

Poste Solar Autônomo

SUSTAINABLE, INDEPENDENT, AND EFFICIENT.

DESIGNED TO ILLUMINATE ROADS, YARDS, FARMS, MINING SITES, RESIDENTIAL COMPLEXES, AND REMOTE AREAS, WITH FULL AUTONOMY AND WITHOUT RELYING ON THE ELECTRICAL GRID.



Information

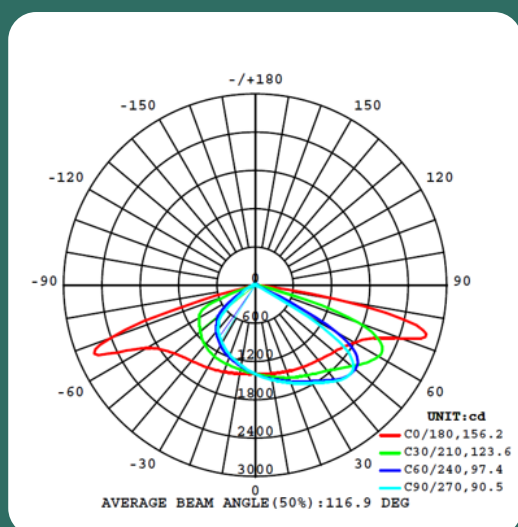
GENERAL DESCRIPTION

LED luminaire with a durable aluminum body, either die-cast or injected, manufactured according to international standards. It is both safe and environmentally friendly.

TECHNOLOGY AT YOUR FINGERTIPS

Lighting power and timer controls, programmable according to user requirements.

PHOTOMETRY



POWER RATINGS 30W, 60W e 90W

INSTALLATION REQUIREMENTS

The poles must receive direct sunlight during the day, avoiding shaded areas. Follow the installation guidelines to ensure maximum efficiency.

QUALITY

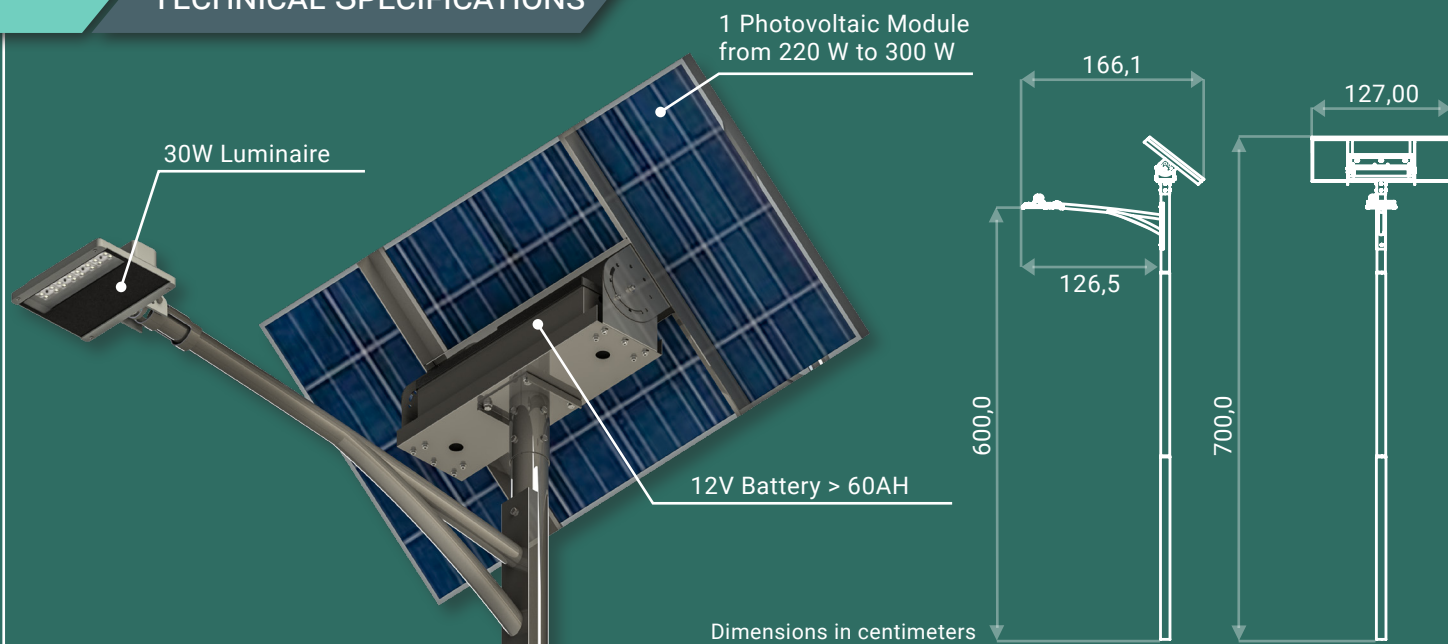
Pole and support structure made of stainless steel, ideal for high-salinity areas.

SEGMENTS

Agribusiness, public lighting, road transportation, remote areas without access to the electrical grid or commercial facilities, farms, and residential complexes seeking to reduce costs with street lighting.



TECHNICAL SPECIFICATIONS



Dimensions in centimeters

Luminária

Effective Power	30 W
Total Power	33 W
Number of Modules	1
Supply Voltage	12 to 36 V
Supply Current	0,9 to 36 V
Total Luminous Flux (lm)	5.750
Effective Luminous Flux (lm)	4.805
Luminous Efficiency (lm/W)	146
Operating Temperature	-20 to 80 °C
Color	4000 K or 5000 K
Photometrics	Longitudinal TP11 or 60°

Kit Fotovoltaico

Photovoltaic Panel	220 W to 300 W
Photovoltaic Control Module	12V / 10A input and 10A output
Maximum VCO Voltage	55 V
Controller Supply Voltage (VMP)	18 to 19 V / 36 to 37 V
Controller Operating Temperature	-25 to 55 °C

Battery

Battery Voltage	12V
Capacity	60AH

Quality

LED Lifespan (L70)	102,000 hours of continuous use
Warranty	5 years
Ingress Protection Rating	IP66
Housing	Galvanized steel or stainless steel
Height	5,47 m

Notice: Product information and specifications are subject to change without prior notice, due to technical improvements and updates.

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