



MaxLite LS2-8U65WCSCR LS2 Series Linear Strip Instruction Manual

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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.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
- DO NOT INSTALL DAMAGED PRODUCT!
- Suitable for Dry or Damp location

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 combustible and other materials that can burn away from luminaire and lamp/lens.

NOTE: Green ground screw provided in proper location. Do not relocate.

NOTE: Minimum 90° supply conductors.

NOTE: Specifications and dimensions subject to change without notice.

NOTE: Suitable for Dry or Damp location.

Models:

This instruction manual applies to the LS2 Series

Included in the box:

- LS2 Linear Strip Fixture
- Mounting Brackets
- V-Hooks
- Drywall anchor and screw
- Instructions

Setting Wattage & Color Temperature

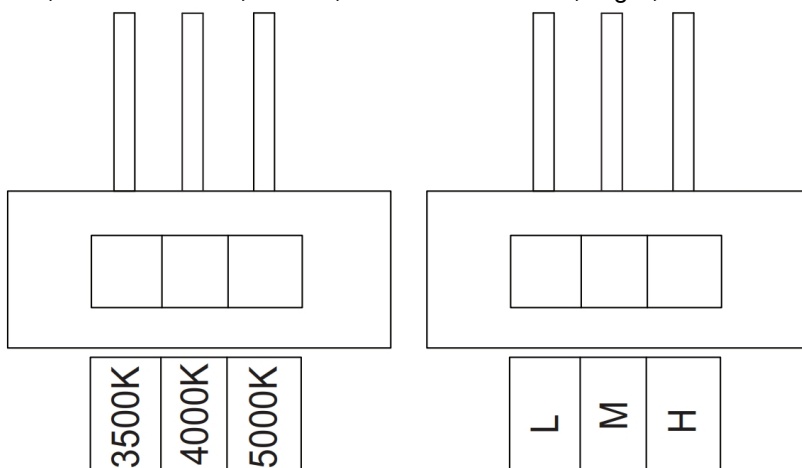
Note: Applicable to models ending in WCS only. Models are set to lowest wattage and 4000K.

Color settings:

Left, stands for 3500K; Middle, stands for 4000K; Right, stands for 5000K;

Wattage settings:

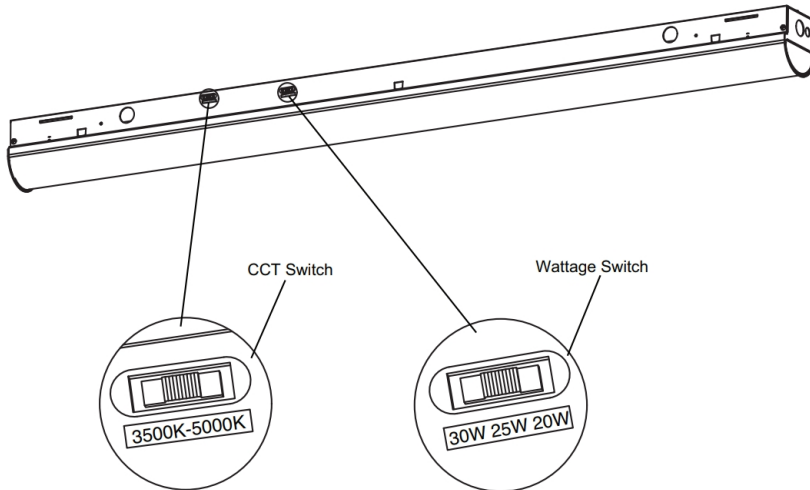
Left, stands for Low; Middle, stands for Medium; Right, stands for High;



Adjust the color temperature and lumen output using the two DIP switches. Each DIP switch has 3 options (left, middle and right), corresponding to 3 color temperatures and wattages. Use these switches to set desired color temperature and lumen output combination.

Factory Settings: 4000K, lowest wattage based on fixture.

1. DIP switches are located on the side of fixture.
2. Select a wattage and color temperature by sliding switch left or right respectively to the desired value.



