

MaxLite® Polygon Linear LED Light



General Safety Information

For Contractors:

WARNING:

- Light fixtures should only be installed by qualified electricians.
- Be sure to use proper mounting method and hardware rated for the weight of the light fixture.
- Improper installation may lead to personal injury and property damage from falling fixtures, fire, or electric shock.
- Make sure that all electric power cables are connected properly.
- Poor electric connection may cause fire from excessive heat generation.
- All electric equipment should be properly grounded according to local codes and standards.

CAUTION:

- When installing multiple light in an area, be sure to maintain proper distance between each light fixture.
- Use proper safety equipment such as insulated gloves when installing/removing, connecting/disconnecting light fixtures.

For Users:

WARNING:

- Installing electrical light fixtures by unqualified person is prohibited by law.
- Light fixtures should only be installed by qualified electricians.
- Do not add or remove parts, or make any other alterations to the fixture, as this may cause fire and electric shock.
- Avoid installing fixtures in damp or wet locations, which may cause short circuit, electric shock, and fire.
- Do not put any metal or flammable objects through any gaps or openings in the fixture.
- If any abnormality such as smoke or burning smell is detected, turn off the electric power immediately and contact an electrician for repair.

Do not operate this or any other light fixture outside +/-5% range of the rated voltage. This product is for indoor use only. Outdoor usage may cause electric shock or fire.

Input Voltage: AC120V-277V

Operating Temperature: -4°F - 104°F



Picture is for illustration purposes only.
Your model may vary.

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Please read this manual before installing and using this product.

Product images in this manual may be different from actual product due to quality improvements.

This product is a high-tech electronic lighting equipment which uses Light Emitting Diodes (LED) as light source.

Its compact design is optimized through optical engineering, and produced to high quality standards with rigorous inspection procedures.

Specification

Model Number	Wattage	Dimenions (L x W x H)	Voltage	CCT
LSP4805UU40DV Series	40W	46.3 x 4.9 x 1.8	100-277V 50/60 Hz	3500/5000K
LSP9605UU55DV Series	55W	92.7 x 4.9 x 1.8	100-277V 50/60 Hz	3500/5000K
LSP9605UU80DV Series	80W	92.7 x 4.9 x 1.8	100-277V 50/60 Hz	3500/5000K

※ This product was developed for climate controlled areas, and any exposure to extreme weather conditions can result in condensation.

Included Parts Depending on Mounting Type

A. Surface Mounting Type	B. Pendant Type
Product main body – 1ea	
Installation/User Manual – 1 ea	
Mounting Bracket – 1 piece (attached to product), Screws – 4pcs(bracket screws: 2, fixture screws:2) Lock washer - 1 piece	—

CAUTION:

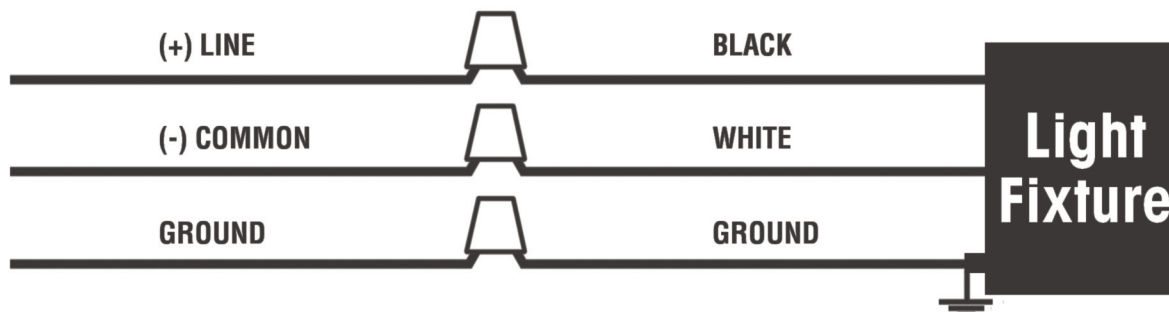
- When installing light fixtures, to avoid the trip of ground fault circuit interrupter, less than 30 of light fixtures are allowed to be installed for one circuit interrupter.
- Unstable installation and mounting may cause the fall of light fixture, fire, and electric shock.
- Connect the AC cable to the AC connector securely. Unstable connection may cause heat generation and fire by poor insulation.
- Turn off the power switch before starting installation of light fixture.

General Wiring Diagram

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.



