P861

C.U. Phosco

Completing the King of the Road range of Luminaires P861 LED luminaire excels in optical performance, thermal management, compatibility and serviceability, bringing an uncompromised outcome of efficiency and versatility that is future-proofed for an optimised investment

The P861 has been designed to

meet most demanding lighting requirements, being easy to install and maintain. It combines latest LED light source with state-of-the-art design, achieving long life for both LEDs and the drivers. The installation is simple and fast, and the luminaire is easily upgradable on-site if required.

SPECIFICATION

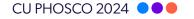|	
Light Source	High Power CSP LEDs
Number of LEDs	256
Power Consumption	75 - 360W
Correlated Colour Temperature	Neutral white, 4000K (Warm 3000K option) * DarkSky Approved with 3000K CCT or warmer only
Glare Class	Up to G6
Colour Rendering Index	>70
Optical Cover	Flat Glass - Tested to IK09
Luminaire Luminous Flux	11000 - 58640lm
Luminaire Efficacy	Up to 165 lm/W
Electrical Class	I or II
Control System Input	1-10V and DALI
Lumen Maintenance Output	L90 > 100,000 hours (1050mA, Ta = 25°C) *** Lumen depreciation calculated up to 100,000 hours using IES TM-21 method.
Driver Current (50mA steps)	200mA - 1050mA in 25mA steps
Surge Protection	10kV Com. Mode 6 kV Diff. Mode to IEC 61000-4-5
Dimming Control	Dynadimmer
Lighting Regulation	Mini Photocell, 7-pin ANSI Socket, Zhaga Book 18 socket, Bluetooth Control Node, Central Management Systems
Operating Temperature	-30°C to +30°C, +50°C (limited driver current)
Raised Ambient Operation	+50°C (limited driver current)
Installation Height	8 - 15m
Installation Post Top / Side Entry	SE Ø 34-42mm or Ø 42-60mm, PT Ø 42-60mm or Ø 60-76mm
Tilt	-10°, -5°, 0°, 5°, 10° ** DarkSky Approved when installed at zero tilt angle.
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 (SCx)	0.044m^2
Weight	14.5kg
Shielding	Front, rear, left, and right shielding options

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