Introduction

We have a range of Power Supply Units (PSU) complete with our safety circuit (CSC) which will monitor the Hi-Lite™ Classic tube for any faults both during use and at power on. This circuit will power off the PSU output if any fault is detected, and will give a visual indicator (LED on the PSU) as to why the Hi-Lite™ Classic has been powered off.

The four PSUs are designed to power differing sized installations with the lower wattage power supplies allowing for more economical installations. The range includes 240W, 96W, 40W and 25W.

All of these power supplies are IP67 rated and are all fitted with two output connectors from the same JST JWPF range of waterproof connectors as Hi-Lite™ Classic.
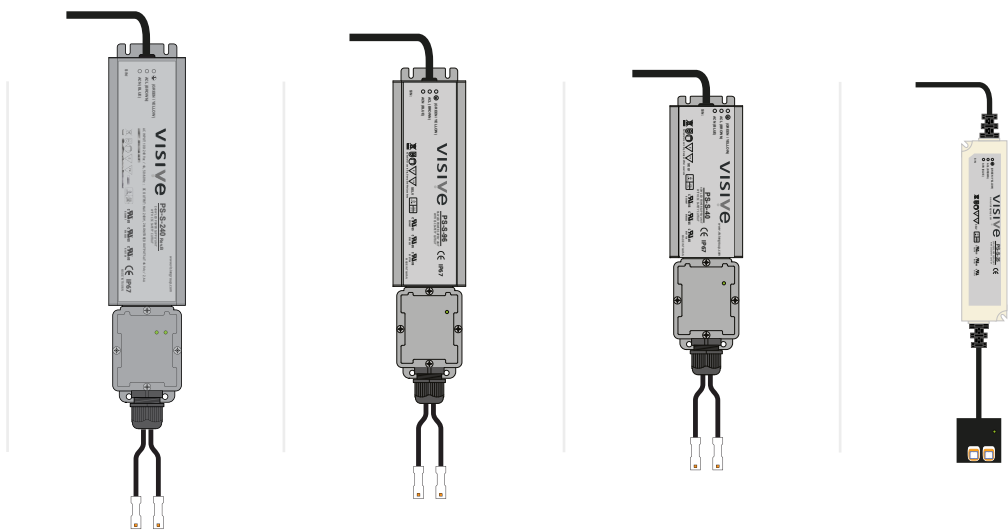
The CSC safety device

The CSC is a device added to the power supplies for safety. Even though our system is low voltage, any electrical fault has the capacity to cause a fire. This is why we use the CSC on all our outdoor PSUs.

During normal operation the CSC continuously and automatically performs tests on the DC supply to the Hi-Lite™ installation. If a fault is detected the DC output is switched off. Once this has occurred, a series of attempts to reinstate the DC supply are made at increasing intervals.

Should the fault still be present after the full retry cycle (around 5 hours), the CSC enters an abort mode. Once in this mode, no further retries are made and the status LED flashes red.

Suitable for use in Dry, Damp and Wet Locations

CE IP67

E334687 E183223 E127738

Not all standards apply to all power supply units
Please request full specifications if required

Part number	PS-S-240	PS-S-96T*	PS-S-40	PS-S-25
Wattage	240W	96W	40W	25W
Output connectors	2	2	2	2
CSC Channels	2	1	1	1
IP Rating	IP67	IP67	IP67	IP67
Dimensions (LxWxH)	318.2x68x38.8 mm	293x68x38.8 mm	244x68x38.8 mm	151x40x32 mm
Weight	1.5kg	1.12kg	0.85kg	0.4kg
Input Voltage	100-240V AC	100-240V AC	100-240V AC	100-240V AC

Meters of Hi-Lite™ Classic each PSU will Power

Green	2x 45m	45m	22m	11m
Blue, White	2x 24m	19m	8m	4m
Red, Yellow, Orange	2x 24m	19m	8m	4m

Full technical specifications are available on request
*PS-S-96T is also available as PS-S-96 with a single output connector

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