

# INSTALLATION INSTRUCTIONS

WALLMOUNT

MODEL: LS151LED Melia

INPUT VOLTAGE: 12-15 V AC, 60 Hz or 12-24 V DC



## LS151LED Melia (IP67)

**Warranty void if not installed per instructions and local electrical code**

**Note: Fixture uses intelligent driver. Always leave on for 20 seconds unless programing.**

### DANGER

#### ISOLATE LUMINAIRE FROM POWER

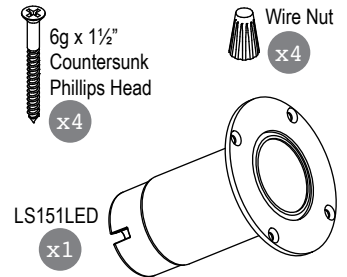
Failure to isolate power supply before installation or maintenance may result in fire, serious injury, electric shock, death and may damage the luminaire.



### CAUTION

- Luminaire is factory sealed. Do not remove cover.
- The luminaire should only be used complete with its protective shield (cover).
- Do not interfere or disconnect cable from luminaire. Warranty will be void if cable assembly is tempered with.
- If cable is damaged replace with cable supplied by Lumascope only.
- Do not use power tools to tighten screws.
- Do not overtighten screws.

### COMES WITH



### WARNING

It is strongly recommended to use Lumascope transformer

Opening luminaire will void warranty

Never use electronic transformers with LED luminaires

Luminaires can become very hot. Use discretion in placement.

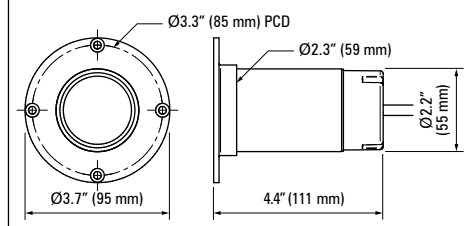
Install in accordance with National Electric Code, ANSI/NFPA 70 or the Canadian Electrical Code, Part I (CEC), CSA C22.1

1. Select a suitable power supply and locate centrally in relation to luminaires  
**NOTE: Use 12-15 V AC magnetic transformer or 12-24 V DC ripple free power supply. Luminaire not compatible with 12 V AC electronic supplies.**
2. Mark actual locations of luminaires to be installed taking voltage drop into consideration.
3. Lay cable from transformer to each luminaire. Please note that 4 core cable is required if the luminaire is to be dimmable. Contact Lumascope for suitable control equipment.
4. Split supply cable and strip ends so that the core is exposed approximately 20 mm. Do not trim ends of luminaire wires. The full length of these wires is required for easy servicability.
5. Connect luminaire to supply wires.
6. Screw fitting into place using supplied screws.
7. Repeat steps 4 to 6 for each luminaire.
8. Energize luminaires to test functionality

Should you experience any difficulty please contact the factory.

**Power supply must be isolated prior to connection or disconnection of cables. Failure to do so will result in damage to the luminaire components.**

### DIMENSIONS

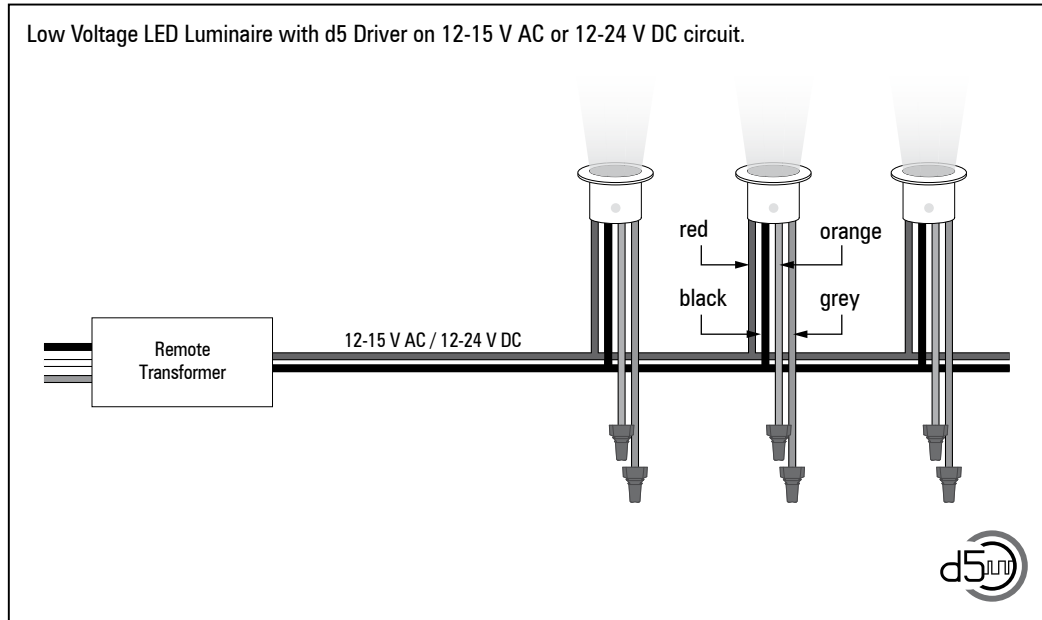


Should you experience any difficulty, please contact Lumascope directly: phone (866) 695-5862 or email [info@lumascope.com](mailto:info@lumascope.com)

## IF IN DOUBT, PLEASE CALL

[www.lumascope.com](http://www.lumascope.com)

## Wiring for Non-Dimming Installations



NOTE: The above diagram is intended to show electrical pathways between luminaires and ancillary devices. This diagram is not intended to show type or color of cord/wire, wire gauge or approved use of the cord/wire supplied with luminaires.

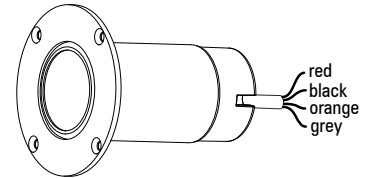
**Consult the luminaire-specific cutsheet or the factory for detailed specifications.**

**IMPORTANT:** For instructions on how to fine tune the brightness of the luminaire, refer to instruction sheet IN0059US "How to adjust the brightness for your d5 equipped luminaire". Please note, this capability only applies for luminaires not connected to any other control signal.

## Wiring Polarity

red	V+
black	V-
orange	DIM+ (connection optional)
grey	DIM- (connection optional)

**NOTE:** Connect dimming wires only if needed. Otherwise isolate.



Cord 20 gauge (0.5 mm<sup>2</sup>)

## Wiring for Dimming Configurations

Please refer to the appropriate wiring diagram for information on required system components and connectors.

### Dimmable Wiring Diagram Reference

Input Voltage	LED Color	Control Type	Wiring Diagram
13-DIM	Single Color	PWM	2,4

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