General Wiring Diagram

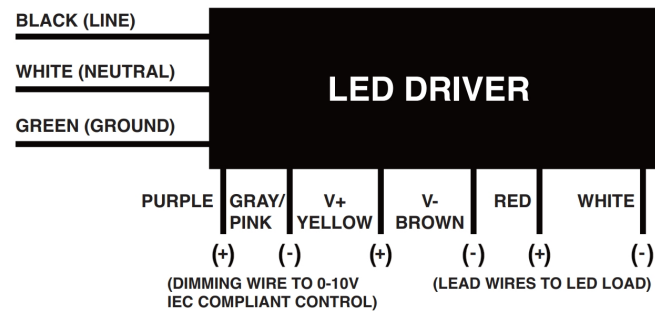
CAUTION: Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.

Input Rating: 120-277V 50/60 Hz

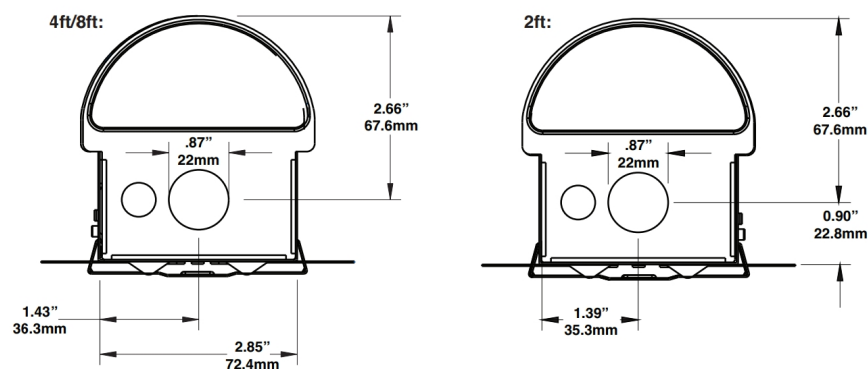
Black = Line

White = Neutral

Green = Ground

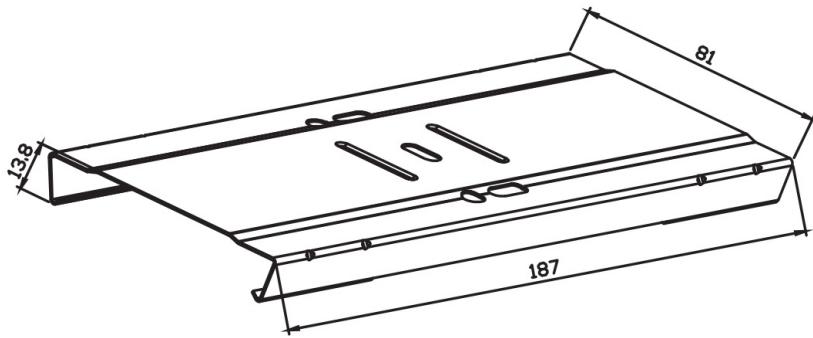


Knockout Diagrams

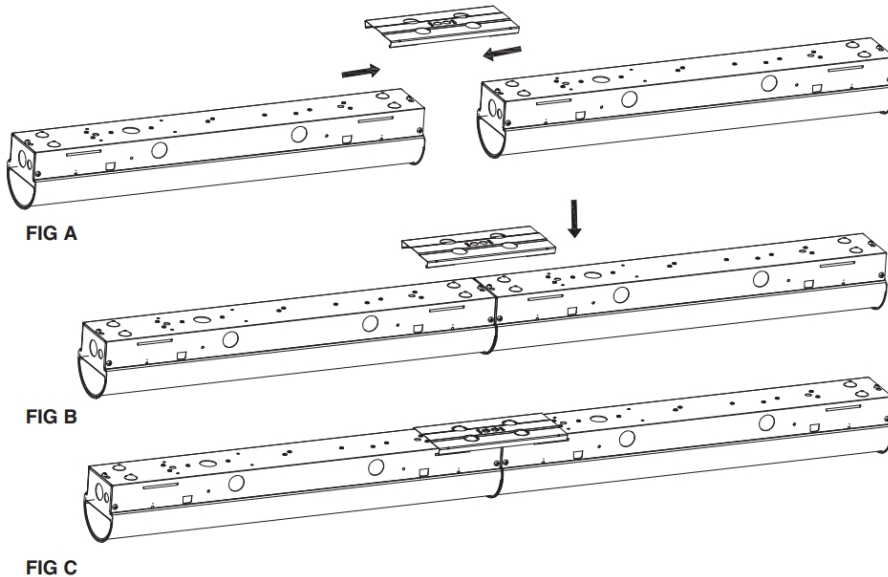


Linkable Plate Kit (Sold Separately)

