



P852K

TECHNICAL DATASHEET

P852K is a high-quality, low-cost solution to replace existing sodium discharge and compact fluorescent luminaires on minor roads and residential areas.

P852K has been designed to meet the most demanding lighting requirements, being easy to install and maintain. It combines the latest LED light source with state-of-the-art design, achieving long life for both LEDs and drivers. The installation is simple and fast, and the luminaire is easily upgradable on-site if required.

Available in 12 LED and 24 HE Versions with Luminaire Efficacy up to 173 lm/W.

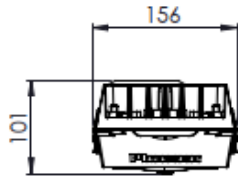


SPECIFICATION

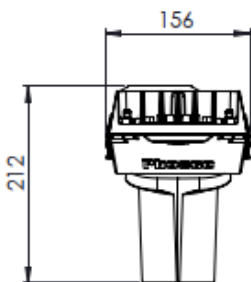
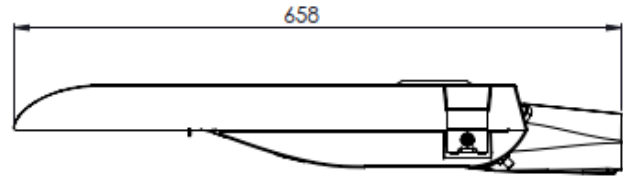
Feature	24 HE	12
Light Source	High power 5050 LEDs	Philips Fastflex DPX G4 LED module
Number of LEDs	24	12
Power Consumption	11 - 58W	9 - 5W
Correlated Colour Temperature	4000K, 3000K, 2700K, 2200K	Neutral white, 4000K or warm white 3000K
Glare Class	Up to G3	
Colour Rendering Index	>70	
Optical Cover	PMMA or PC Lenses	
Luminaire Luminous Flux	1511 ~ 9338 lm	1028 ~ 6360 lm
Luminaire Efficacy	Up to 167 lm/W	Up to 125 lm/W
Electrical Class	I	
Control System Input	DALI	
Lumen Maintenance Input	L90 > 100,000 hours (1200mA, Ta = 25°C)	L80 > 100,000 hours (1000mA, Ta = 25°C) L90 > 100,000 hours (750mA, Ta = 15°C)
Driver Current	200mA ~ 1200mA	200mA ~ 1500mA (in 50mA steps)
Surge Protection	10kV Com. Mode 6 kV Diff. Mode to IEC 61000-4-5	
Dimming Control	Multi step dimming	
Lighting Regulation	Mini Photocell, 7-pin ANSI NEMA Socket, Zhage book 18 socket(s), Wireless CMS options	
Operating Temperature	-40°C to +30°C	
Installation Height	5-12m	
Installation	SE Ø 34-42mm or Ø42-60mm, 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	High pressure die cast LM6 aluminium (polyester powder coat cured under heat)	
Colours	Polyester powdercoat in RAL colours. Light grey (RAL7035), other RAL colours available on request	
Ingress Protection	IP66	
Wind Area (SCx)	0.040m ²	0.040m ²
Weight	5.2kg	5.0kg

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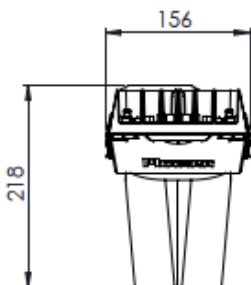
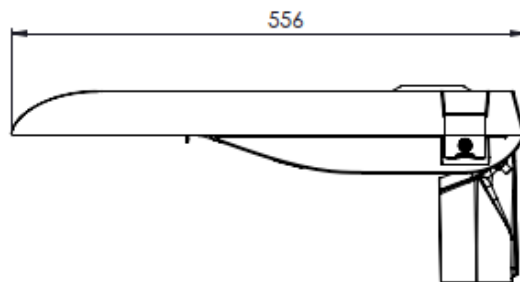
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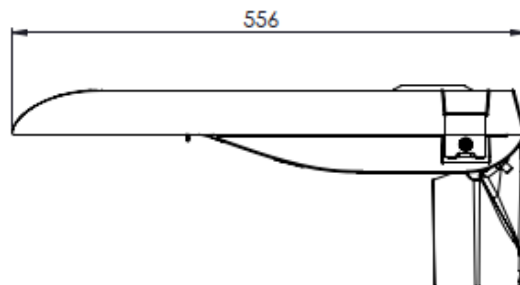
60mm Side Entry



60mm Post Top



76mm Post Top



Accessories :-

Front back and side external shields available