

Lumark TCRS Tracer Floodlight



## Lumark TCRS Tracer Floodlight Instructions

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# Lumark

Lumark TCRS Tracer Floodlight



## Specifications

- **Power Supply:** 120V
- **Tools Required:** Phillips head screwdriver, electrical wiring tools, 1-1/16 Inch (27mm) crowfoot wrench
- **Mounting:** Adjustable knuckle can be mounted directly to the 1/2 NPS access hole in the cover plate of the junction box
- **Color Coding:**
  - (+) Line – Black
  - (-) Common – White
  - Ground – Green

## Product Usage Instructions

### Knuckle Adjustment

- Loosen the knuckle center screw with a Phillips head screwdriver. Adjust the position and angle of the knuckle stem.
- Retighten the center screw to 9 in-lbs for Tracer Small or 17 in-lbs for Tracer Large.

### Fixture Installation

- Route electrical leads through the 1/2 NPS access hole in the cover plate. Secure the knuckle to cover the plate with a lock nut.
- Adjust the aiming angle of the fixture by loosening the lock nut and tightening it to 48 in-lbs using a crowfoot wrench.

## Wire Connection

- Make wire connections in an outdoor-rated junction box.
- Use wire nuts or other approved connectors to wire the fixture according to the wiring diagram.

## Snoot Visor Installation

- To change the visor, unscrew the Phillips 4-40 screws holding the flat visor.
- Replace it with a snoot visor and align the arrow on the visor downwards.
- Insert the screws into the visor screw holes and tighten until secure. Torque to 8 in-lbs.

## FAQ:

### Q: Can I install this product without a qualified electrician?

- **A:** No, installation and maintenance must be performed by a qualified electrician to avoid risks of fire, electrical shock, or other hazards.

### Q: What should I do before starting the installation?

- **A:** Make sure the power is OFF by disconnecting it at the fuse or circuit breaker to prevent risks of fire and electric shock.

### Q: How should I handle a fixture that may become damaged?

- **A:** Disconnect power and allow the fixture to cool before handling or servicing to avoid risks of burn or personal injury.

## WARNING

- **Risk of Fire, Electrical Shock, Cuts, or Other Casualty Hazards-** Installation and maintenance of this product must be performed by a qualified electrician.
- This product must be installed under the applicable installation code by a person familiar with the construction and operation of the product and hazards involved.
- **Risk of Fire and Electric Shock-** Make certain power is OFF before starting installation or attempting any maintenance. Disconnect power at the fuse or circuit breaker.
- **Risk of Fire-** Refer to the product label for specific minimum supply conductor requirements.
- **Risk of Burn-** Disconnect power and allow a fixture to cool before handling or servicing.
- **Risk of Personal Injury-** The fixture may become damaged and/or unstable if not installed properly.
- Failure to comply with these instructions may result in death, serious bodily injury, and property damage.
- **Note:** These instructions do not claim to cover all details or variations in the equipment, procedure, or process described, nor to provide directions for meeting every possible contingency during installation, operation, or maintenance.
- When additional information is desired to satisfy a problem not covered sufficiently for the user's purpose, please contact your nearest representative.

- **Note:** Care must be taken not to set the lighting fixture down on optical lenses or lift the fixture in the lens area.  
**Note:** Specifications and dimensions are subject to change without notice.
- **DISCLAIMER OF LIABILITY:** Cooper Lighting Solutions assumes no liability for damages or losses of any kind that may arise from the improper, careless, or negligent installation, handling, or use of this product.
- **NOTICE:** Green ground wire was provided in the proper location. Do not relocate.
- **ATTENTION Receiving Department:** Note the actual fixture description of any shortage or noticeable damage on the delivery receipt. File a claim for common carrier (LTL) directly with the carrier.
- Claims for concealed damage must be filed within 15 days of delivery. All damaged material, complete with original packing must be retained.
- **Safety:** This fixture must be wired under the National Electrical Code and applicable local codes and ordinances. Proper grounding is required to ensure personal safety. Carefully observe the grounding procedure under the installation section.
- **APPLICATIONS:** This lighting fixture is designed for outdoor lighting services, and should not be used in areas of limited ventilation or inside high ambient temperature enclosures. It must be stored in a dry location before installation.
- Do not expose the lighting fixture to rain, dust, or other environmental conditions before installation and insertion of photo control or shorting cap (if so equipped). The best results will be obtained if installed and maintained according to the following recommendations.

## Installation Instructions

### Tracer (Small / Large) Tools Required

- Phillips head screwdriver and electrical wiring tools.
  - 1-1/16 Inch (27mm) crowfoot wrench.
  - **Note:** This configuration is equipped with an adjustable knuckle which can be mounted directly to the 1/2" NPS access hole in the cover plate of the junction box.
1. Loosen the knuckle center screw with a Phillips head screwdriver. Adjust the position and angle of the knuckle stem. Re-tighten the center screw to 9 in-lbs for Tracer Small or 17 in-lbs for Tracer Large. (Figure 1.)

