

Sofia

A contemporary take on
a traditional luminaire



Sofia

IP66 | IK10 | CLASS I

Features:

Contemporary take on traditional post top luminaire design

Open sided lantern for minimised windage

All the flexibility and performance of our Kirium Pro streetlight range

Extensive optical solutions; introducing Diamond+ the ultimate in flexible, precise lighting control. 23 standard optical solutions available

Options:

Sofia 1 (8 LEDs) for mounting at 4-6m

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

Optical control:

Diamond+ A Optic – Wide Road (A1, A2, A3, A4, A5)

Diamond+ B Optic – Footpath (B1, B2, B3, B4, B5)

Diamond+ C Optic – Area (C1, C2, C3, C4, C5)

Diamond+ D Optic – Standard Road (D1, D2, D3, D4, D5)

Diamond+ Z Optic – Pedestrian Crossing (ZL, ZR, ZF)

Light source:

LUXEON TX

L90 lifetime prediction:

In excess of 100,000 hours

Total luminaire lumens:

Sofia 1: 700 - 3100lm (7-31W)

Sofia 2: 1378 - 6000lm (12-55W)

Colour temperature:

2700K (very warm white)

3000K (warm white)

4000K (neutral white)

Colour rendering index:

70Ra

Drive current:

From 200mA-1000mA (in 50mA increments)

Mounting:

Post top [76mm Ø]

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

RAL colours available on request

Materials:

Body: High pressure die-cast aluminium

Glazing: Toughened glass

Seals: Silicone

Finish: Polyester powder coat

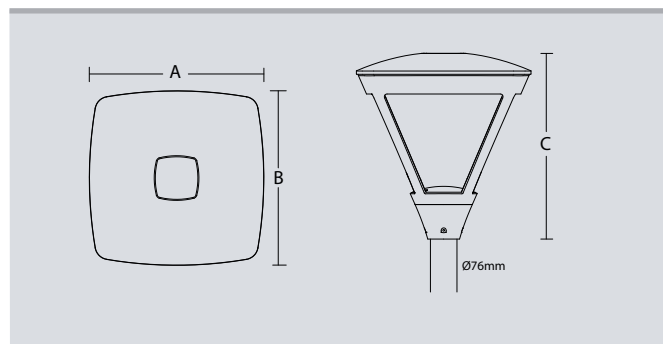
Installation:

Supplied complete with 6m cable tail

New short form UMS codes available on our website

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

Dimensions:



	Dimensions (mm)			Weight (kg)	Windage
	A	B	C		
Sofia	500	500	532	10.5	0.148m ²

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