



LUMASCAPE USA INC
1300 Industrial Rd, Unit #19
San Carlos, CA 94070, USA
T (650) 595-5862
W www.lumascope.com
Free Call : (866) 695-5862

INSTALLATION INSTRUCTIONS

WALLMOUNT

MODEL: LS731LED Portico, LS741LED Piazza,
LS751LED Villa, LS751-2LED Double Villa
INPUT VOLTAGE: 12-24 V DC or 12-15 V AC



LS731LED Portico, LS741LED Piazza, LS751LED Villa, LS751-2LED Double Villa

IP65

Warranty void if not installed per instructions and local electrical code

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

WARNING

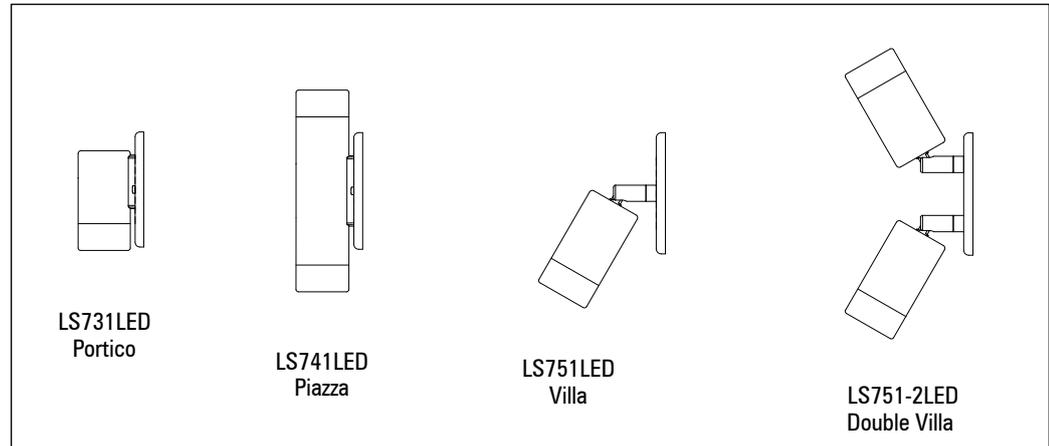
**It is strongly recommended to use
Lumascope transformer**

Opening luminaire will void warranty

**Never use electronic transformers
with LED luminaires**

Luminaire NOT hot swappable

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



**Luminaire is not hot swappable. Power supply must be isolated
prior to connection or disconnection of luminaire cables.
Failure to do so will result in damage to luminaire components.**

1. Mark actual locations of luminaires to be installed and select a suitable wire gauge, taking current and distance requirements into consideration.
2. Strip cable ends to approximately 3/4" (20 mm). Please note that 4 cores will be required for dimmable luminaires and 2 cores for non-dimmable luminaires.
3. **OPTIONAL STEP:** If the supplied luminaire is installed with junction box mountable transformer install between mains voltage supply cable and luminaire in accordance with local wiring rules.
4. Screw the universal mounting ring onto the junction box.
5. Pull the supply cable out of the junction box, through the universal mounting ring and the foam seal (See Figure A for stacking order).
6. Connect the wire cores from the luminaire to the supply cable using the wire nuts provided and attach the ground wire from the supply to universal mounting ring using the screw provided.
7. Put any excess cable back into the junction box and screw luminaire onto universal mounting ring with screws provided. Make sure the foam seal is firmly in place between luminaire and universal mounting plate.
8. Energise circuit to test luminaire. Leave on for at least 20 seconds to ensure luminaire does not enter programming mode.
9. At night adjust and aim your luminaires to achieve the desired effect (if applicable).