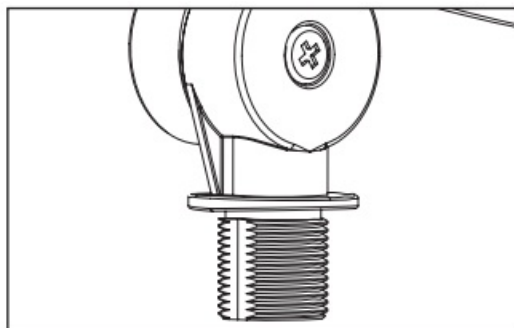
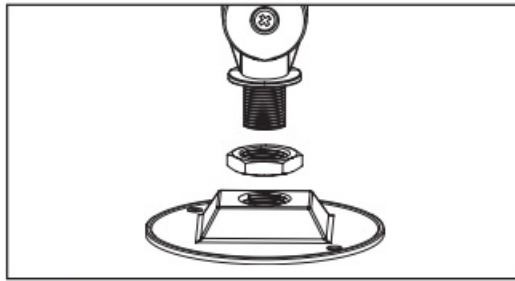


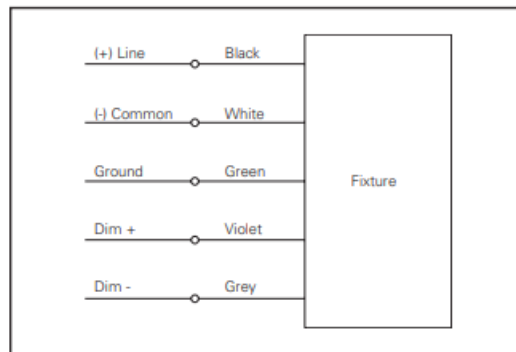
Figure 1.

2. Route electrical leads through the 1/2" NPS access hole in the cover plate (supplied by others). Secure knuckle to cover plate with lock nut. Adjust the aiming angle of the fixture by loosening the lock nut. Re-tighten the lock nut to the cover plate at 48 in-lbs using a crowfoot wrench. (Figure 2.)



**Figure 2.**

- **Note:** The Installer must apply silicone compound around the entire perimeter of the 1/2" NPS threads where it mates to the mounting surface. This will create a water-tight seal between the fixture threads and the mounting surface.
3. Make a wire connection in the outdoor rated junction box. Use wire nuts or other approved connectors to wire fixtures per the wiring diagram. (Figure 3.)



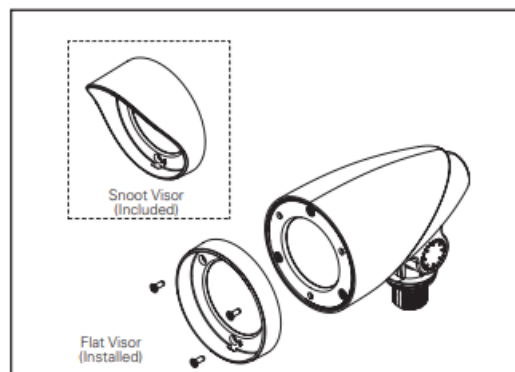
**Figure 3.**

**Note:** Mounting the cover plate to the junction box and then screwing the knuckle of the luminaire into the cover plate can result in twisting the wires, causing connections to break and creating a shock hazard when power is turned on.

4. Push wires into the junction box and install a cover plate (with luminaire attached) to the junction box.
- Note:** Ensure wires do not get pinched.

## Snoot Visor Installation

- To change the visor, unscrew the Phillips 4-40 screws holding the flat visor. Replace the visor with a snoot visor and align the arrow on the visor downwards.
- Insert the Phillips 4-40 screws into the visor screw holes and tighten until the visor is secure. Tighten/torque to 8 in-lbs. (Figure 4.)



**Figure 4.**

## FCC Statement

**Note:** This equipment has been tested and found to comply with the limits for a Class A digital device, according to part 15 of the FCC Rules.


These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used under the instruction manual, may cause harmful interference to radio communications.

Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

## Warranties and Limitations of Liability

- Please refer to [www.cooperlighting.com](http://www.cooperlighting.com) for our terms and conditions.
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## Documents / Resources

	<a href="#">Lumark TCRS Tracer Floodlight</a> [pdf] Instructions TCRS Tracer Floodlight, TCRS, Tracer Floodlight, Floodlight
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## References

- [Commercial Lighting Company | Cooper Lighting Solutions](#)
- [User Manual](#)

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