



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 the drivers. The installation is simple and fast.

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



SPECIFICATION

Light Source	High Power LEDs
Number of LEDs	12
Power Consumption	10 ~ 40W
Luminaire Luminous Flux	950 ~ 3770 lm
Driver Current (in 50mA steps)	200mA ~ 1000mA
Lumen Maintenance Output	L90F10 at 100,000 hours (1000mA, Ta = 15°C)
Operating Temperature (for 100,000 hrs)	-40°C to +25°C
Weight (Total)	3.6kg
Correlated Colour Temperature	Neutral White 4000K (3000K optional)
Colour Rendering Index	>70
Optical Cover	Polycarbonate cone
Electrical Class	I
Control System Input	DALI / 1-10V
Surge Protection	8 kV Common Mode, 6 kV Differential Mode to IEC 61000-4-5; 10 kV Single Pulse
Dimming Control	Multi-step dimming
Lighting Regulation	Mini Photocell, CMS (contact for details)
Installation Height	4 ~ 6m
Installation	PT Ø 60-76mm
Material	Aluminium spigot and canopy, polycarbonate body, clear vandal resistant bowl
Finish	Polyester powder coat cured under heat
Colours	Black as standard, other RAL colours available on request
Ingress Protection	IP54
Wind Area (EPA)	0.13m ²

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