



P510

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	37	28	28
Power Consumption	11 - 75W	9 - 65W	5 - 29W
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	1699 - 10647lm	1521 - 9291lm	867 - 4031lm
Luminaire Efficacy	Up to 162 lm/W	Up to 172 lm/W	Up to 165 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 6kV 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 ²		
Weight	12.8kg		

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