Translates DMX/RDM and 0-10 V into PowerSync*4* for the digital control of intelligent luminaires. This allows highly-granular addressing and high-speed digital control of every luminaire, using only three wires. The PS4 data injector is DIN rail mountable, designed to be installed in a switchboard, next to the power supply and circuit breaker that is supplying power to the controlled lighting circuit. Accepts a growing list of standard protocols (0-10 V, DMX/RDM) for simple integration with a wide selection of control systems using these industry standard protocols.

Electrical

Unit Power Consumption	<5 W
Input/Output Voltage	Low Voltage 30-48 Vdc
Connected Current	16 A
Electrical Connections	30-48 Vdc Input Terminal Block PowerSync™ Out Terminal Block DMX In / Out RJ45 Sockets

Control

Dimming Options	DMX/RDM, 0-10 V

Physical

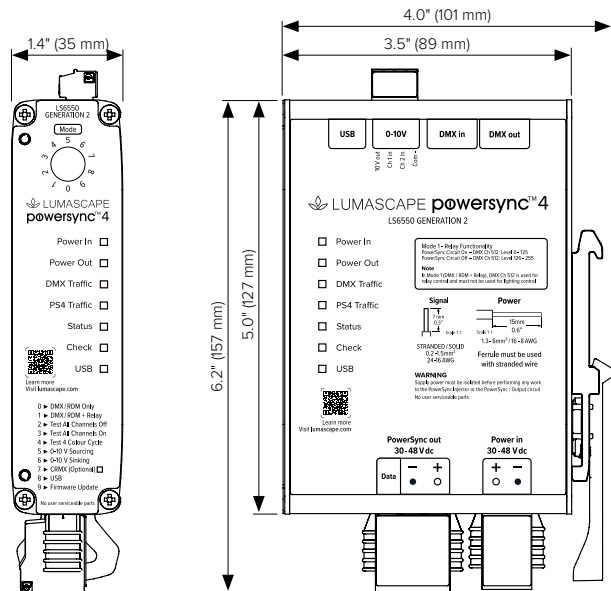|	
Housing	Extruded marine-grade aluminum
Finish	Anodized black
Mounting	35 mm DIN rail
Ambient Operating Temperature	-40 °F to 122 °F (-40 °C to 50 °C) non-condensing
Weight	1.8 lbs (0.8 kg)

Certification & Compliance

IP Rating	IP30
Approved Use	Low voltage lighting systems
Environment	Dry locations only
Certifications	ETL, CE, CCC, FCC

powersync™

Dimensions

Edge Mounting

1.4" (35 mm)
4.0" (101 mm)
3.5" (89 mm)
5.0" (127 mm)
6.2" (157 mm)

Back Mounting

1.9" (47 mm)
1.4" (35 mm)
3.5" (89 mm)
6.2" (157 mm)
5.0" (127 mm)
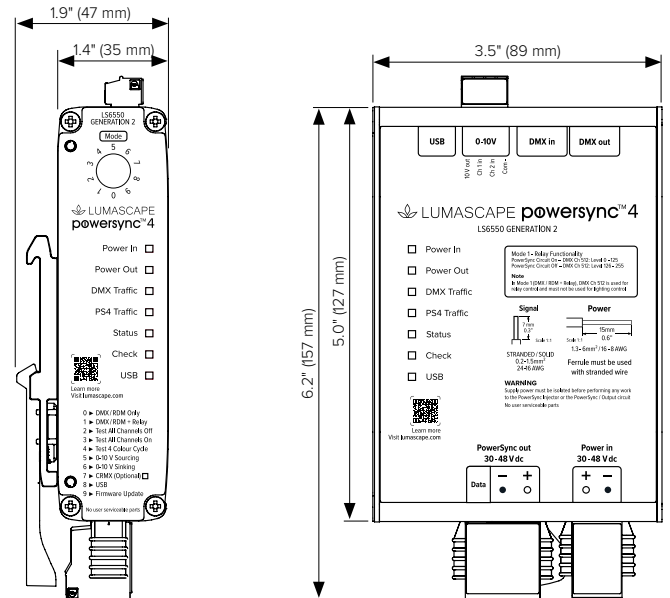
* Note:

Mounting can be configured either way during site installation.

Mode Switch

10 Position Mode Switch

Label	Descriptions
0	DMX/RDM
1	DMX/RDM + Relay
2	Test All Channels Off
3	Test All Channels On
4	Test 4 Color Cycle
5	0-10 V Sourcing
6	0-10 V Sinking
7	CRMX (Optional)
8	USB
9	Firmware Update

Switch modes refer to Generation 2 ONLY.
For all Generation 1 modes, setting and
product information visit lumascape.com/resources/discontinued-products