



Combines power and dimming control in a single convenient unit. Specifically approved for low voltage LED luminaires up to 30 Vdc, this power supply unit accepts 0-10 V or DMX protocols, with the ability to fine-tune dimming output. This makes it easier to use with many other manufacturer's luminaires. The die-cast aluminum housing features a 9-step surface treatment process, including two layers of powder-coat, making the LS6520 perfect for poolside locations or other locations where corrosion or UV exposure is of concern.

### Electrical

Output Power	120 W, 240 W, 320 W
Output Voltage	24 Vdc, 30 Vdc
Input Voltage	120/277 Vac, 60 Hz
Efficiency (typ.)	92.5%
Connections	Line Voltage In (2+E), 1 x #10 (6mm <sup>2</sup> ), 2 x #16 (1.5mm <sup>2</sup> ) Low Voltage Out, 1 x #10 (6mm <sup>2</sup> ), 2 x #16 (1.5mm <sup>2</sup> )
Entries (CE)	2 x M20 (threaded) - Power in / out 2 x M20 (threaded) - Low Voltage out 2 x M12 - Data / control looping (dimnable models)
Entries (UL / ETL)	2 x ¾" - Power in / out 2 x ¾" (threaded) - Low Voltage out 2 x ½" - Data / control looping (dimnable models)

### Control

Interface	Lumascap <b>PowerSync</b> ®
Protocols	0-10V - (10%) Input for controlling PWM or PowerSync luminaires DMX / RDM Input for controlling PWM or PowerSync luminaires Configurable PWM output orientation and frequency

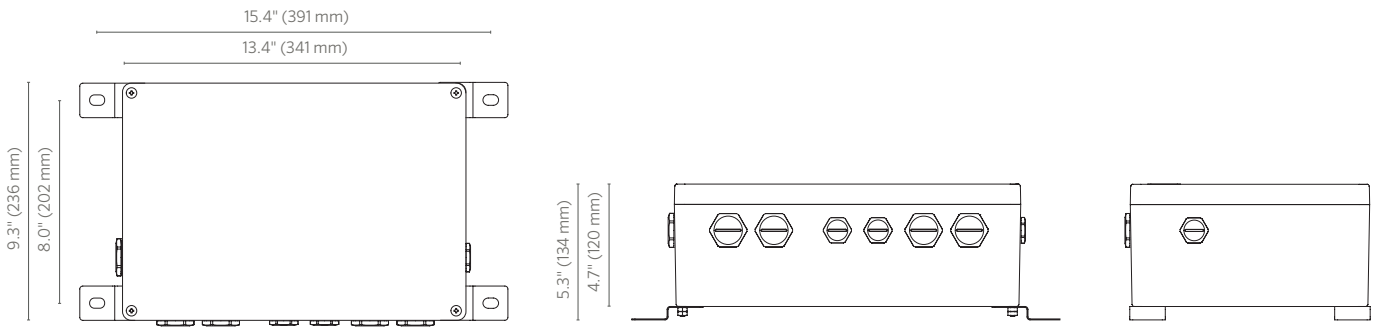
### Physical

Housing	Marine-grade extruded aluminum with stainless-steel hardware
Finish	Superior 9-step powder-coating process, including marine-grade epoxy undercoat and polyester top coat
Installation	Surface-mounted
Ambient Operating Temperature	-40°F to 122°F (-40°C to 50°C)
Weight	13.2 lb (6.0 kg)

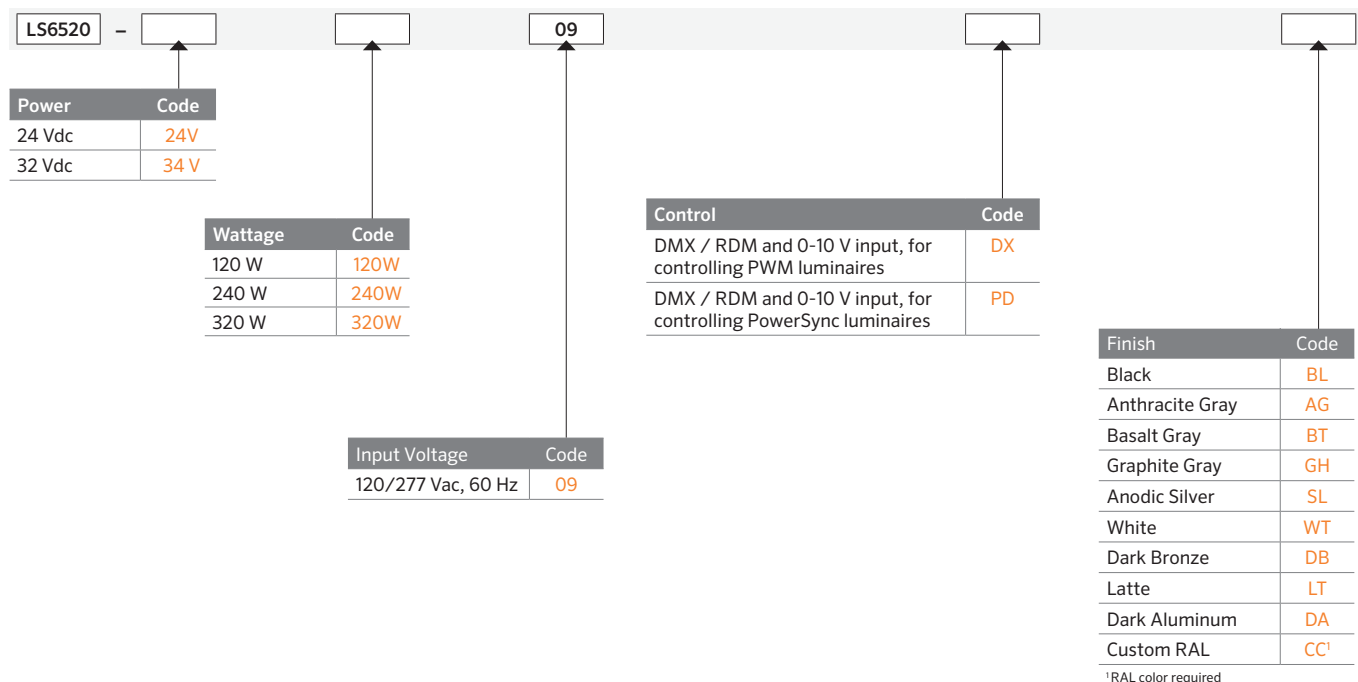
### Certification & Compliance

IP Rating	IP65
Environment	Dry, Damp, Wet locations
Certifications	UL 2018: Low Voltage Lighting Systems CSA 250.0-08: Luminaires

Dimensions



Specification Matrix



<sup>1</sup>RAL color required