Model #: LS2-PLATEKIT

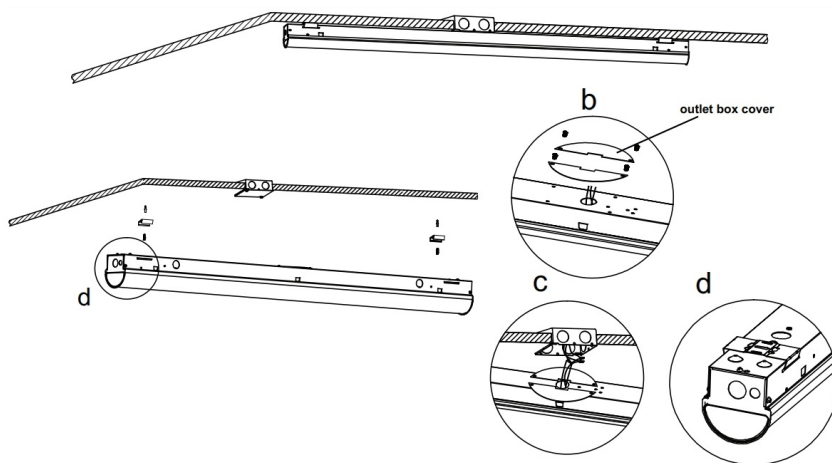


1. Position both fixtures so that knockouts are aligned. Pass the wire harness through the knockouts from one fixture to the next. **(Fig A).**
2. Once the fixtures are aligned, press the plate down. **(Fig B).**
3. Snap the plate to the notches on the side of the fixture to secure them together. **(Fig C).**



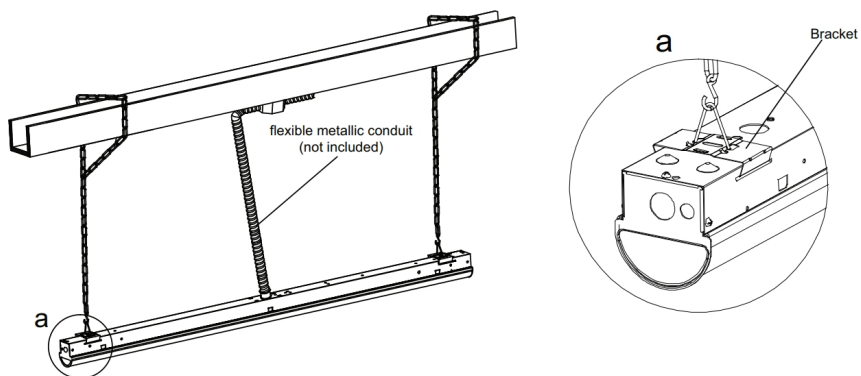
Surface Mount Installation Instructions

1. Secure the provided brackets onto the ceiling by using the provided accessories and screws.
2. Screw the covers at the outlet on the back of the housing. **(Figure B)**
3. Wire to main power through the junction box **(Figure C)**
4. Clip the brackets to the slots on the fixture **(Figure D)**



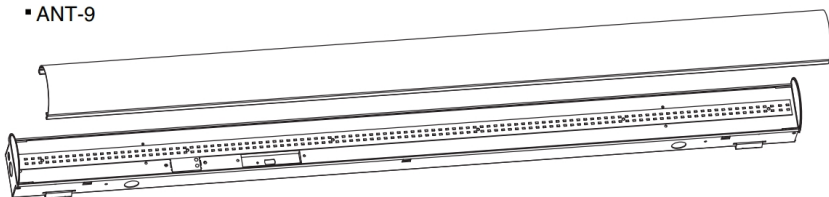
Chain Mounting Installation Instructions

1. Clip the brackets on to the slots of the fixture.
2. Attach V-Hooks to brackets.
3. Attach customer supplied chain to the V-hooks and mounting surface.

