

## LS151LED Melia

Wallmount



Designed and constructed with performance in mind, this luminaire provides diffuse illumination in either a brass or powder coated aluminum housing. This luminaire features new Lumascape d5 driver technology for advanced dimming and control options.

### Specifications

<b>Lamp Source</b>	3 W LED <input type="checkbox"/> White (4 300 K typical) <input type="checkbox"/> Warm white (3 000 K typical)
<b>Approved Use</b>	Suitable for wet locations. Recessed - 2" min insulation gap
<b>Control Options</b>	0-10 V On-site or factory-programmable brightness
<b>IP Rating</b>	IP67
<b>Construction</b>	Powder coated aluminum <input checked="" type="checkbox"/> Black <input type="checkbox"/> Silver Polished copper and brass
<b>Installation Type</b>	Wall recessed
<b>Standard Inclusions</b>	<b>MicroAntiLeach™</b> wire entry 6.5' (2 m) cord
<b>Accessories</b>	<b>LS603-C</b> aluminum hood: powder coated Black or silver powder coat available <b>LS603</b> copper hood
<b>Ambient Operating Temperature</b>	-4 °F to 104 (-20 °C to 40 °C)

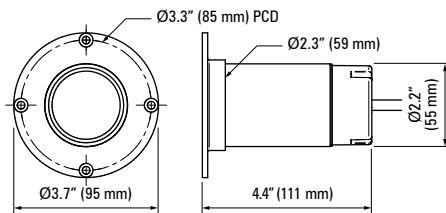
*Any luminaire can become hot - take care with appropriate use and placement*



LS151LED Melia



LS603-CB Hood



LS151LED		23																													
<b>LAMP</b>	<b>INPUT VOLTAGE</b>	<b>FINISH</b>																													
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<sup>(1)</sup> For appropriate transformer.

### Wiring Diagram Reference

Input Voltage	LED Color	Control Type	Wiring Diagram
23	Single Color	Non Dim	2
23	Single Color	0-10 V	4

Diagram 2 - Non Dimming - Low Voltage LED Luminaire on a Low Voltage Circuit

Please note: for submersible lighting applications, the use of a GFCI may be required. Consult local wiring rules.

