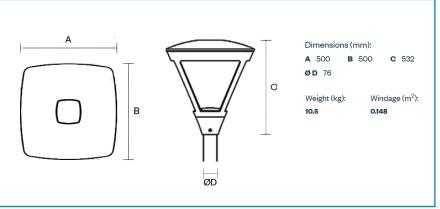


Sofia





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)

Power 55W (max)

Efficacy Number of LEDs 140lm/W (max) 8 / 16

6.000lm (max)

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

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 0.148m2

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 will all available

CMS systems