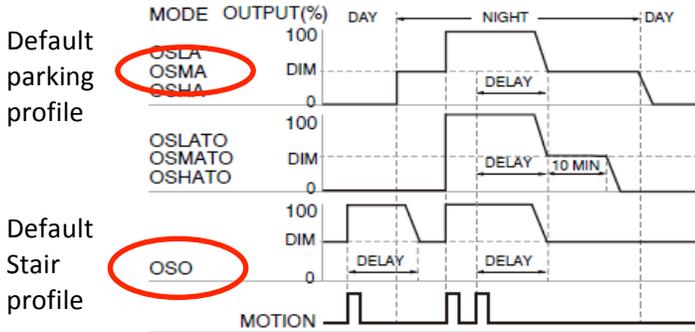
### Control Mode

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



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.

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.

## Battery Back Up 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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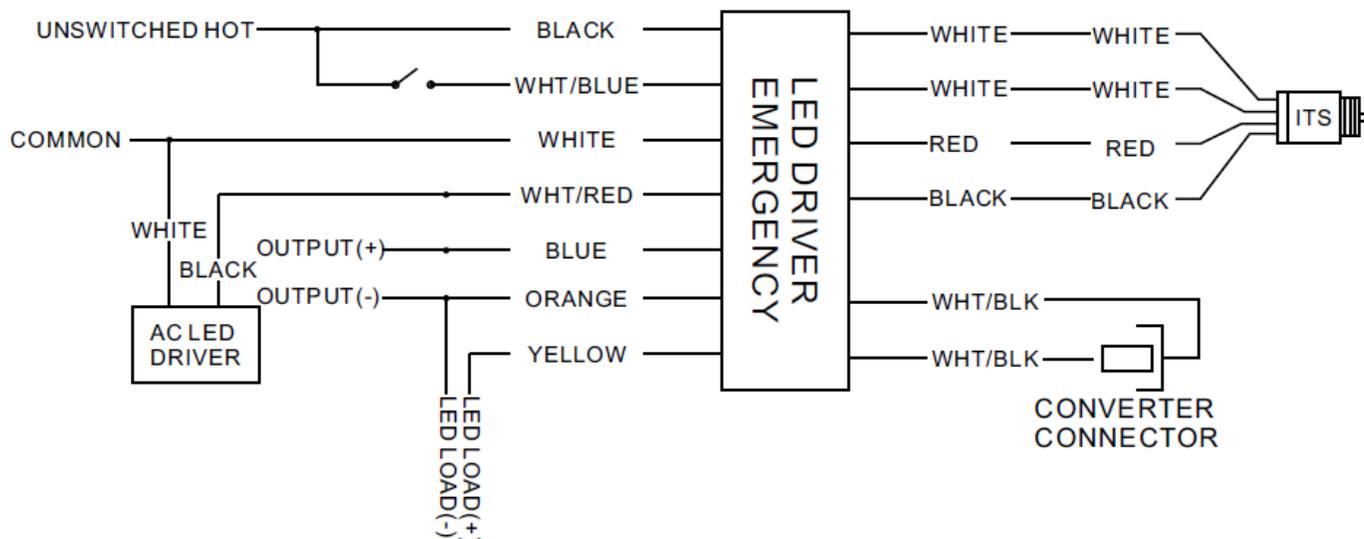


