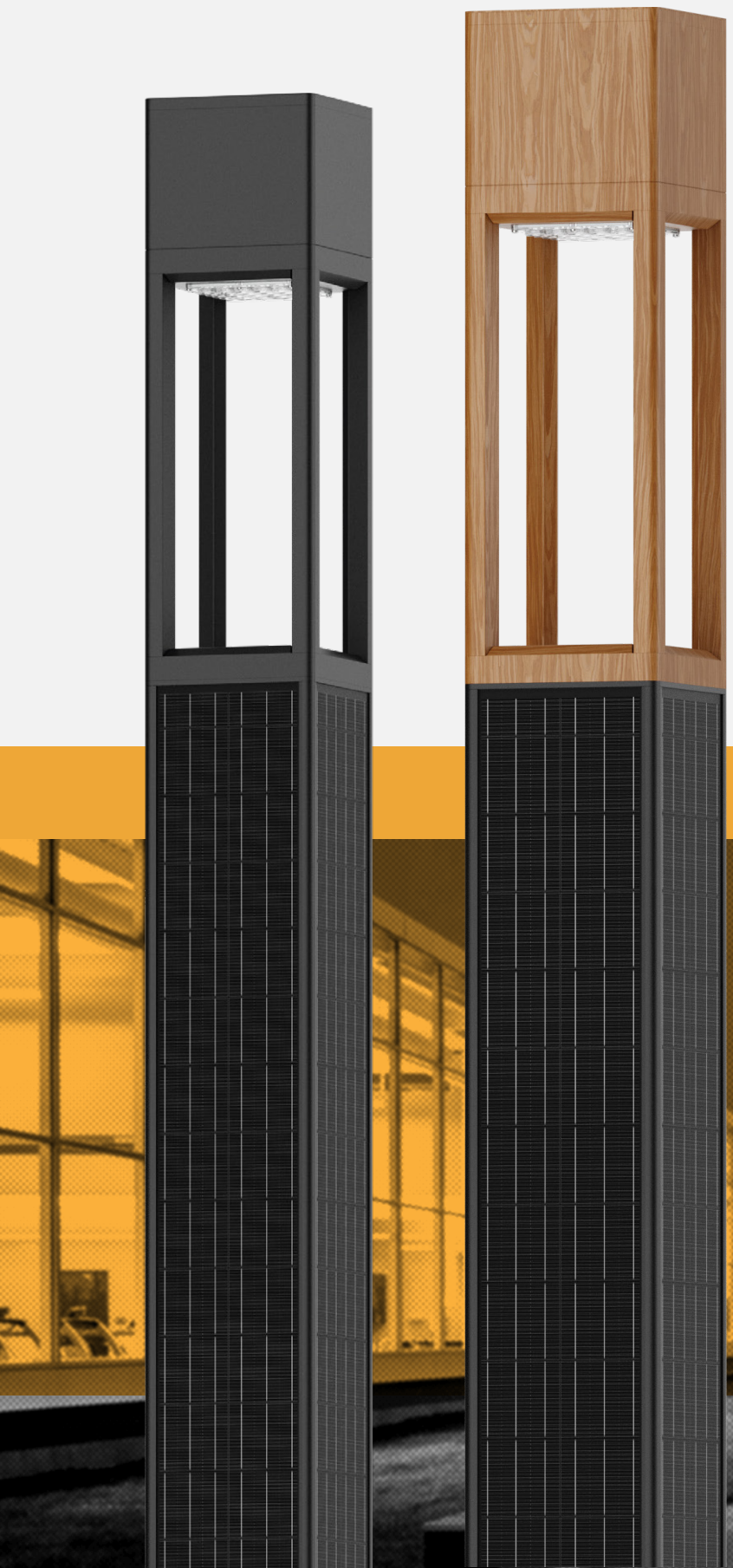
LightSource SOLAR
AUSTRALIA



SolVert
PILLAR 360

Solar Architectural Pathway Light

2.8~5.2M



SolVert PILLAR

Solar Architectural Pathway Light

SolVert PILLAR — Architectural elegance in light. Standing tall between technology and art, SolVert PILLAR delivers powerful illumination and refined design.Its vertical solar system ensures enduring brightness for gardens and courtyards.





