

PLEASE READ AND FOLLOW ALL SAFETY INSTRUCTIONS**SAVE THIS SHEET****To Avoid Risk of Electric Shock and Injury**

- Never attempt any work on the luminaire unless it is disconnected from the power source.
- Any installation and service of the luminaire should be done by a certified electrician.
- Confirm the supply voltage matches the voltage labeled on the luminaire.
- Make sure all electrical and grounded connections are in accordance with the National Electric Code (NEC) and any local codes.
- Make sure all connections are capped with UL-listed wire connectors.
- Allow luminaire to cool down before handling. Never handle luminaire when it is in use.
- Do not exceed the maximum wattage labeled on luminaire.
- Always wear gloves and safety glasses when installing, handling, or performing routine maintenance on the luminaire.
- Do not look directly at the light source when luminaire is on.

To Avoid Risk of Fire and Product Damage

- Keep any combustible material away from the luminaire.
- Do not operate luminaire near any persons, materials, or substances that are sensitive to heat.
- When mounting, make sure wiring is secured from any edges or objects that can damage the wire insulation.
- Do not obstruct ventilation of the luminaire. Do not cover the luminaire with foam or other insulation material that will restrict convection or conduction cooling.
- Only use luminaire at its intended location.
- LED fixtures are sensitive to polarity. Make sure to identify proper polarity before installing.
- Electrostatic Discharge (or ESD) can damage LED luminaire. Make sure to always wear personal grounding equipment when installing or servicing the luminaire.
- Avoid touching individual electrical components, which can cause ESD and will reduce the life and performance of the luminaire.
- Do not power luminaire on and off frequently as this will greatly reduce luminaire's lifespan.
- Always read the luminaire's complete installation instruction sheet before installing luminaire.
- Always inspect the luminaire for damage. DO NOT INSTALL fixture if there is any damage. Contact your distributor or representative where you purchased the luminaire for warranty claim if luminaire is damaged.

To Maintain Luminaire and Ensure Consistent Performance

- **IMPORTANT: Always make sure luminaire is disconnected from power source when performing routine maintenance.**
- Occasionally clean luminaire lens. When cleaning lens, you may dust with soft, dry and clean cloth. You may also use solution of warm water and non-abrasive cleaning agent then wipe with dry cloth. DO NOT USE alkaline or acid cleaners.
- Keep heatsink clear of dust or debris from time to time.
- Maintaining the luminaire on a routine basis is highly recommended.

Failure to follow any of these instructions may void warranty.

Please visit www.alslighting.us to view complete product Terms and Conditions.

Advantage Lighting Solutions assumes no responsibility for claims arising from improper or careless installation or handling of its products.

Important Safety Instructions

1. Make sure power is turned OFF before installing.
2. Inspect fixture for any damages. If damaged, DO NOT install fixture and contact local ALS distributor immediately.

Installation Instructions

Opening Fixture

1. Turn off circuit before installation or servicing.
2. Separate lens module from fixture body by firmly grasping the lens with one hand about 6" from one end of the fixture and grasping the fixture body with the other hand.
3. Pull the lens module straight away from the body (Figure 1). Note: The luminaire is shipped with the lens module secured to the fixture body using safety cables (Figure 2).

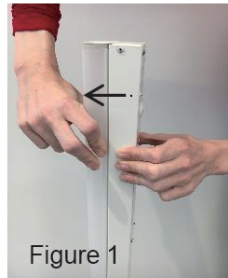


Figure 1

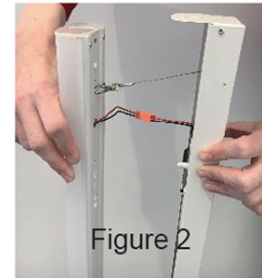


Figure 2

Installation Instructions

Surface Mount

1. If desired, attach supplied split junction box cover plates to the back of the fixture body (Figure 3).
2. Use the fixture body as a template to mark the desired locations for anchors to mount the fixture to the surface and install the appropriate anchors (supplied by others).
3. Align fixture housing to installed anchors and use screws secure the fixture, ensuring that supply wires are pulled through.
4. Make electrical connections per electrical code.

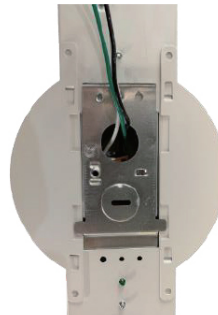


Figure 3

Installation Instructions

Suspension Mount (By Chain)

1. Attach chain (supplied by others) to the structure at the desired location.
2. Attach chain to supplied V-hanger (Figure 4).
3. Attach V-hanger to the appropriate holes in the back of the fixture (Figure 5).
4. Pull supply wires into luminaire housing.
5. Make electrical connection per electrical code.