## Battery Back Up Option-Cont'd:

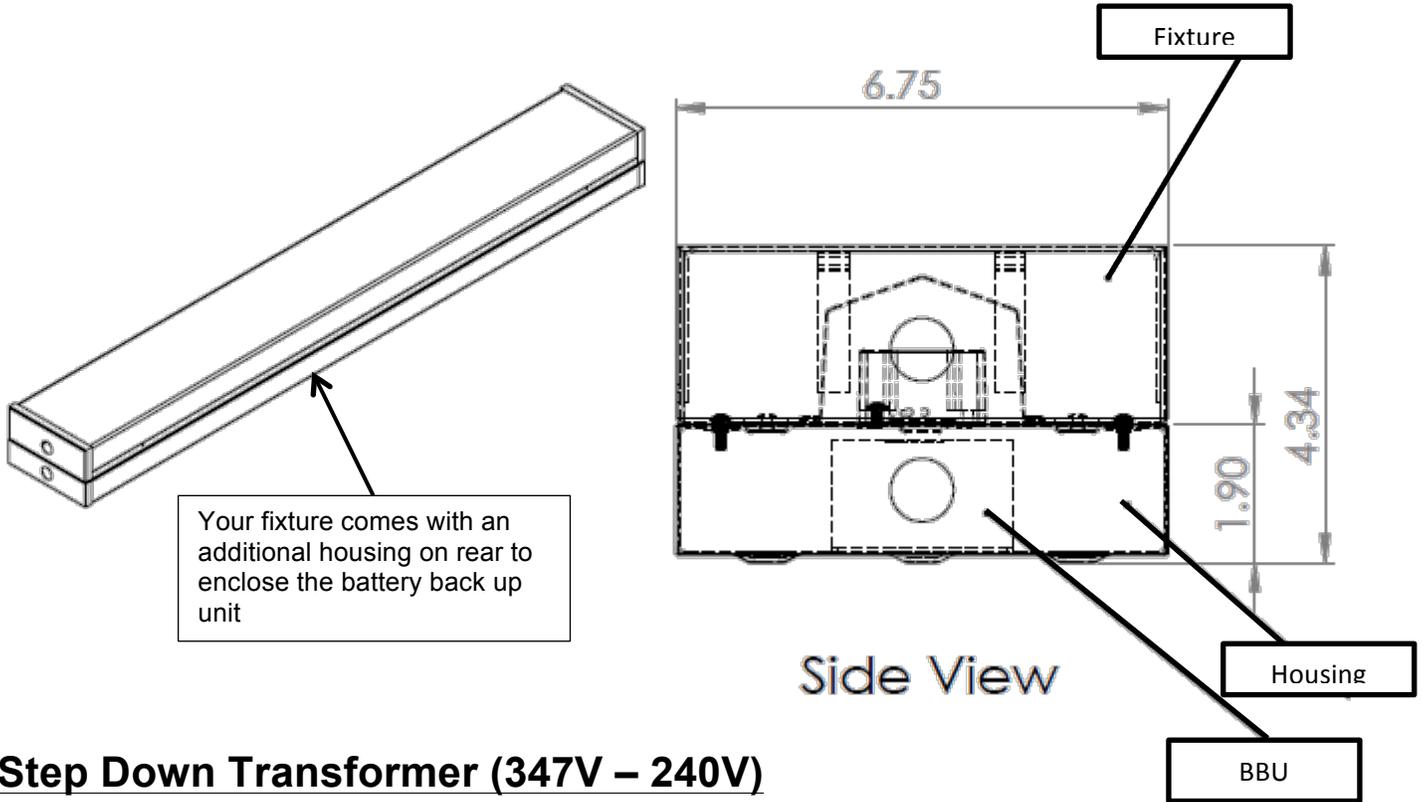
READ AND FOLLOW ALL SAFETY INSTRUCTIONS!

### Installation Instructions

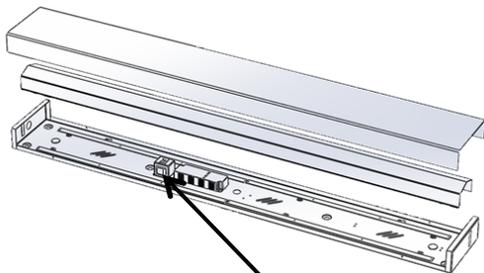
1. To prevent high voltage from being present on yellow & orange output leads prior to installation, converter connector must be open. Do not join converter connector until installation is complete and AC power is supplied to the emergency driver.
2. This product is for use with an emergency LED lighting 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 converter 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.



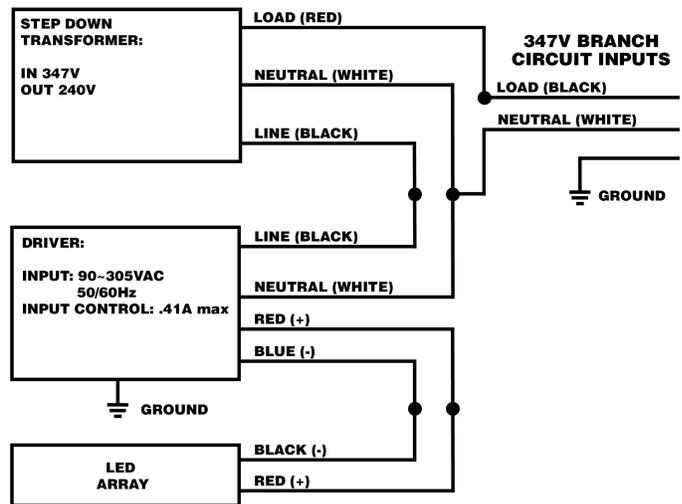
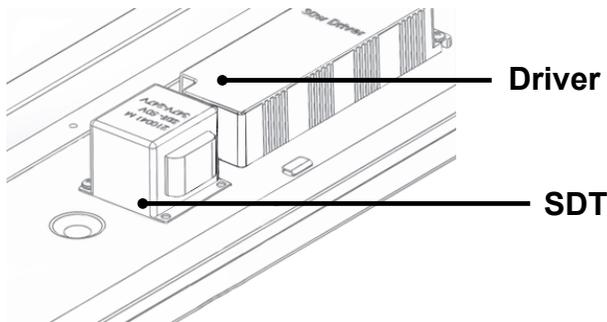
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## Step Down Transformer (347V – 240V)