SolVert PILLAR

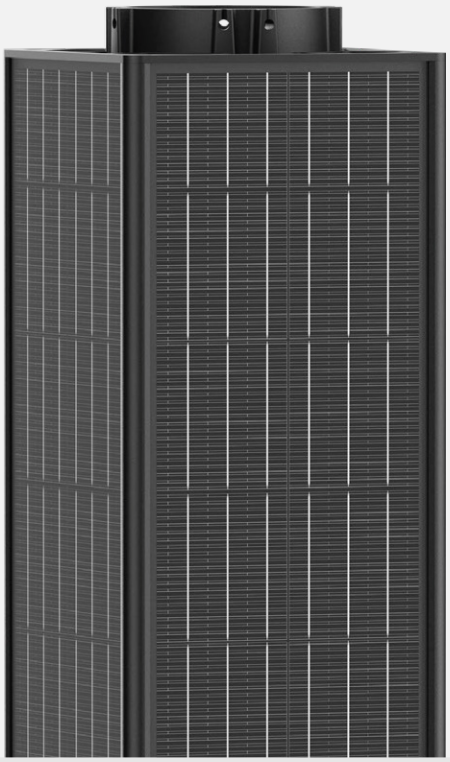
Solar Architectural Pathway Light

200lm/W

High-brightness LED

Deliver bright illumination with low power consumption and long lifespan.





Square Solar Modules

Capture sunlight from multiple angles for improved energy generation.



98%
Efficiency

MPPT Charging Controller

maximizes energy efficiency ensuring longer battery life and consistent illumination without blackout.



LiFePO4 Battery

Grade A+ Battery cell with high uniformity of internal resistance and charging and discharging.

Vertical
Solar Module

Monocrystalline Solar Panel

360° Full Day Charging

Half area of solar panel is facing to sun all the time to ensure continuous charging all day long, generating more power

Modular Installation

Designed with a modular structure for faster assembly, easier maintenance, and flexible component replacement, reducing installation time and service costs.

No Sand & Dust Accumulation

Sand & dust will not accumulate on the vertically installed solar panel. no need to clean the solar panels frequently

No Snow Accumulation

The vertically mounted solar cylinder prevents snow buildup, ensuring reliable power generation even in snowy climates.

Strong Wind Resistance

With smaller wind resistance area and stronger installation bracket it has very great wind resistant performance up to 160km/H.

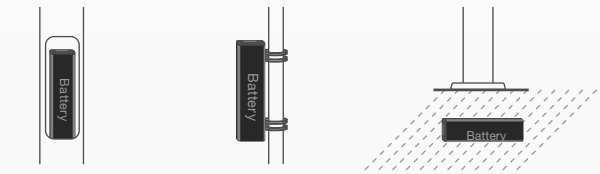
Aesthetics Appearance

All the mounting poles adopted vertical PV cylinder blend into environments perfectly without disturbing the beauty of the view.





Modular
Battery Pack
Built into Poles I Outside of Poles



Inside the pole | Outside the pole | Buried in the ground

Flexible Installation
Supports both in-pole and external pole-mounted installation for maximum project flexibility.

LiFePO4 Technology
High-quality $LiFePO_4$ batteries deliver exceptional safety, high energy density, and over 4,000 charge cycles.

Intelligent BMS
Integrated Battery Management System protects against overcharge, over-discharge, overcurrent, and short circuits.

