



P873

TECHNICAL DATASHEET

The P873 Post Top LED Luminaire, has been designed for amenity lighting, pedestrian crossings, splitter islands at roundabouts and smaller car parks.

P873 combines the latest LED light source with state-of-the-art design, achieving longevity for both LEDs and the drivers. Contractor friendly simple and fast installation.

Key benefits include an elegant an state-of-the-art-design, superior luminaire efficacy up to 127 lm/W, wide range of lumen packages, advanced thermal management, flexible and intelligent lighting control options, low windage and lightweight and IP66 ingress protection.



SPECIFICATION

Feature	High Power LEDs
Number of LEDs	16
Power Consumption	12 ~ 70W
Correlated Colour Temperature	Neutral White 4000K (3000K optional)
Glare Rating	Up to G4
Colour Rendering Index	>70
Optical Cover	PMMA
Luminaire Luminous Flux	1,400 ~ 8,000 lm
Luminaire Efficacy	Up to 127 lm/W
Weight (Total)	3.6kg
Operating Temperature	-30°C to +40°C (1000mA)
Installation Height	4 ~ 10m
Electrical Class	I or II
Control System Input	DALI / 1-10V
Lumen Maintenance Output	L90 > 100,000 hours (1000mA, Ta = 25°C)
Driver Current	200mA ~ 1500mA in 50mA steps
Surge Protection	8 kV Comm. Mode, 6 kV Diff. Mode to IEC 61000-4-5; 10 kV Single Pulse
Dimming Control	Multi-step dimming
Lighting Regulation	Mini Photocell, NEMA Socket, Wireless CMS options
Installation	PT Ø 60-76mm
Material	High pressure die cast aluminium (Housing)
Finish	Polyester powder coat cured under heat
Colours	Light grey (RAL 7035), other RAL colours available on request
Ingress Protection	IP66
Wind Area (EPA)	0.029m ²

P873

TECHNICAL DATASHEET

