



The LS6520 combines power and dimming control into a single convenient unit. Specifically approved for low voltage LED luminaires up to 30V DC, the LS6520 accepts 0-10V or DMX protocols, with the ability to fine tune dimming output. This makes it easier to use with many other manufacturer's luminaires, as well as the complete suite of Lumascope underwater luminaires. The diecast aluminium 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/exposure is of concern.

Electrical

<b>Input Voltage</b>	110-240V, 50/60Hz (International Market) 120V, 50/60Hz (North American Market)
<b>Output Voltage</b>	24V DC 30V DC
<b>Output Power</b>	120W 240W 320W
<b>Efficiency (typ)</b>	92.5%
<b>Electrical Connections</b>	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> )
<b>Entries (CE)</b>	2 x M20 (threaded) - Power in / out 2 x M20 (threaded) - Low Voltage out 2 x M12 - Data / control looping (dimnable models)
<b>Entries (UL / ETL)</b>	2 x 3/4" - Power in / out 2 x 3/4" (threaded) - Low Voltage out 2 x 1/2" - Data / control looping (dimnable models)

Control

<b>Protocols</b>	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.
------------------	--

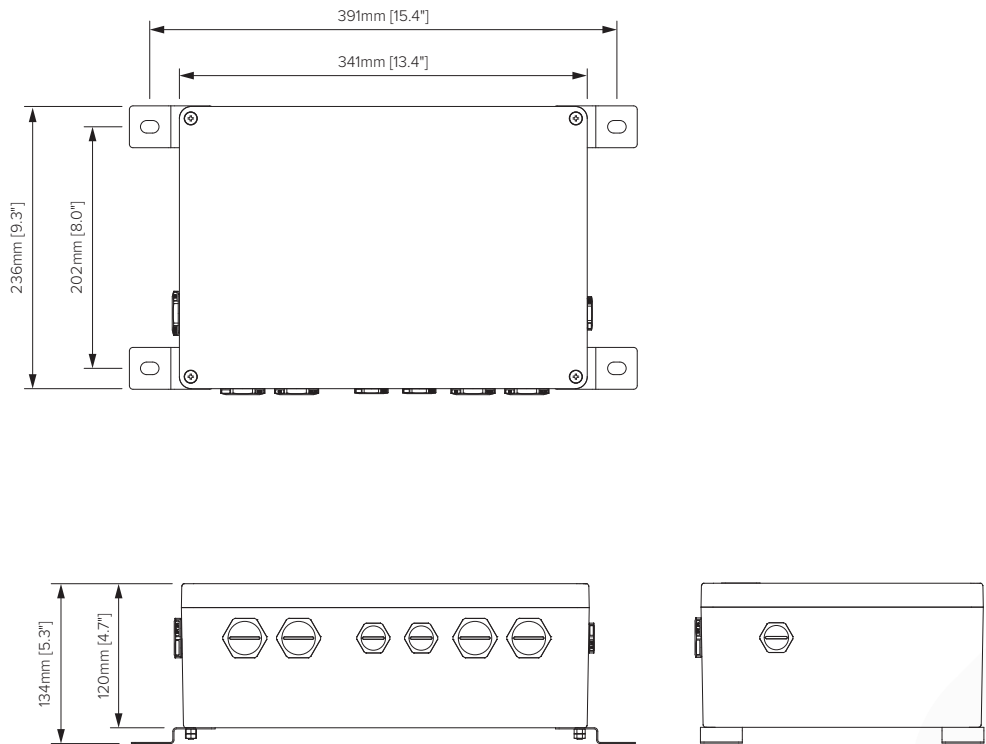
Physical

<b>Housing</b>	Diecast Aluminium, Stainless Steel hardware
<b>Finish</b>	Powder coated
<b>Installation</b>	Surface-mounted
<b>Ambient Operating Temperature</b>	-40°C to 50°C (-40°F to 122°F)
<b>Weight</b>	6.0kg (13.2lb)

Certification & Compliance

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

Dimensions



Power		Code	Wattage		Code	Control		Code	Finish		Code
24V		24V	120W		120W	DMX / RDM and 0-10V input. For controlling PWM luminaires		DX	Black		BL
30V		30V	240W		240W	DMX / RDM and 0-10V input. For controlling PowerSync™ luminaires		PD	Anthracite Grey		AG
			320W		320W				Basalt Grey		BT
									Anodic Silver		SL
									White		WT
									Dark Bronze		DB
									Latte		LT
									Dark Aluminum		DA
									Custom RAL		CC <sup>(1)</sup>

Voltage		Code
110-240V, 50/60 Hz		01 <sup>(1)</sup>
120V, 50/60 Hz		04 <sup>(2)</sup>

(1) International market  
(2) North American market

(1) Please provide RAL colour.