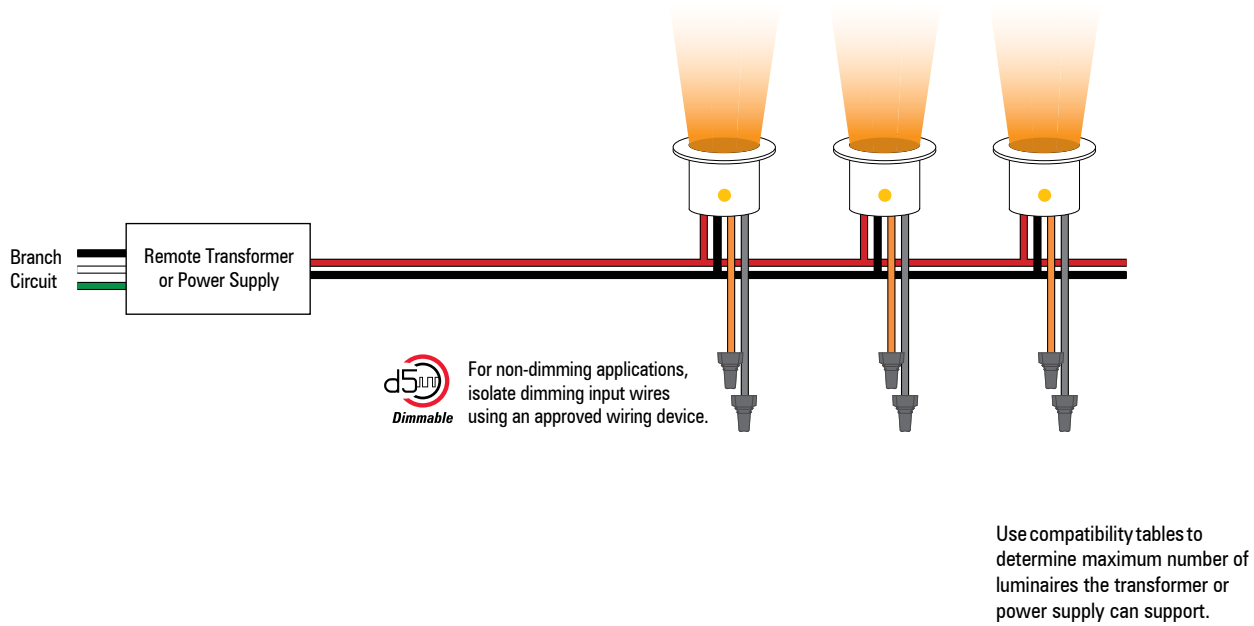
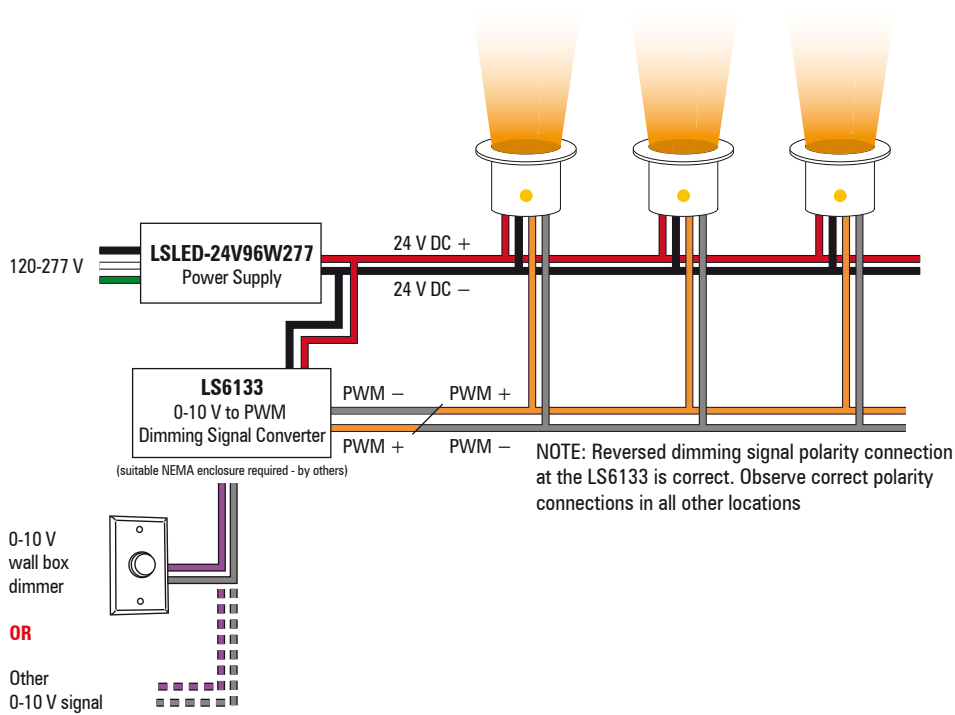


Diagram 4 - 0-10 V Dimming - Low Voltage LED Luminaire with d5 Driver on 24 V DC Circuit



NOTE: The above diagrams are intended to show electrical pathways between luminaires and ancillary devices. These diagrams are 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.**

## Transformers and Power Supplies for Low Voltage LED Luminaires

The following list of transformers and power supplies are for use with luminaires specifically described as being compatible with either 12 V AC (wirewound only) transformers or with 12-24 V DC power supplies. Compatibility will be noted in the ordering code of the luminaire concerned, and will typically be referenced by Voltage Code '13' or '13-DIM'. In the case of '13-DIM' additional components may be required. Refer to the applicable wiring diagram/s.

