



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



SPECIFICATION

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| Light Source | High Power LEDs |
| Number of LEDs | 16 |
| Power Consumption | 12 - 70W |
| Correlated Colour Temperature | 4000K, 3000K |
| Glare Rating | Up to G3 |
| Colour Rendering Index | >70 |
| Optical Cover | PMMA |
| Luminaire Luminous Flux | 1400 - 8000 lm |
| Luminaire Efficacy | Up to 127 lm/W |
| 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 | 10 kV Comm. 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 +40°C |
| Installation Height | 4 - 10m |
| Installation | PT Ø 60-76mm |
| Tilt | None |
| 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 |
| Weight | 3.6kg |

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