

VERTICAL

SOLAR OUTDOOR LIGHTING



SUNRAY SOLUTIONS

SPECIFICATIONS



LED Source	LED
CCT	3000K/4000K/6000K
Lumen Output	2800LM
	<i>*Higher lumen output available with added solar panels and luminaire height.</i>
Efficiency	180-200lm/W
Power	14W
LED Life	>100,000 hours
Beam angle	:90°/ 151°81°/158°95
Solar Module	Monocrystalline silicon cells
Efficiency	25%
Solar Power	4*30W
Solar Tube Size	150*150*1642mm
Material	6063Al
Battery	LiFePO4 / 460.8Wh (12.8 V 36Ah)
Operating Temperature	-20°C to 60°C
Battery Life	>5 years
Protection Class	IP65
Material	Steel pole and aluminum parts
Finish	Galvanized and powder coat
Flange size	250*250*10MM
Anchor cage size	180*180*400MM
Height	4M

Descriptions

A vertical square solar pole street light is an innovative and sustainable solution for urban and rural lighting needs. It combines solar energy technology with a sleek, space-saving design, making it ideal for modern infrastructure.

Innovative Design: Combines functionality with modern aesthetics.

Sustainability: Harnesses renewable energy to reduce environmental impact.

Cost Savings: Lowers energy and maintenance costs over time.

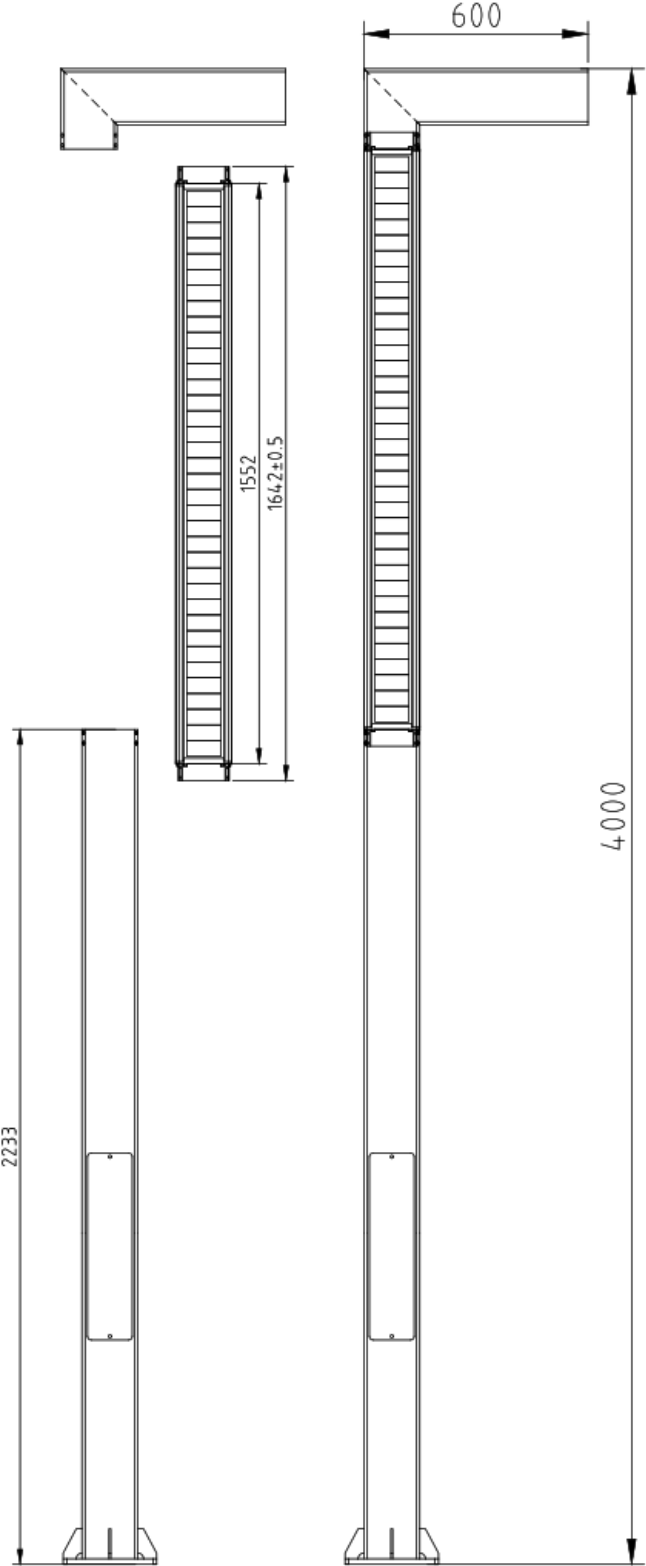
Reliability: Provides consistent lighting even in adverse weather conditions.

Scalability: Can be deployed in various settings, from small streets to large-scale urban projects.

Durability and Weather Resistance: Built with robust materials to withstand harsh weather conditions, including rain, wind, and extreme temperatures. The vertical design reduces the risk of snow or debris accumulation on the solar panels, ensuring consistent performance.

Easy Installation and Maintenance: The all-in-one design simplifies installation, requiring minimal wiring and infrastructure. Low maintenance requirements due to the self-cleaning nature of vertical panels and the long lifespan of LED lights.

System Size



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