Compatibility with each transformer or power supply is indicated by the value mentioned, representing the maximum number of luminaires that may be powered from each transformer or power supply. Please note, this does not take into consideration voltage drop or ampacity limits of the branch circuit. For assistance, please contact factory.

	Wall Mounted Landscape Lighting Transformers			Wall Mounted Transformers				Class 2 Power Supply	Direct Burial Transformer
	LS-TWM-1-300	LS-TWM-2-600	LS-TWM-3-900	LS-TWM-50	LS-TWM-100	LS-TWM-150	LS-TWM-250	LSLED-24V96W277	LS-TDB1-300
<b>Input Voltage</b>	120 V, 60 Hz	120 V, 60 Hz	120 V, 60 Hz	120 V, 60 Hz	120 V, 60 Hz	120 V, 60 Hz	120 V, 60 Hz	120-277 V, 50/60 Hz	120 V, 60 Hz
<b>Output Voltage</b>	12/13/14/15 V 60 Hz	12/13/14/15 V 60 Hz	12/13/14/15 V 60 Hz	12 V, 60 Hz	12 V, 60 Hz	12 V, 60 Hz	12 V, 60 Hz	24 V DC	12.5 V, 60 Hz
<b>Wattage</b>	1 x 300 W circuit	2 x 300 W circuits	3 x 300 W circuits	50 W	100 W	150 W	250 W	96 W	300 W
<b>LS151LED</b>	42	84	126	7	14	21	35	17	42

## Class 2 LED Power Supplies

**LSLED-24V96W277**

Electronic DC power supply - wall mounted

<b>Input</b>	120-277 V, 50/60 Hz
<b>Rating</b>	96 W / 4 A
<b>Output</b>	24 V DC
<b>Output Circuits</b>	1
<b>Approvals</b>	CSA, CSA-US
<b>Location</b>	Wet location
<b>Dimensions</b>	<b>H</b> 12.32" (313 mm) <b>W</b> 2.54" (65 mm) <b>D</b> 1.67" (42 mm)
<b>Weight</b>	2 lb (0.9 kg)

**LSLED-24V12W277**

Electronic DC power supply - NEMA enclosure required (by others)

<b>Input</b>	120-277 V, 50/60 Hz
<b>Rating</b>	12 W / 0.5 A
<b>Output</b>	24 V DC
<b>Output Circuits</b>	1
<b>Approvals</b>	UL, CUL Recognized, Class 2
<b>IP rating</b>	IP66
<b>Location</b>	Wet location
<b>Dimensions</b>	<b>H</b> 3.35" (85 mm) <b>W</b> 1.42" (36 mm) <b>D</b> 0.91" (23 mm)
<b>Weight</b>	0.282 lb (0.1 kg)

## Control Related Equipment

**LS6133**

0-10 V to PWM translator - NEMA enclosure required (by others)

<b>Input</b>	24 V DC
<b>Rating</b>	96 W max
<b>Output</b>	4 A max
<b>Output Circuits</b>	1
<b>Approvals</b>	UL, CUL Recognized, Class 2
<b>IP Rating</b>	IP66
<b>Dimensions</b>	<b>H</b> 5.2" (132 mm) <b>W</b> 1.3" (33 mm) <b>D</b> 1" (25 mm)
<b>Weight</b>	0.2 lb (0.1 kg)

**LS67100**

DMX to PWM translator - dry location only

<b>Input</b>	24 V DC
<b>Rating</b>	4 x 60 W max
<b>Output</b>	4 x 2.5 A max
<b>Output Circuits</b>	4
<b>Approvals</b>	UL, CUL
<b>IP Rating</b>	N/A
<b>Dimensions</b>	<b>H</b> 11.25" (286 mm) <b>W</b> 4.6" (117 mm) <b>D</b> 3.2" (82 mm)
<b>Weight</b>	0.5 lb (0.2 kg)

