



# P514

TECHNICAL DATASHEET

The P514, a square Victorian period LED street lighting lantern for situations needing a traditional lantern.

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 G1	Up to G3	Up to G3
Colour Rendering Index	>70		
Optical Cover	PMMA		
Luminaire Luminous Flux	1548 - 9557lm	1354 - 8336lm	781 - 3631lm
Luminaire Efficacy	Up to 148 lm/W	Up to 153 lm/W	Up to 149 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, Wireless CMS options		
Operating Temperature	-30° to +25°C		
Installation Height	4 - 10m		
Installation	PT Ø 60-76mm		
Tilt	None		
Material	Steel Frog, polycarbonate bowl and cover		
Finish	Polyester powder coat cured under heat		
Colours	Black RAL9005		
Ingress Protection	IP66 LED module, IP54 body		
Wind Area (EPA)	0.20m <sup>2</sup>		
Weight	8.1kg		

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