P861 4x4

The 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 the 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.
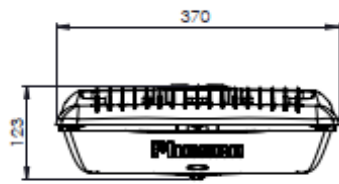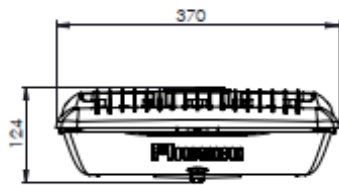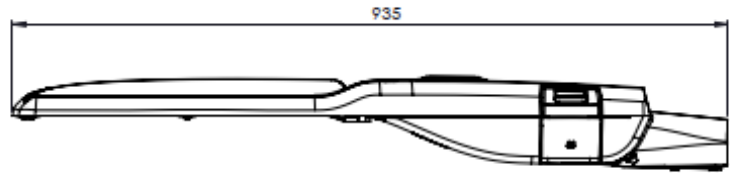
SPECIFICATION

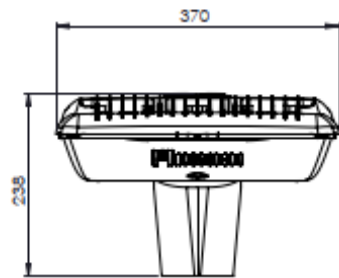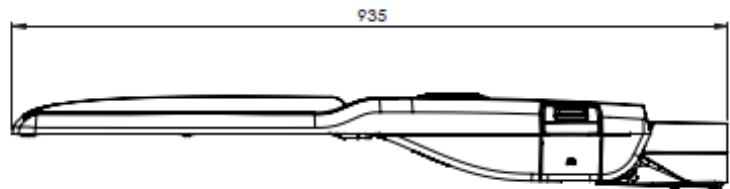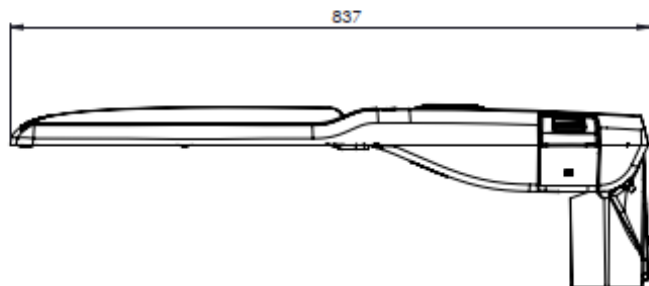|	
Light Source	High Power CSP LEDs
Number of LEDs	256 (128 x 2)
Power Consumption	75 - 360W
Correlated Colour Temperature	Neutral white, 4000K (Warm 3000K option)
Glare Class	Up to G6
Colour Rendering Index	>70
Optical Cover	Flat Glass - Tested to IK09
Luminaire Luminous Flux	11000 - 58640lm
Luminaire Efficacy	Up to 165 lm/W
Electrical Class	I
Control System Input	1-10V and DALI
Lumen Maintenance Output	L90 > 100,000 hours (1050mA, Ta = 25°C)
Driver Current	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, ANSI 7-pin NEMA, Zhaga Book 18 socket(s), Wireless CMS options
Operating Temperature	-40°C to +50°C
Raised Ambient Operation	+50°C (up to 500mA driver current)
Installation Height	8 - 15m
Installation	SE Ø 34-42mm or Ø 42-60mm PT Ø 42-60mm or Ø 60-76mm
Post Top / Side Entry Tilt	-10°, -5°, 0°, 5°, 10°
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)	0.042m²
Weight	14.5kg

P861₄ₓ₄

TECHNICAL DATASHEET

42mm Side Entry

60mm Side Entry

76mm Post Top

Available accessories :-

Safety lanyard
Bubble level
External shields, front, back and sides
Internal rear shield
Bird spikes