



The LS6510 combines power and dimming control into a single convenient unit. Specifically approved for pool, spa and fountain luminaires up to 30V DC, the LS6510 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 Lumascape underwater luminaires. The diecast aluminium housing features a 9-step surface treatment process, including two layers of powder coat, making the LS6510 perfect for poolside locations or other locations where corrosion/exposure is of concern. The LS6510 conforms to the UL379 pool, spa and fountain power unit standard, making it the ideal solution for a wide range of underwater lighting projects.

Electrical

Input Voltage	110-240V, 50/60Hz (International Market) 120V, 50/60Hz (North American Market)
Output Voltage	24V DC 30V DC
Output Power	240W
Efficiency (typ)	92.5%
Electrical Connections	Line Voltage In (2+E), 1 x #10 (6mm ²), 2 x #16 (1.5mm ²) Low Voltage Out, 1 x #10 (6mm ²), 2 x #16 (1.5mm ²)
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 3/4" - Power in / out 2 x 3/4" (threaded) - Low Voltage out 2 x 1/2" - Data / control looping (dimnable models)

Control

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.
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Physical

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

Certification & Compliance

IP Rating	IP65
Environment	Dry, Damp, Wet locations
Certifications	UL379 - Power Unit for Fountain, Swimming Pool and Spa CSA C22.2 No. 89-15 - Swimming-pool Luminaires, Submersible Luminaires, and Accessories CSA C22.2 No. 218.1-13 - Spas, Hot Tubs, and Associated Equipment CSA C22.2 No. 218.2-15 - Hydromassage Bathtub Appliances

Dimensions