1. Location of SDT.



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

# MaxLite® LED UTILITY WRAP FIXTURES



## Warranty

LIMITED WARRANTY FOR CERTAIN MAXLITE® LED LIGHTING FIXTURES, SPECIFICALLY LED TROFFERS; TROFFER RETROFITS; PANEL LUMINAIRES; DOWNLIGHTS; HIGH BAY; WRAP AND VAPOR TIGHT; PLUG & PLAY LIGHT BARS; EXIT SIGNS.

This limited warranty is provided by the MaxLite company described below ("Seller") to you as the original purchaser of the LED lighting product that is identified on Seller's invoice reflecting its original purchase (the "Product"). The Seller is the MaxLite Company identified as such on the invoice. This limited warranty may be transferred to subsequent purchasers of the Product, provided that such Product is resold in new condition and in its original packaging. Seller warrants that the Product, when delivered in new condition and in its original packaging, will be free of defects in material and workmanship for a period of FIVE (5) YEARS from the date of original purchase or the number of hours used has not exceeded the L70 life stated for each LED fixture. The determination of whether the Product is defective shall be made by Seller in its sole discretion with consideration given to the overall performance of the Product. A Product shall not be considered defective solely as a result of the failure of individual LED components to emit light if the number of inoperable components is less than 10% of the total number of LED components in the Product.

If Seller determines the Product is defective, Seller will elect, in its sole discretion, to refund you the purchase price of the Product, repair the Product or replace the Product. This limited warranty does not apply to loss or damage to the Product caused by: negligence; abuse; misuse; mishandling; improper installation, storage or maintenance; damage due to fire or acts of God; vandalism; civil disturbances; power surges; improper power supply; electrical current fluctuations; corrosive environment installations; induced vibration; harmonic oscillation or resonance associated with movement of air currents around the Product; alteration; accident; failure to follow installation, operating, maintenance or environmental instructions prescribed by Seller or applicable electrical codes; or improper service of the Product performed by someone other than Seller or its authorized service provider. This limited warranty excludes field labor and service charges related to the repair or replacement of the Product. THIS LIMITED WARRANTY IS VOID IF THE PRODUCT IS NOT USED FOR THE PURPOSE FOR WHICH IT IS DESIGNED.

Seller reserves the right to utilize new, reconditioned, refurbished, repaired or remanufactured products or parts in the warranty repair or replacement process. Such products and parts will be comparable in function and performance to an original product or part, as determined by Seller in its sole discretion, and warranted for the remainder of the original warranty period.

In order to make a warranty claim, you must notify Seller in writing within sixty (60) days after your discovery of the defect, provide proof of purchase such as the invoice and comply with Seller's other warranty requirements. Upon receiving that notice, Seller may require you to promptly return the Product to Seller, or its authorized service provider, freight prepaid. Your warranty claim should be addressed to MaxLite, Inc., 12 York Ave. West Caldwell NJ 07006.

This limited warranty only applies to specified LED fixtures. Backup batteries, photocells and other fixture accessories can be found at [www.MaxLite.com/lighting/products/warranty](http://www.MaxLite.com/lighting/products/warranty).

THE FOREGOING WARRANTY PROVISIONS ARE EXCLUSIVE AND ARE GIVEN AND ACCEPTED IN LIEU OF ANY AND ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTY AGAINST INFRINGEMENT AND ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

IN NO EVENT SHALL SELLER BE LIABLE FOR INCIDENTAL, COMPENSATORY, CONSEQUENTIAL, INDIRECT, SPECIAL OR OTHER DAMAGES. SELLER'S AGGREGATE LIABILITY WITH RESPECT TO A DEFECTIVE PRODUCT SHALL IN ANY EVENT BE LIMITED TO THE MONIES PAID TO SELLER FOR THAT DEFECTIVE PRODUCT.

This warranty is effective for purchases of Product on or after the effective date set forth below. Seller reserves the right to modify this warranty from time to time. Any modification of this warranty shall be effective for all orders placed with Seller on or after the effective date of such revised warranty.

Effective Date: June 13, 2014