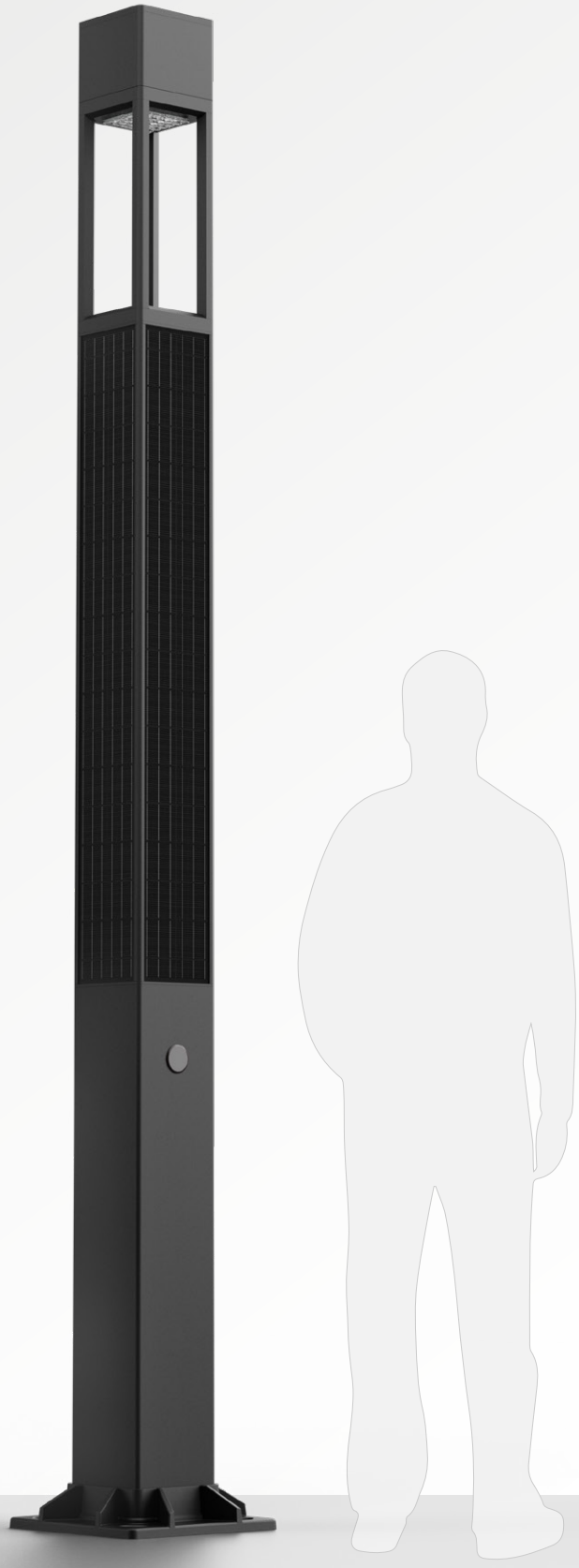
Efficient Heat Dissipation
Corrosion-resistant aluminum enclosure provides excellent heat dissipation and long-term outdoor durability.

Modular Design
Modular construction enables quick installation, easy replacement, and simplified maintenance.

Aesthetic Uniformity
Built into the pole for a clean, elegant, and integrated lighting solution.

2.8m I 4,800lm

LightSource SOLAR AUSTRALIA



SolVert PILLAR

Solar Architectural Pathway Light

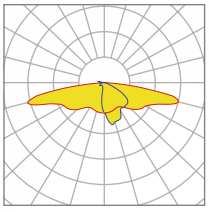
Model	**SP-280H**
Dimension	188*188*2800mm
Max LED Power	24W
Luminous Flux	4,800lm
LED Chips	SMD5050 5W/LED max
LED Lifetime	100,000H
CRI	Ra ≥76
CCT	2200K / 3000K / 4000K / 6000K
Solar Panel	18V 164Wp MONO*1nos
Total power	164Wp
Cell Efficiency	22.5%
Lifetime	>20 years
Battery Capacity	12.8V 24AH
Lifetime	4,000 cycles D.O.D 80%
IP&IK Protection	IP65 IK08
Material	Aluminum Alloy
Color	Wood / Black / Customized
Sensor Type	Microwave / PIR (optional)
Warranty	5 Years

