



P107

TECHNICAL DATASHEET

The P107 is a simple, classic, lightweight Post Top LED Luminaire that has been designed for amenity lighting, minor roads, residential areas, shopping areas, squares, parks and car parks.

It utilises the latest LED light source achieving longevity for both LEDs and drivers. The installation is simple and fast.

The benefits of this product include its energy efficiency, the improved colour rendering to ensure safety on the roads and its lack of UV degradation.



SPECIFICATION

Light Source	CSP	CSP LEDs	Mid power LEDs
Number of LEDs	37	28	28
Power Consumption	11 - 70W	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	1564 - 9632 lm	1366 - 8413 lm	784 - 3664 lm
Luminaire Efficacy	Up to 148 lm/W	Up to 154 lm/W	Up to 150 lm/W
Electrical Class	I		
Control System Input	DALI / 1-10V		
Lumen Maintenance Output	L84 > 100Khrs (1400mA)	L85 > 100Khrs (1500mA)	L81 > 100Khrs (1050mA)
Driver Current (50mA steps)	200mA - 1400mA	200mA - 1500mA	200 - 1500mA
Surge Protection	10 kV Com. Mode 6 kV Diff. Mode to IEC 61000-4-5		
Dimming Control	Multi step dimming		
Lighting Regulation	Mini photocell, 7-pin ANSI NEMA socket, Zhaga book 18 socket, Wireless CMS options		
Operating Temperature	-30°C to +20°C		
Installation Height	3.5 - 8m		
Installation	PT Ø 60-76mm		
Tilt	None		
Material	Die cast aluminium spigot, polycarbonate bowl and spun aluminium cover		
Finish	Ployester powder coat cured under heat		
Colours	Black RAL9005		
Ingress Protection	IP66 LED module, IP54 body		
Wind Area (EPA)	0.132m ²		
Weight	7.3kg		

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