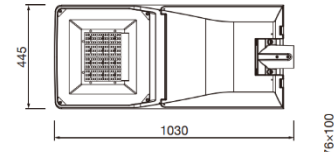


**Midi**  
Ø60mm  
Ø76mm (via adapter)



**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

<b>Output (max. luminaire flux)</b>	6,100lm (Midi) 9,700lm (Max)
<b>Power</b>	30W (Midi) 50W (Max)
<b>Estimated Autonomy</b>	up to 3 days with presence detection enabled
<b>Number of LEDs</b>	126 (Midi) 168 (Max)
<b>Colour Temperatures</b>	3,000K / 4,000K
<b>Colour Rendering Index (CRI)</b>	70
<b>Distributions</b>	Road - Type 1/ Type 2 Area - Asymmetric
<b>Certifications</b>	UKCA, CE

## Mechanical

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

## Electrical

<b>Driver Options</b>	Switched (on/off) Dimmable
<b>Solar Panel Type</b>	Monocrystalline
<b>Solar Panel Power</b>	18V / 45W (Midi) 18V / 75W (Max)
<b>Solar Panel Efficiency Rating</b>	22%
<b>Battery Type</b>	Lithium iron phosphate (LiFePO4)
<b>Battery Options &amp; Estimated Autonomy</b>	12.8V / 18Ah / 230Wh (Midi ~ 1 day) 12.8V / 36Ah / 461Wh (Midi ~ 2 days) 12.8V / 42Ah / 538Wh (Midi ~ 3 days) 12.8V / 30Ah / 384Wh (Max ~ 1 day) 12.8V / 54Ah / 692Wh (Max ~ 2 days) 12.8V / 72Ah / 922Wh (Max ~ 3 days)
<b>Electrical Class</b>	Class III
<b>Solar Charge Controller</b>	Integral
<b>Rated Lifetime</b>	100,000 hours (L90 B10)

## Controls

<b>Control Options</b>	Dimming set via solar charge controller Presence detector
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