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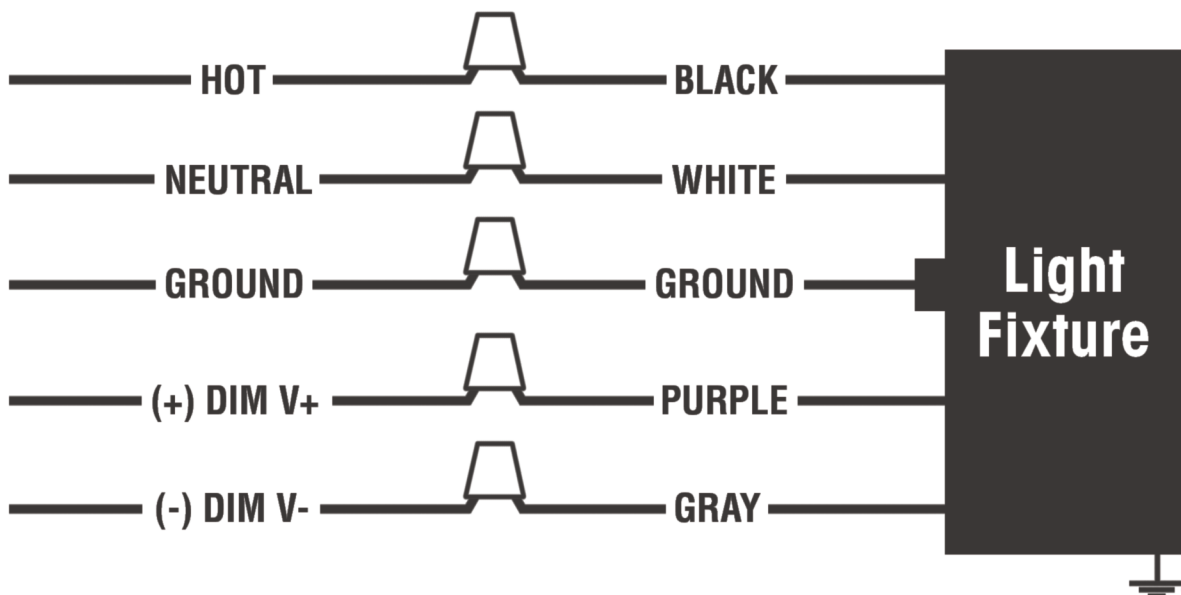


0-10V Dimmable Wiring Diagram

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

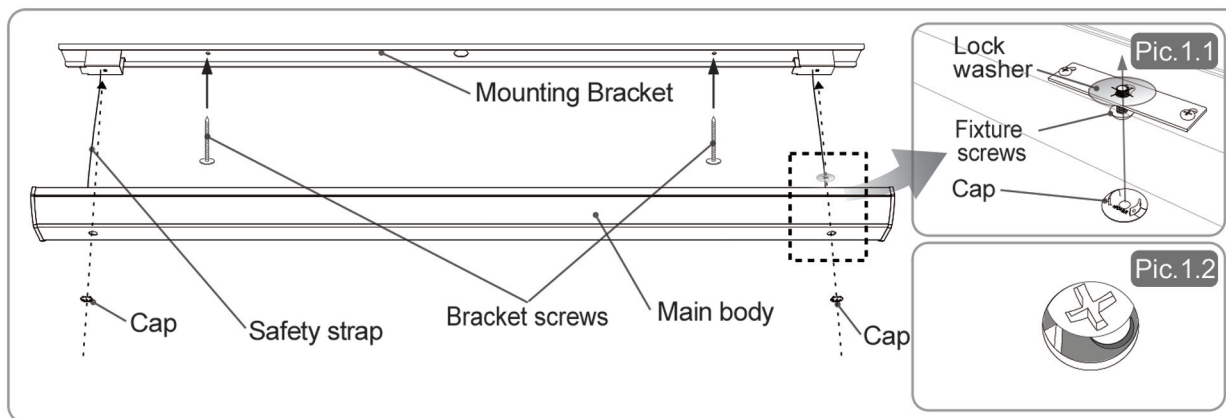
0-10V Dimmable Wiring:

- 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.
- 6.) Cap yellow 12v lead.