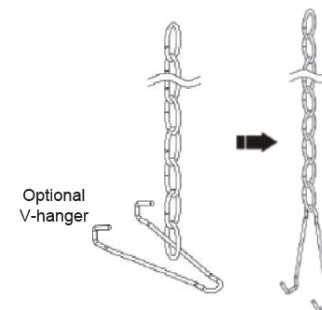


Figure 4



Figure 5

Installation Instructions

Suspension Mount (By Cable)

1. Attach the looped end of the long cable to the structure at the desired location.
2. Attach the clips on each end of the short cable to the appropriate holes in the back of the fixture (Figure 6).
3. Attach the long cable to the connection on the short cable by partially unscrewing the cap of the connector and feeding the cable through the top hole and out the side hole (figure 7).
4. Pull supply wires into luminaire housing.
5. When the cable is adjusted to the desired length, tighten the cap on the connector.
6. Pull supply wires into luminaire housing.
7. Make electrical connection per electrical code.



Figure 6



Figure 7

Installation Instructions

Suspension Mount (For Row Mount)

1. If row mounting is desired, remove knockouts on the ends of abutting fixtures and attach optional joiner bracket to the top of abutting fixtures (Figure 8).
2. Pull supply wires into luminaire housing.
3. Make electrical connection per electrical code.

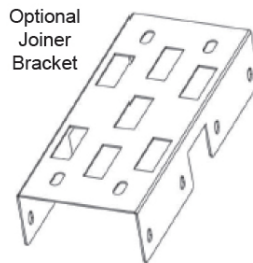


Figure 8

Installation Instructions

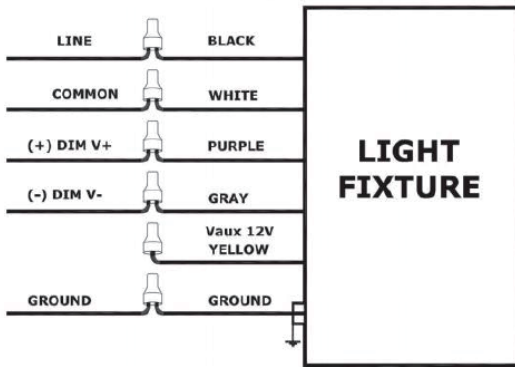
Reinstall Lens Module

1. Line up the grooves in the end of the lens module with the grooves in the end of the fixture body (Figure 9).
2. Ensure that all wiring is inside the fixture body and push on the lens module above the spring connections to securely snap the lens module in place. For suspension mounted fixtures, support the fixture body while snapping the lens module in place.



Figure 9

Installation Instructions



Troubleshooting

- Check your power source.
- Check electrical connections.

See Wattage Adjustment Label

1. Set slip switch to left position
2. Set slip switch to 2nd position (from left to right)
3. Set slip switch to 3rd position (from left to right)
4. Set slip switch to right position

Schematic of CCT adjustment (3 set position)

See CCT Adjustment Label

1. When the slip switch is set to left position, it is 3500K
2. When the slip switch is set to centre position, it is 4000K
3. When the slip switch is set to right position, it is 5000K

Schematic of wattage adjustment 3/4 (set position)for Strip

| Model | Left Position | 2nd Position (From left to right) | 3rd Position (From left to right) | Right Position |
|---|---------------|-------------------------------------|-------------------------------------|----------------|
| MLSN4-21/24/28/34/D10/U/35-40-50/(Blank,EMJ)/(Blank,MS) | 21W | 24W | 28W | 34W |
| MLSN4-22/28/36/44/D10/U/35-40-50/(Blank,EMJ)/(Blank,MS) | 22W | 28W | 36W | 44W |
| MLSN8-44/58/68/D10/U/35-40-50/(Blank,EMJ)/(Blank,MS) | 44W | 58W | / | 68W |
| MLSN8-48/68/90/D10/U/35-40-50/(Blank,EMJ)/(Blank,MS) | 48W | 68W | / | 90W |

Cleaning & Maintenance

1. To maintain the fixture efficacy occasional cleaning of the outer lens surface may be needed.
2. Use a mild soap or detergent, which is essentially neutral pH (pH approximately 6 to 8), nonabrasive, and which contains no chlorinated or aromatic hydrocarbons.
3. Wash thoroughly, using a soft cloth.
4. Rinse with clean, cold water and wipe dry.