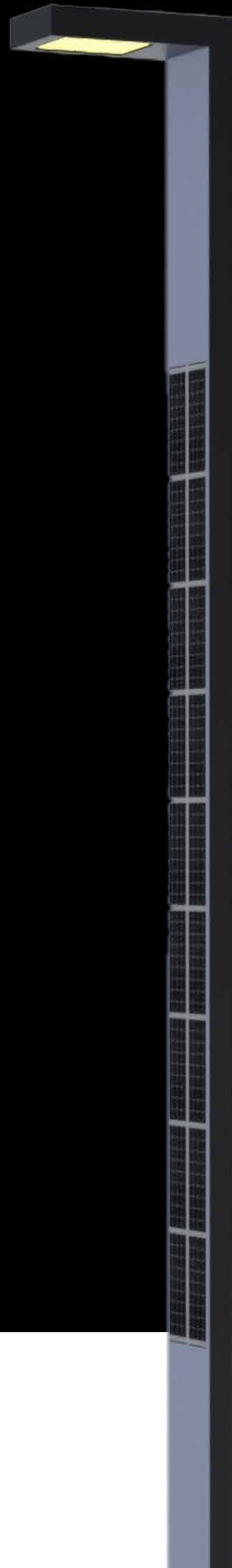


DATA SHEET

Jameel

Jameel is a customizable aluminium solar mast characterized by vertically integrated photovoltaic cells mounted on all two faces of the triangular profile.

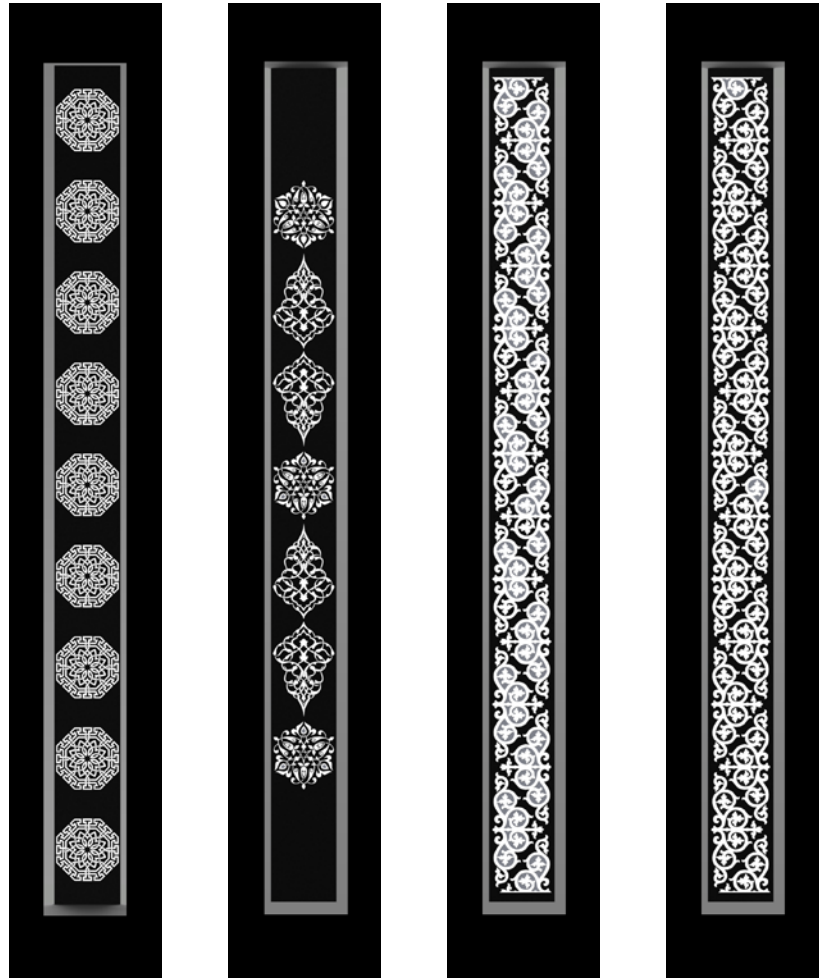
It comes in 3-5 meter height, and has a simple, yet elegant design that Scandinavian lighting design is known for.