Installation

A. Surface Mounting Type



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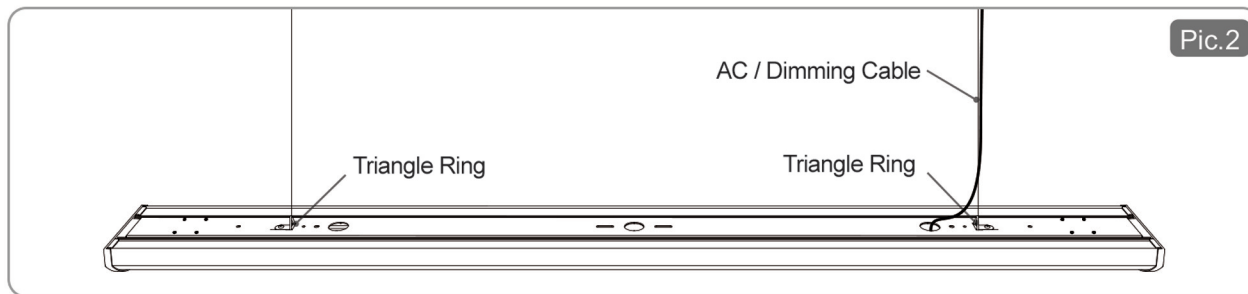
A. Surface Mounting Type (Continued)

- 1.) Affix the Mounting Bracket to the ceiling/wall using the two bracket screws as illustrated in **Pic.1**.
- 2.) Connect the Mounting Bracket and the Main Body of the light fixture using the fall protection safety strap. Connect AC wires to the light fixture as shown in **Pic.3**.
- 3.) For the convenience of installation, lock the fixture screws with a lock washer through hole. Then fix lighting fixture to surface mounting bracket tightly as shown on the **pic. 1-1**.

CAUTION:

- While attaching the light fixture to the bracket, make sure no cables/wires are neatly enclosed inside.
- Wires extruding through gaps will not allow proper installation, and may cause malfunction and safety hazard.
- Turn on the power only after making sure the bracket and the light fixture are firmly attached.

B. Pendant Type



- 1.) Connect each of the two Triangle Ring on the light fixture to two cables (not included with the product) properly fixed to the ceiling as shown in **Pic.2**.

CAUTION:

- Pendant cables or rods (sold separately) must be of proper strength and securely fastened to the ceiling.
- Improper hanging of the light fixture may lead to injury or fire.
- Connect AC wires to the light fixture as shown in **Pic.3**.
- Turn on the power only after making sure the light fixture is securely attached.

Connection

- 1.) Connection to AC Input as shown in **Pic.3** Peel off ~12mm sheath from ceiling/wall lead-in wire, and connect to AC input wire (white/black) of the product.

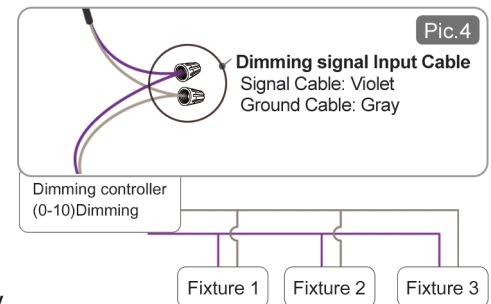
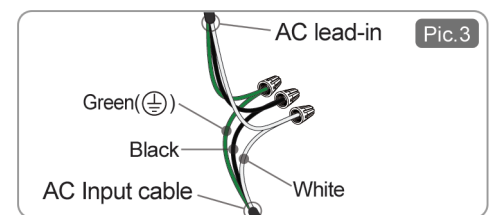
* Once connecting a number of luminaires in parallel, utilizing an internal wiring, we recommend to restrict the number of luminaires as follow. (40W→15 units, 60W→12 units, 80W→ 10 units)

- 2.) For dimming the light, connect the dimming signal cable as shown in **Pic.4**

- Connect the Signal Input Cable (Violet) to Dimming Signal Output Cable (Violet).
- Connect the Signal Input Ground Cable (Gray) to the Signal Output Ground Cable (Gray)

- 3.) For dimming more than two light fixture at the same time, signal cable should be connected in a parallel way as below to control dimmer.

* 50 pcs possible to be connected by control wires (Recommend condition: AWG24 or more thicker wire, max. separation distance 3M) line voltage: Dim_Min 1V ~ Dim_Max10V

**CAUTION:**

- Poor connection may cause damage to the product through short circuit, or cause injury and property damage from electric shock or fire.
- Ground (green) wire must be attached to ground line-in to prevent electric shock hazard.

MaxLite® Polygon Linear LED Light**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.

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