Regular Finish Colors

Black Black Walnut

Customizable Finish Colors

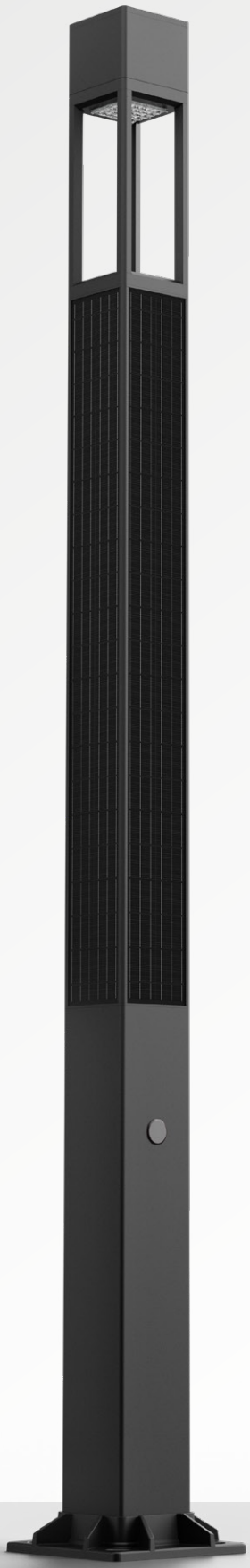
Grey White Oak Pine



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3.2m I 6,000lm

LightSource SOLAR AUSTRALIA



SolVert PILLAR

Solar Architectural Pathway Light

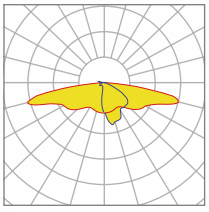
Model	**SP-320H**
Dimension	188*188*3200mm
Max LED Power	30W
Luminous Flux	6,000lm
LED Chips	SMD5050 5W/LED max
LED Lifetime	100,000H
CRI	Ra ≥76
CCT	2200K / 3000K / 4000K / 6000K
Solar Panel	18V 188Wp MONO*1nos
Total power	188Wp
Cell Efficiency	22.5%
Lifetime	>20 years
Battery Capacity	12.8V 30AH
Lifetime	4,000 cycles D.O.D 80%
IP&IK Protection	IP65 IK08
Material	Aluminum Alloy
Color	Wood / Black / Customized
Sensor Type	Microwave / PIR (optional)
Warranty	5 Years

