



# P109

## TECHNICAL DATASHEET

Large Georgian style LED luminaire for conservation areas, town squares, city streets and other similar situations which require a traditional style lantern. Used in places such as Regents Park, Kensington, Bath and Edinburgh.

Our traditional lighting solution range has been re-engineered in celebration of our centenary and

now features 4th generation LED light engines, providing improved performance and value for money.

With superior efficacy and lighting quality, the P109 is ideal for retrofit lighting or projects that needs the traditional-style lantern with the latest LED technology for optimal energy savings



## SPECIFICATION

	CSP	CSP LEDs	Mid Power LEDs
Light Source	37	28	28
Number of LEDs	11 - 70W	9 - 65W	5 - 29W
Power Consumption	>70		
Colour Rendering Index	4000K 3000K	4000K 3000K 2700K	4000K 3000K 2700K 2200K
Correlated Colour Temperature	Up to G1	G3	G3
Glare Class	>70		
Colour Rendering Index	PMMA		
Optical Cover	1636 - 10254 lm	1455 - 8962 lm	826 - 3841 lm
Luminaire Luminous Flux	Up to 156 lm/W	Up to 164 lm/W	Up to 157lm/W
Luminaire Efficacy	I		
Electrical Class	DALI / 1 - 10V		
Control System Input	L84 > 100Khrs (1500mA)	L85 > 100Khrs (1500mA)	L81 > 100Khrs (1050mA)
Lumen Maintenance Output	200mA - 1500mA		
Driver Current (50mA steps)	10kV Com.Mode 6 kV Diff. to IEC 61000-4-5		
Surge Protection	Multi step dimming		
Dimming Control	Mini Photocell, Wireless CMS Options		
Lighting Regulation	-30°C to +30°C		
Operating Temperature	4 - 10m		
Installation Height	PT60 - 76mm		
Installation	None		
Tilt	Cast aluminim spigot, polycarbonate bowl and spun aluminium cover		
Material	Polyester powder coat cured under heat		
Finish	Black RAL 9005		
Colours	IP66 LED module, IP54 Body		
Ingress Protection	0.33km <sup>2</sup>		
Wind Area (EPA)	11kg		
Weight (Kg)			

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