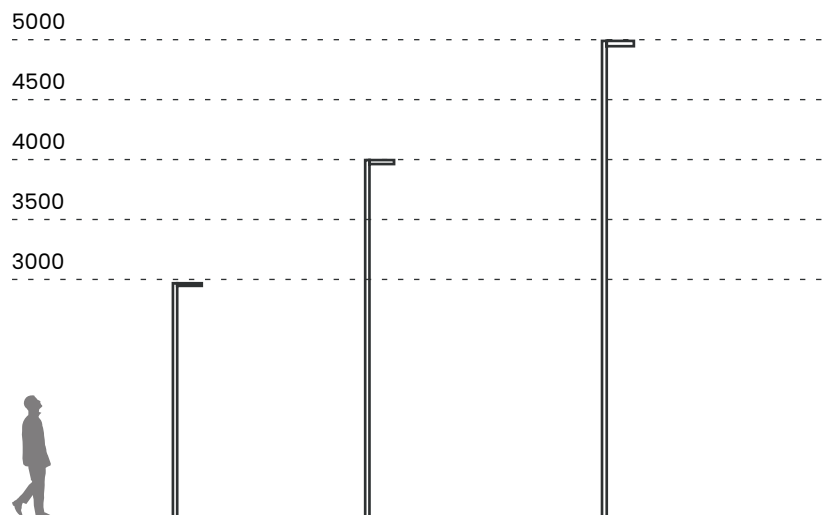
OPTIONS OF THE SOLAR LIT SUN MODEL

- available in various customized pattern and wooden cladding



HEIGHT OPTIONS:

Solar Lit Sun



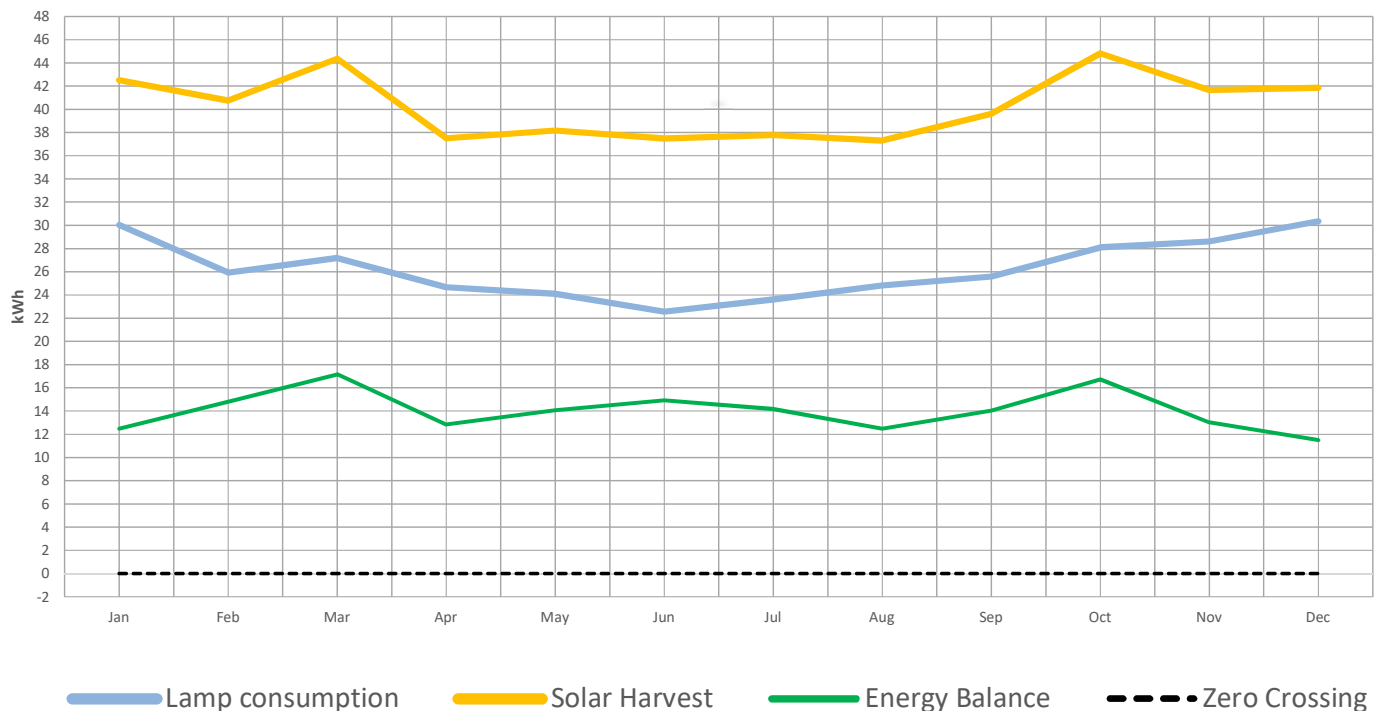
DIMENSIONS	MATERIAL	PHOTO-VOLTAIC ELEMENTS
Height 3-5m	Extruded aluminum profile	Mono crystalline solutions
Rectangular profile with 200mm x 63mm dimensions	Natural Anodized 25my	Energy production Watt Peak (two sides) Solar PB 170Wp
PV modules length 2,45m (with solar PV installed on 2 sides of the pole)	Aluminum EN AW6063-T6	Maximum voltage 22V
	Wind load up to 160km/h	Max charge current 10A
POWER MANAGEMENT	BATTERY TECHNOLOGY	OTHER FEATURES
Operating modes: » Standalone	Prepared for external battery chamber with following BMS options: » AGM, Lead-Crystal » NimH » Li-ion » LiFePO4 Contact sales team for available options and battery sizes	» Options of pattern cut and Wooden cladding desing » Back Lit and Decorative lighting option » Branding options » In-built passive ventilation solution Mounting on 4x20mm bolts
Operating temperature: -25C... + 65C		
Control system: Smart controller with Battery Management System (BMS)		

SMART CITY FUNCTIONALITY

The column can host sensors and a variety of Smart City add-ons.

ENERGY CALCULATOR

Energy Data for Jameel



Empowering energy solutions for street lighting and infrastructure

Sunio is a prominent importer of renewable energy solutions and has a rich history of pioneering sustainable practices and contributing to the clean energy transition in the United Arab Emirates. Founded in 2023 we embarked on a mission to introduce cutting-edge renewable technologies to the UAE market, promoting environmental consciousness and energy independence.

We recognized the growing need for sustainable energy alternatives in the UAE, considering the region's abundant natural resources and the global shift towards clean energy.

We are dedicated to sourcing and importing the latest renewable energy solutions from around the world. Working closely with renowned manufacturers and industry experts, we have curated a diverse portfolio of high-quality products, including solar street light solutions, solar panels, energy storage systems, and other sustainable technologies.

Through strategic partnerships and collaborations, we play a pivotal role in introducing and popularizing renewable energy solutions across the UAE. We actively engage with government entities, private enterprises, and individuals, raising awareness about the benefits of clean energy and facilitating its adoption on a large scale.

Driven by a vision of sustainability and a passion for environmental stewardship, we have actively contributed to the UAE's ambitious clean energy targets. By importing and providing access to advanced renewable technologies, we have helped the UAE reduce its carbon footprint, diversify its energy mix, and foster a more sustainable and resilient economy.

As a trusted importer of renewable energy solutions, we continue to empower individuals, businesses, and organizations to embrace clean energy alternatives, reduce their environmental impact, and contribute to a greener future for the UAE.