Regular Finish Colors

Black Black Walnut

Customizable Finish Colors

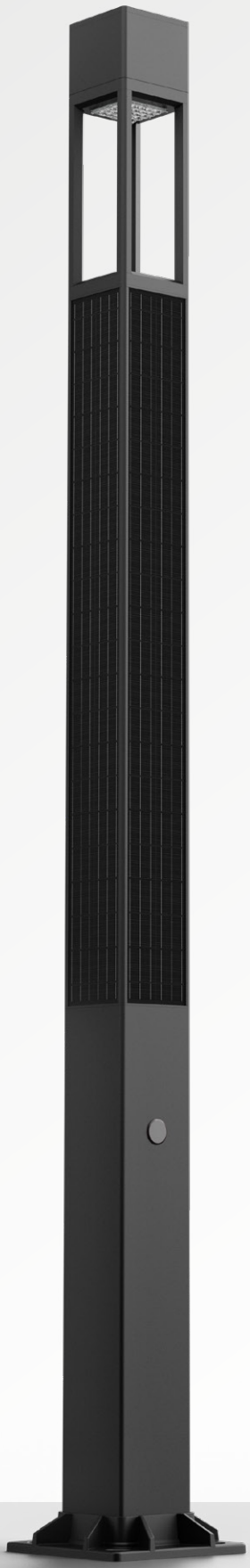
Grey White Oak Pine



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3.2m I 6,000lm

LightSource SOLAR AUSTRALIA



SolVert PILLAR

Solar Architectural Pathway Light

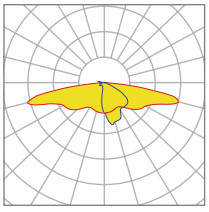
Model	**SP-320H**
Dimension	188*188*3200mm
Max LED Power	30W
Luminous Flux	6,000lm
LED Chips	SMD5050 5W/LED max
LED Lifetime	100,000H
CRI	Ra ≥76
CCT	2200K / 3000K / 4000K / 6000K
Solar Panel	18V 188Wp MONO*1nos
Total power	188Wp
Cell Efficiency	22.5%
Lifetime	>20 years
Battery Capacity	12.8V 30AH
Lifetime	4,000 cycles D.O.D 80%
IP&IK Protection	IP65 IK08
Material	Aluminum Alloy
Color	Wood / Black / Customized
Sensor Type	Microwave / PIR (optional)
Warranty	5 Years

