

14109 - INSTALLATION INSTRUCTIONS

Step-by-Step Wiring Instructions

- Use 20AWG x 2C (UL-listed) standard wire for lamp connections. Maximum wattage load between lamp wires and the power supply depends on distance and required voltage drop—calculate accordingly.
- Each secondary output circuit must use ULcompliant flexible cable, 1.1 meters long (±5%). Refer to page 2 for installation, wiring, and maintenance details.
- 3. The low-voltage main cable should be shallow-buried, no deeper than 6 inches.
- For added cable length, use 20AWG x 2C (UL-listed) minimum. Ensure connector holes accommodate 20AWG x 2C wire. Use the Aluminum Sleeve for embedded installations (dimensions on specification sheet).
- 5. Route lamp cables close to the fixture, accessories, or building structure for added protection.
- All low-voltage lamp wiring—except at the main cable connection—should be buried no more than 6 inches underground. Use insulated sheathing, junction boxes, or embedded components for safety.
- Trim low-voltage wire to an appropriate length—minimum 19.69"—to allow connection within 6 inches of the structure, lamp, or accessory.





WARNING:

Risk of Electric Shock: Install all luminaires at least 10 feet away from pools, spas, or fountains. Ensure all cable joints are fully waterproof during installation.

Do not connect fixtures while the LED driver is energized.







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Waterproof Wiring Instructions

Outdoor fixture failures are often caused by water or moisture intrusion. To prevent this, all outdoor lighting installations must use waterproof connectors, as illustrated in the chart below:



Not coated the wire perfectly

Only using the water-proof tape

Port 1 for fixture. Port 2, 3 for output or

