



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.

Re-engineered 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

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	1636 - 10254lm	1455 - 8962lm	826 - 3841lm
Luminaire Efficacy	Up to 156 lm/W	Up to 164 lm/W	Up to 157 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, Wireless CMS options		
Operating Temperature	-30° to +30°C		
Installation Height	4 - 10m		
Installation	PT Ø 60-76mm		
Tilt	None		
Material	Die cast aluminium spigot, polycarbonate bowl and spun aluminium cover		
Finish	Polyester powder coat cured under heat		
Colours	Black RAL9005		
Ingress Protection	IP66 LED module, IP54 body		
Wind Area (EPA)	0.33m ²		
Weight	11kg		

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