

Sofia

A contemporary take on
a traditional luminaire



Features & Benefits

A modern take on traditional post top luminaire with an open sided design for minimised windage

All the flexibility and performance of our functional streetlight ranges but in a more contemporary appearance

Offered with our Diamond+ optic range. Choose from 14 different distributions to ensure light is only placed where needed

Options

Sofia 1: (8 LEDs) for mounting at 3-5 metres

Sofia 2: (16 LEDs) for mounting at 4-6 metres

Optical Control

Diamond+ A Optic: Roads (A1 / A2 / A3 / A5 / A6)

Diamond+ B Optic: Pathways (B1 / B2 / B3)

Diamond+ C Optic: Areas (C1 / C2 / C6)

Diamond+ Z Optic: Crossings (ZL / ZR / ZF)

Lifetime

100,000 hours L90 B10

Total Luminaire Lumens

Sofia 1: 700 - 3,100 lm (7 - 31W)

Sofia 2: 1,378 - 6,000 lm (12 - 55W)

Luminaire Efficacy

Up to 140lm/W

Colour Temperature

2700K / 3000K / 4000K

Colour Rendering Index

70Ra

Drive Current

250mA - 1050mA (in 50mA increments)

Mounting

Direct post: Ø60mm

Control

CLO: Constant Light Output enabled - for energy savings and dependable light throughout the lifetime of the luminaire

Switch: On/off through conventional PEC, Miniature or NEMA

Dim: Factory set dimmed / customer specified dimming

CMS: Compatible with all available CMS systems

Colours

RAL 9005 Black

RAL 7046 Mid grey

RAL 7035 Light grey

(Other RAL colours available on request)

Materials

Body: High-pressure die-cast aluminium

Glazing: Toughened glass

Seals: Silicone

Finish: Polyester powder coat

Installation & Maintenance

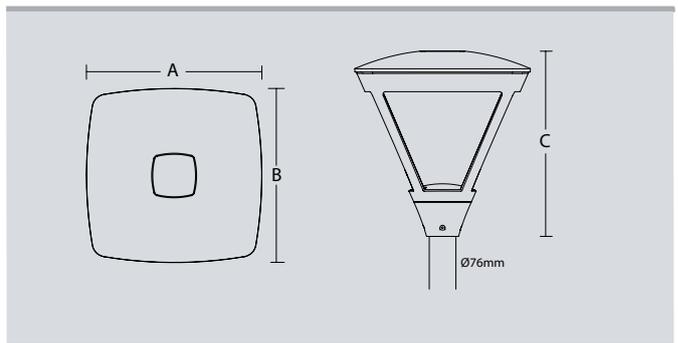
Supplied complete with 6m cable tail

Includes Support Tag for easy luminaire maintenance

Surge protection: 6-8kV as standard (dependant on LED qty.) 10kV available on request

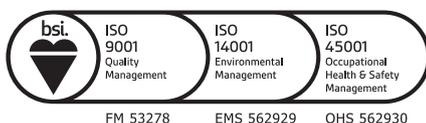
Operational temperature range: -20°C to +40°C

Dimensions



	Dimensions (mm)			Weight (kg)W	indage
	AB		C		
Sofia	500	500	532	10.5	0.148m ²

* Class II on request



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