Regular Finish Colors

Black Black Walnut

Customizable Finish Colors

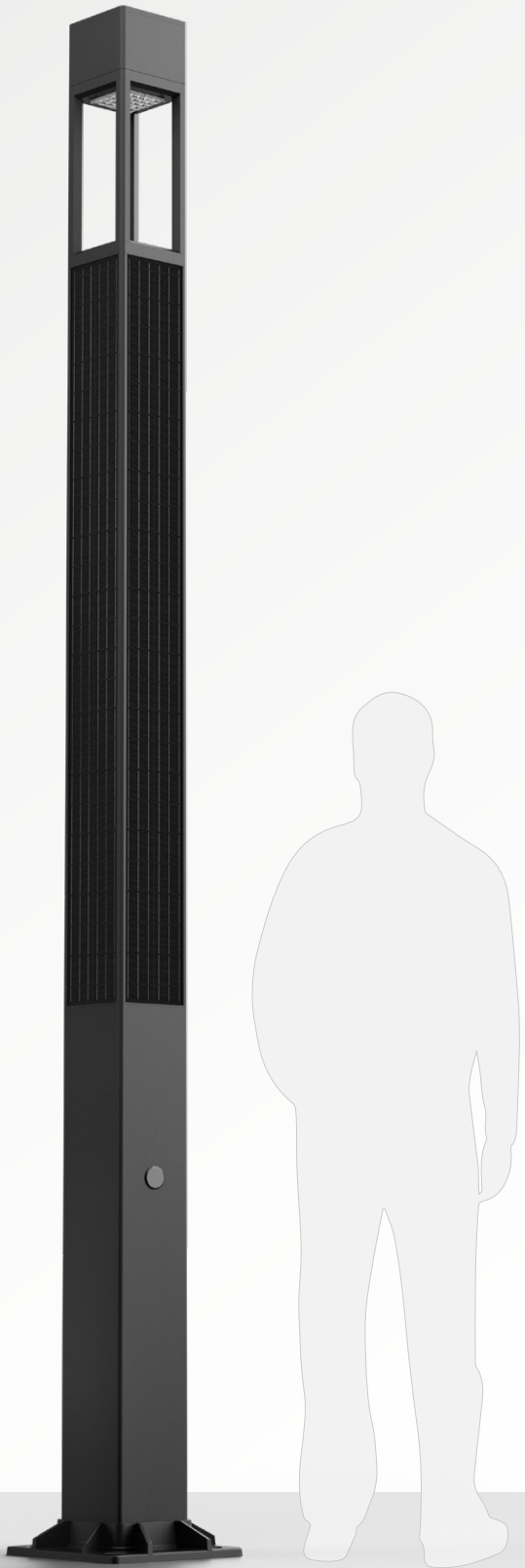
Grey White Oak Pine



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3.6m I 7,200lm

LightSource SOLAR AUSTRALIA



SolVert PILLAR

Solar Architectural Pathway Light

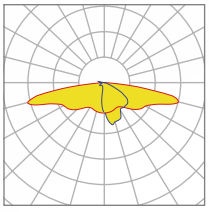
Model	**SP-360H**
Dimension	188*188*3600mm
Max LED Power	36W
Luminous Flux	7,200lm
LED Chips	SMD5050 5W/LED max
LED Lifetime	100,000H
CRI	Ra ≥76
CCT	2200K / 3000K / 4000K / 6000K
Solar Panel	18V 220Wp MONO*1nos
Total power	220Wp
Cell Efficiency	22.5%
Lifetime	>20 years
Battery Capacity	12.8V 36AH
Lifetime	4,000 cycles D.O.D 80%
IP&IK Protection	IP65 IK08
Material	Aluminum Alloy
Color	Wood / Black / Customized
Sensor Type	Microwave / PIR (optional)
Warranty	5 Years

Regular Finish Colors

Black Black Walnut

Customizable Finish Colors

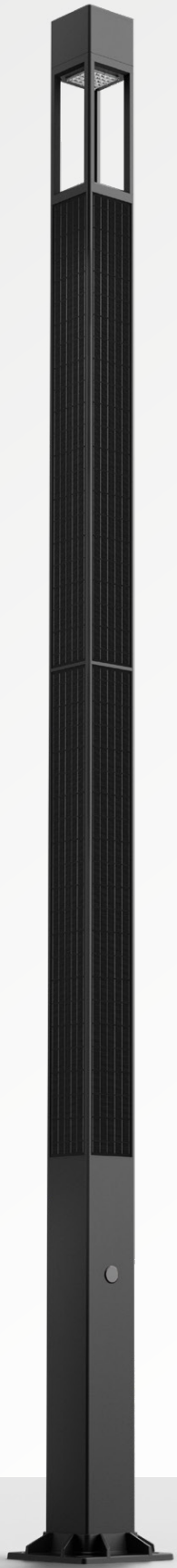
Grey White Oak Pine



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4.8m I 9,600lm

LightSource SOLAR AUSTRALIA



SolVert PILLAR

Solar Architectural Pathway Light

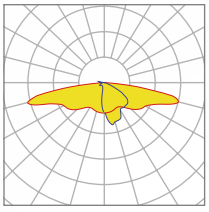
Model	**SP-480H**
Dimension	188*188*4800mm
Max LED Power	48W
Luminous Flux	9,600lm
LED Chips	SMD5050 5W/LED max
LED Lifetime	100,000H
CRI	Ra ≥76
CCT	2200K / 3000K / 4000K / 6000K
Solar Panel	18V 188Wp MONO*2nos
Total power	376Wp
Cell Efficiency	22.5%
Lifetime	>20 years
Battery Capacity	12.8V 48AH
Lifetime	4,000 cycles D.O.D 80%
IP&IK Protection	IP65 IK08
Material	Aluminum Alloy
Color	Wood / Black / Customized
Sensor Type	Microwave / PIR (optional)
Warranty	5 Years

