



## Sofia

A contemporary  
take on a traditional  
post top 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 power coat

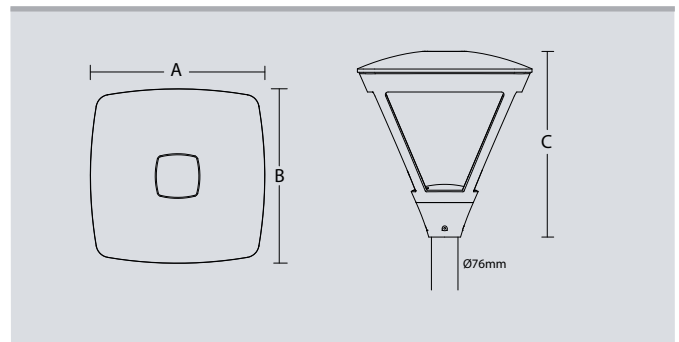
### Installation:

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 <sup>2</sup>

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