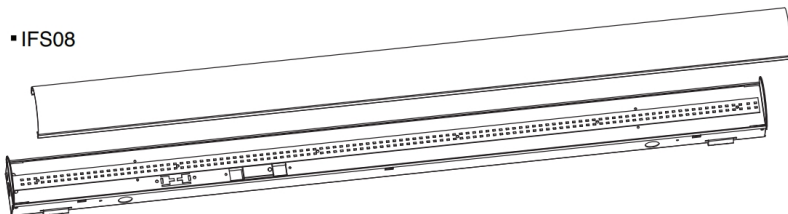


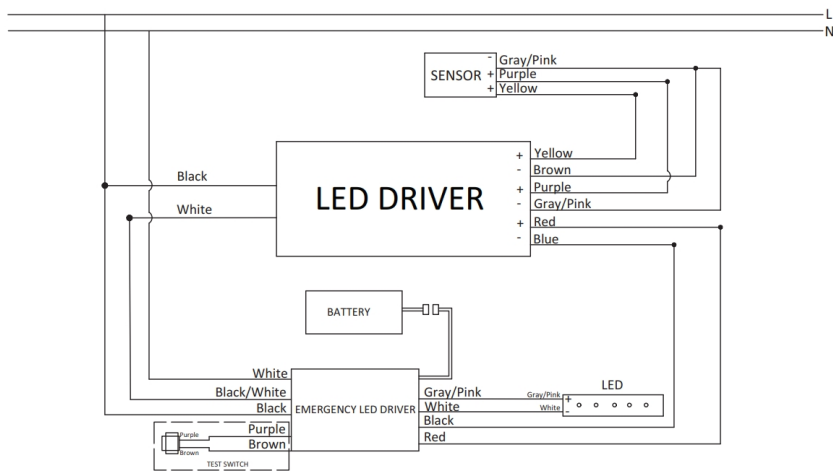
Motion Sensor Model Install Instructions (Additional Accessory)

▪ ANT-9



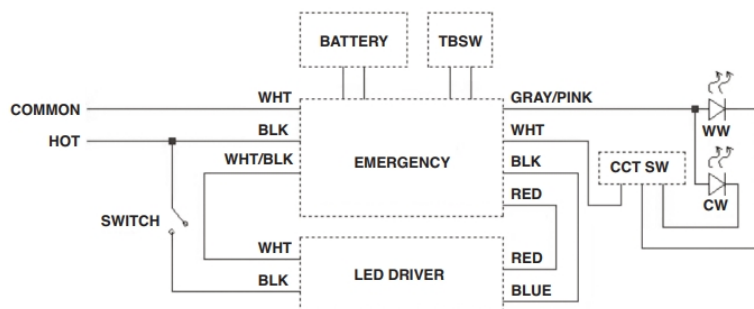
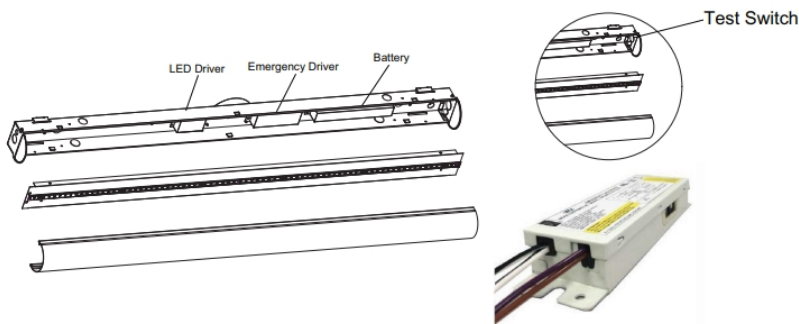
▪ IFS08





Emergency Battery Back-up Model Install Instructions (Additional Accessory)

