



Sample Specification Text

Sofia contemporary post top luminaire with 16 LED light engine and fully programmable driver. 3,000K colour temperature using Diamond+ A1 optic technology. Aluminium body in RAL 9005 black with a smooth polyester powder coat finish and flat toughened glass glazing. IP66 and IK10 protection. 100,000 hour (L90 B10) lifetime. For -40 °C to +40 °C ambient operating temperatures. Class I.

Performance

Output (luminaire flux)	6,000lm (max)
Power	55W (max)
Efficacy	140lm/W (max)
Number of LEDs	8 / 16
Colour Temperatures	2,700K 3,000K 4,000K
CRI	70
Distributions	Roads - Diamond+ A1/2/3/5/6 Pathways - Diamond+ B1/2/3 Areas - Diamond+ C1/2/6 Crossings - Diamond+ ZR/ZL/ZF
Certifications	UKCA, CE

Mechanical

Mounting Options	Post top Ø76mm
Glazing	Flat toughened glass
Housing	Aluminium
Colours	Black RAL 9005 Mid Grey RAL 7046 Light Grey RAL 7035 (other RAL colours on request)
Finish	Smooth polyester powder coat
IP Rating	IP66
IK Rating	IK10
Weight	10.5kg
Windage	0.148m ²

Electrical

Driver Options	DALI (fully programmable with Constant Light Output enabled)
Drive Current Range	250-1050mA
Operating Voltage	220-240V
Surge Protection	6-8kV standard (dependent on LED quantity). 10kV on available on request.
Electrical Class	Class I (Class II on request)
Operating Temperature Limit	-40 °C to +40 °C
Rated Lifetime	100,000 hours (L90)
Wiring	Supplied with 6m cable tail

Controls

Control Options	Switched on/off Photocell Part night switching Pre-programmed dimming NEMA / Zhaga Book 18 sockets Compatible with all available CMS systems
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