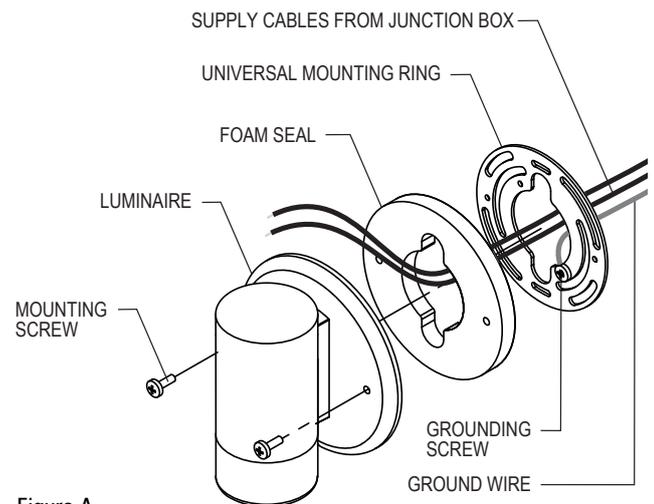


Figure A

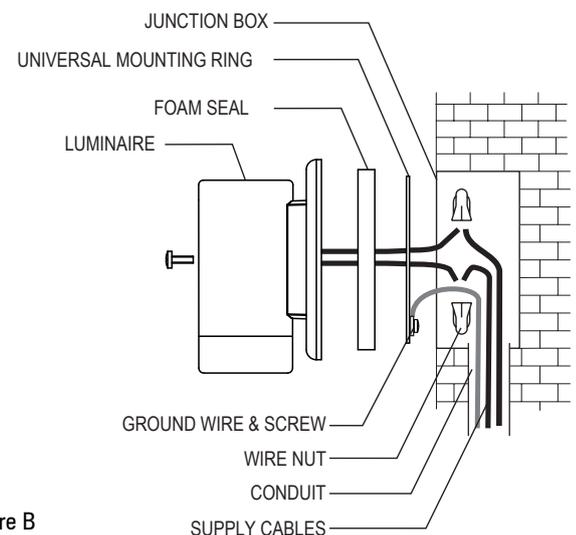


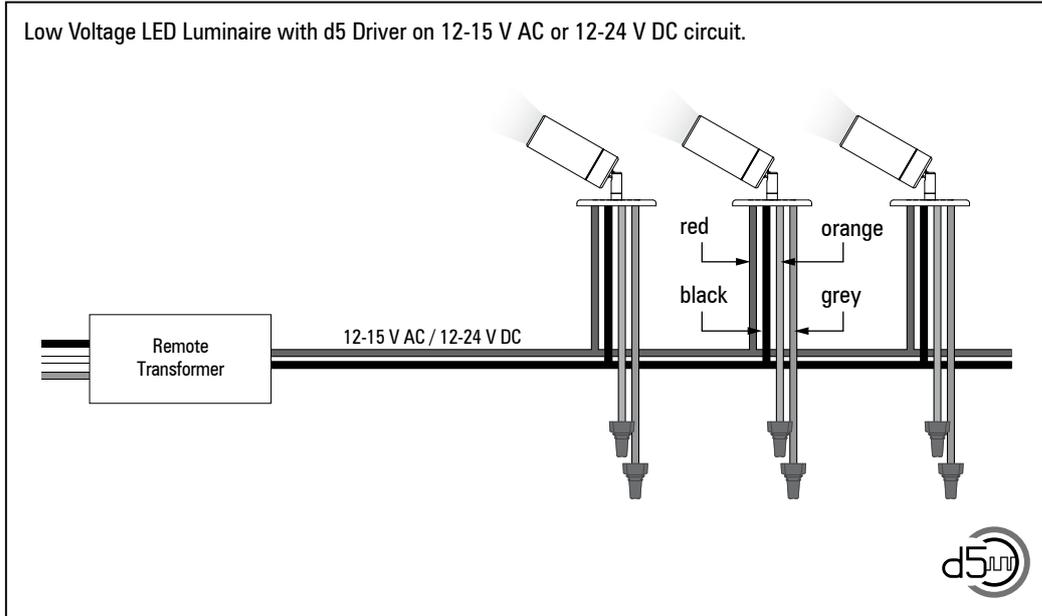
Figure B

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

IF IN DOUBT, PLEASE CALL

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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.

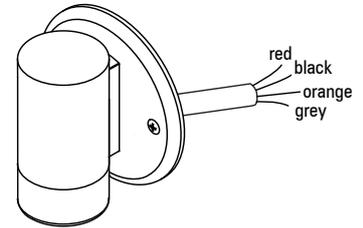
Consult the luminaire-specific cutsheet or the factory for detailed specifications.

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 mm²)

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	2,3,4

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