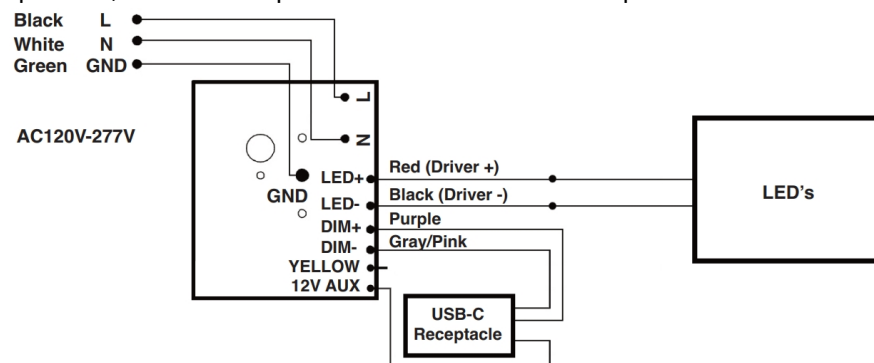
Split Emergency Battery Back-up:



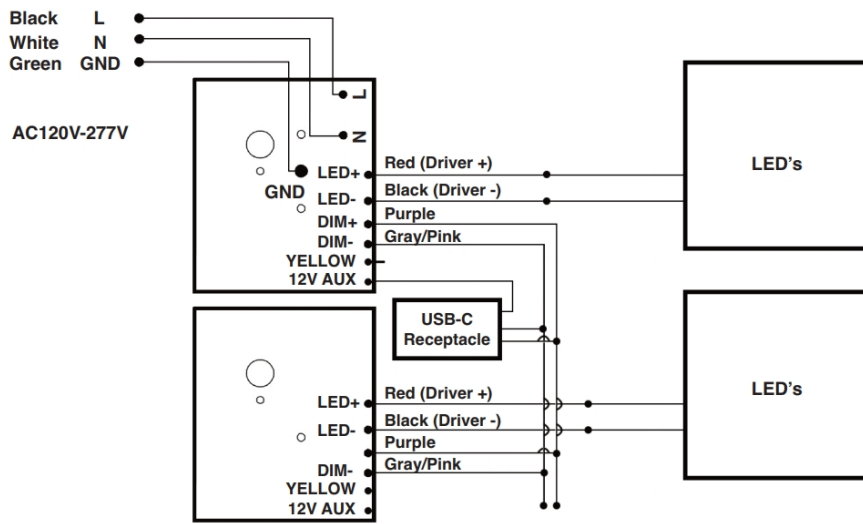
Controls Ready (CR) Model Standard Wiring Diagram

⚠ Warning

Risk of fire or electric shock, installation requires knowledge of the lighting luminaires electrical systems. If not qualified, do not attempt installation and contact a qualified electrician.



Controls Ready (CR) Model Daisy-Chained Wiring Diagram



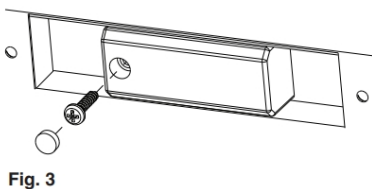
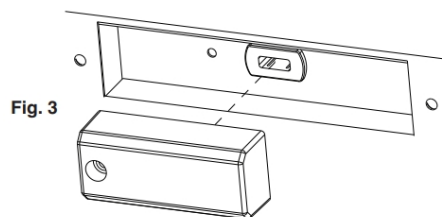
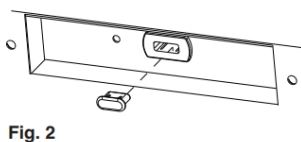
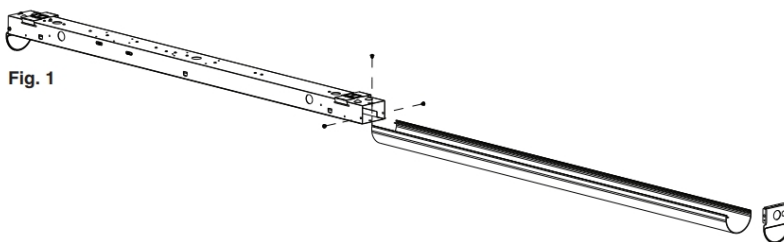
- Remove Dim+ and Dim- from the USB-C receptacle from the Child Fixtures to connect to the Dim+, Dim- of the parent fixture.
- The USB-C receptacle will no longer function on the Child-Fixtures.
- No more than 8 fixtures total when daisy chaining.

