



# P510-2

TECHNICAL DATASHEET

Large Victorian tear-drop style LED lantern for street lighting, squares, conservation areas, and other situations requiring a period lantern. Together with CU Boulevard column, an authentic Victorian scheme can be provided for a modern major road.

Our traditional lighting solution range has been re-engineered and now features 4th generation LED light engines, providing improved performance and value for money.

With superior efficacy and lighting quality, the range is ideal for retrofit lighting or projects that need a traditional-style lantern with the latest LED technology for optimal energy savings.



## SPECIFICATION

Light Source	CSP	CSP LEDs	Mid power LEDs
Number of LEDs	74	56	56
Power Consumption	22 - 151W	18 - 130W	11 - 57W
Correlated Colour Temperature	4000K, 3000K	4000K, 3000K, 2700K	4000K, 3000K, 2700K, 2200K
Glare Class	Up to G2	Up to G3	Up to G3
Colour Rendering Index	>70		
Optical Cover	PMMA		
Luminaire Luminous Flux	2976 - 18645lm	2664 - 16406lm	1518 - 7058lm
Luminaire Efficacy	Up to 142 lm/W	Up to 151 lm/W	Up to 144 lm/W
Electrical Class	I		
Control System Input	DALI / 1-10V		
Lumen Maintenance Output	L84 > 100Khrs (1500mA)	L85 > 100Khrs (1500mA)	L81 > 100Khrs (1050mA)
Driver Current (50mA steps)	200mA - 1500mA	200 - 1500mA	200 - 1050mA
Surge Protection	10 kV Com. Mode 6 kV Diff. Mode to IEC 61000-4-5		
Dimming Control	Mutli step dimming		
Lighting Regulation	Mini Photocell, 7-pin ANSI NEMA socket, Zhaga book 18 socket, Wireless CMS options		
Operating Temperature	-30° to +25°C		
Installation Height	8 - 12m		
Installation	Top entry 1" BSP		
Tilt	None		
Material	Cast aluminium spigot, polycarbonate bowl, spun aluminium body		
Finish	Polyester powder coat cured under heat		
Colours	Black RAL9005		
Ingress Protection	IP66 LED module, IP54 body		
Wind Area (EPA)	0.24m <sup>2</sup>		
Weight	13.5kg		

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