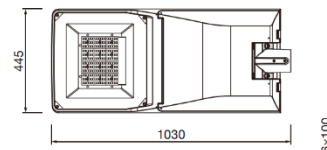


Midi
Ø60mm
Ø76mm (via adapter)



Max
Ø60mm
Ø76mm

Sample Specification Text

Sierra Solar Midi contemporary post top luminaire with 126 LED 30W light engine. Integrated 45W monocrystalline solar panel with 22% efficiency. 3,000K colour temperature using a Road Type 1 optic. Aluminium body in RAL 9007 metallic grey with a polyester powder coat finish and flat toughened glass glazing. IP66 and IK08 protection. 100,000 hour (L90 B10) lifetime. With 12.8V/42Ah/538Wh integral lithium iron phosphate (LiFePO4) battery and solar charge controller. Class III.

Performance

Output (max. luminaire flux)	6,100lm (Midi) 9,700lm (Max)
Power	30W (Midi) 50W (Max)
Number of LEDs	126 (Midi) 168 (Max)
Colour Temperatures	3,000K / 4,000K
Colour Rendering Index (CRI)	70
Distributions	Road - Type 1 / Type 2 Area - Asymmetric
Certifications	UKCA, CE

Mechanical

Mounting Options	Post top/side entry Ø60/76mm
Glazing	Flat toughened glass
Housing	Aluminium
Colours	Black RAL 9005 Metallic Grey RAL 9007
Finish	Polyester powder coat with a matt finish
IP Rating	IP66
IK Rating	IK08
Weight	17.5kg (Midi) 23.5kg (Max)
Windage	0.060m ² (Midi) 0.093m ² (Max)

Electrical

Driver Options	Switched (on/off) Dimmable
Solar Panel Type	Monocrystalline
Solar Panel Power	18V / 45W (Midi) 18V / 75W (Max)
Solar Panel Efficiency Rating	22%
Battery Type	Lithium iron phosphate (LiFePO4)
Battery Options	12.8V / 42Ah / 538Wh (Midi) 12.8V / 72Ah / 922Wh (Max)
Electrical Class	Class III
Solar Charge Controller	Integral
Rated Lifetime	100,000 hours (L90 B10)

Controls

Control Options	Dimming set via solar charge controller Presence detector
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