c-Max™ node Installation Instructions (Applicable only on CR models)

1. Remove the three (3) screws on one of the two endcaps. Remove the endcap and slide the lens out to access the USB-C receptacle next to the LED board (**see Fig. 1**).
2. Remove the silicone plug from the USB-C receptacle (**see Fig. 2**).
3. Plug the c-Max™ node into the USB-C receptacle via the USB connection (**see Fig. 3**).
4. Secure the c-Max™ node in place by fastening the included M3 button head screw with a Hex (Allen) key (not included). Once the screw is secured, cover it with the included silicone cap (**see Fig. 4 – drawing for illustration only, actual screw may look different.**)

Note: In motion sensor models, the USB-C receptacle if present would no longer be functional.

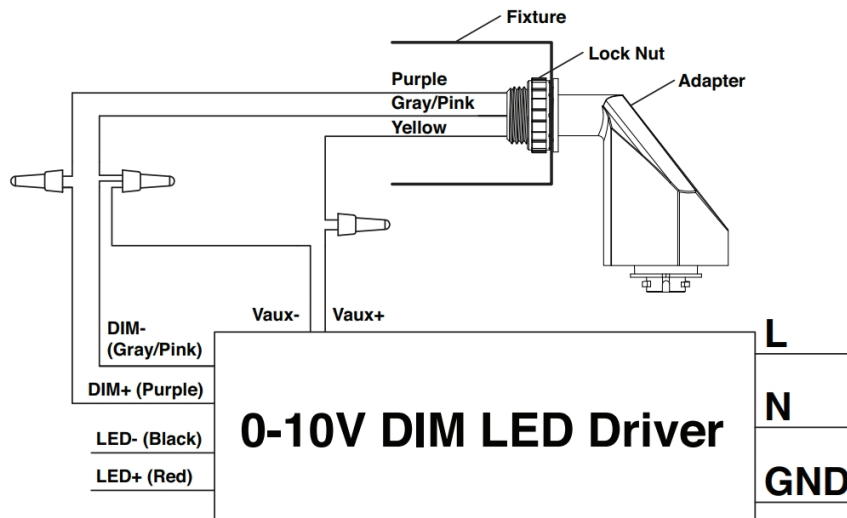
Note: For samples including a hex screw, please use a M2 allen key or equivalent.



CEA-RDW Adapter Installation Instructions

General Wiring Diagram

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



1. Remove the lens and the LED board to expose the LED driver. Knock away the knockout hole on one of the end-caps.
2. Run the wires from the adapter through the knock out hole of the fixture and attach the adapter using the locking nut. Ensure that the adapter is facing downwards after the fixture is installed.
3. Connect the wires according to the wiring diagram. Re-attach the LED board and the lens to the fixture.

Warranty Information

10-Year standard warranty with labor allowance* (see terms at www.maxlite.com/warranties)

*Warranty Limitations: Product must be rated for application per the Product Data Sheet (PDS); operated ≤16 hrs; in ambient temperatures -4°F to 77°F.

*Up to \$25/unit; registration required. Additional coverage may be available for purchase; contact MaxLite.

*Excludes EM/MS versions; component warranty applies.

*If ambient temperatures fall outside the -4°F to 77°F range; product is warrantied for 5 years according to the operating temperature range specified on the PDS.

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.

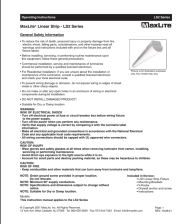
This Limited Warranty gives you specific legal rights and you may also have other rights that may vary from state to state. Because some states or jurisdictions do not allow the exclusion or limitation of liability for consequential or incidental damages, this limitation may not apply to you.

Support

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Documents / Resources

	<p>MaxLite LS2-8U65WCSCR LS2 Series Linear Strip [pdf] Instruction Manual LS2-8U65WCSCR, LS2 Series, Linear Strip, LS2-8U65WCSCR LS2 Series Linear Strip, LS2 Series Linear Strip, Strip</p>
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References

- [Warranties](#)