Regular Finish Colors

Black Black Walnut

Customizable Finish Colors

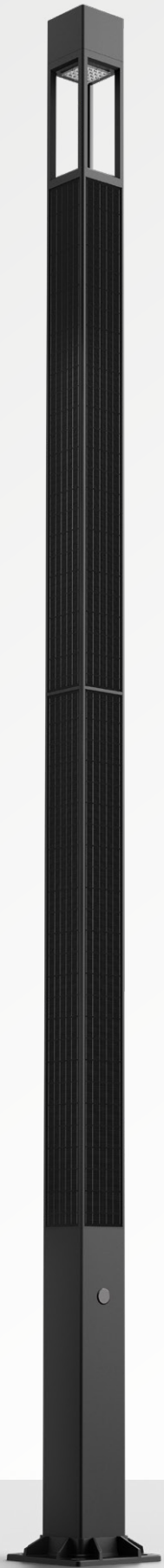
Grey White Oak Pine



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5.2m I 12,000lm

LightSource SOLAR AUSTRALIA



SolVert PILLAR

Solar Architectural Pathway Light

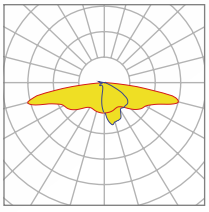
Model	**SP-520H**
Dimension	188*188*5200mm
Max LED Power	60W
Luminous Flux	12,000lm
LED Chips	SMD5050 5W/LED max
LED Lifetime	100,000H
CRI	Ra ≥76
CCT	2200K / 3000K / 4000K / 6000K
Solar Panel	18V 220Wp MONO*2nos
Total power	440Wp
Cell Efficiency	22.5%
Lifetime	>20 years
Battery Capacity	12.8V 60AH
Lifetime	4,000 cycles D.O.D 80%
IP&IK Protection	IP65 IK08
Material	Aluminum Alloy
Color	Wood / Black / Customized
Sensor Type	Microwave / PIR (optional)
Warranty	5 Years

Regular Finish Colors

Black Black Walnut

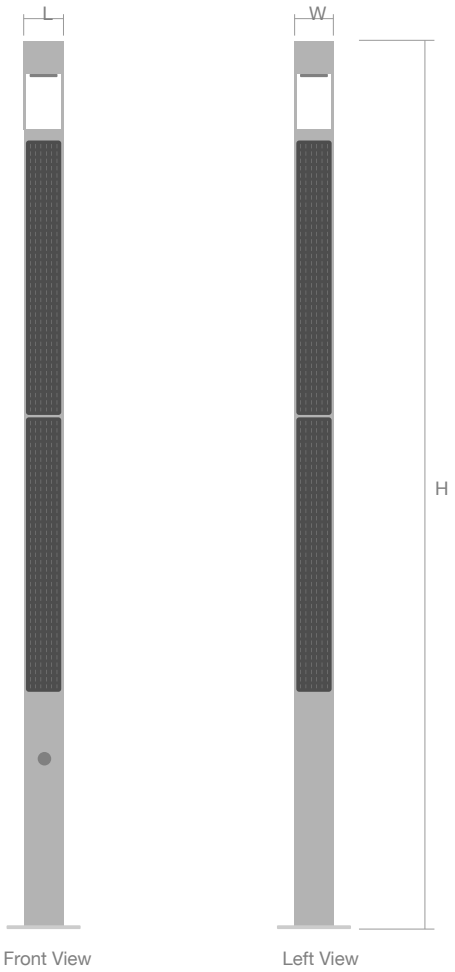
Customizable Finish Colors

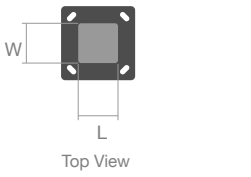
Grey White Oak Pine

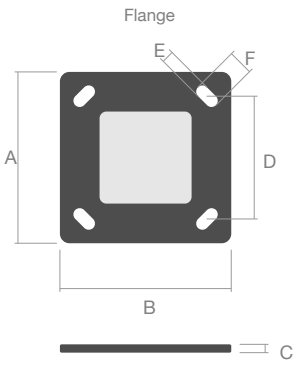


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DIMENSIONS







Dimensions (Unit : mm)

Model name	L (length)	W (width)	H (height)
SP-280H	188	188	2800
SP-320H	188	188	3200
SP-360H	188	188	3600
SP-420H	188	188	4200
SP-480H	188	188	4800
SP-520H	188	188	5200

Flange Dimensions (Unit : mm)

Model name	A (length)	B (width)	C (Thickness)	D (Hole spacing)	E (hole length)	F (hole width)
SP-280H	330	330	16	250	24	43
SP-320H	330	330	16	250	24	43
SP-360H	330	330	16	250	24	43
SP-420H	330	330	16	250	24	43
SP-480H	330	330	16	250	24	43
SP-520H	330	330	16	250	24	43

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