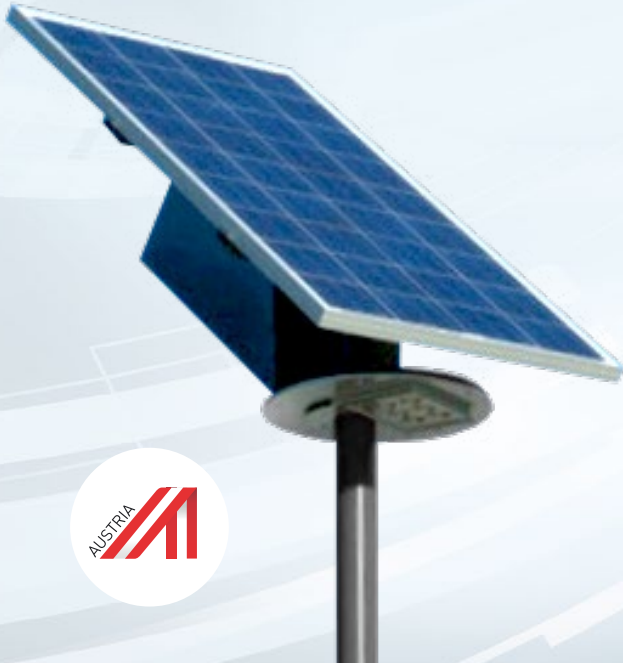


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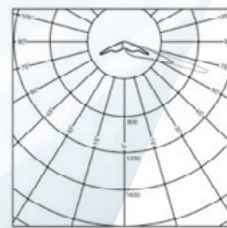
SOLAR STREET LIGHT LED Lighting

PVT
AUSTRIA

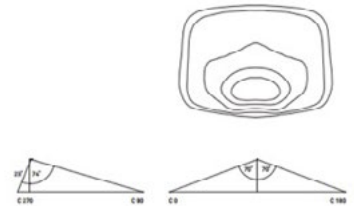


- CO₂-neutral solar street lighting
- Energy – efficient LED lighting
- Special LED heat protection also for hot areas

Polardiagramm



Abtrahcharakteristik



SOLAR STREET LIGHTS from PVT Austria offer a high illuminating and long lifetime lighting solution.

ECO solar unit

SOLAR TECHNOLOGY UNIT ALSO FOR HOT REGIONS

- Ready-to-plug in solar light solution to be affixed to a steel mast
- Solar module has various mounting angles dependent on location
- Battery unit shaded by the solar module, thus considerably longer battery lifespan, especially important for equatorial regions
- LED unit can be modularly adapted to light requirement from 20 to 60 watt
- Various light distribution curves for optimum simulation and calculation in Dialux
- LED special heat protection system
- Solar modules 150 to 300 watt
- Maintenance-free gel batteries, 1200 to 2400 watt hours
- Various control variants with sunset and early morning light, reduced operation in the interim
- Simple assembly and maintenance
- Complete system made in stainless steel and aluminium
- High-quality Made in Europe solar lighting solution

LED street lighting

EFFICIENCY AND MAXIMUM ENERGY SAVING

- Modular LED concept, thus optimum adaptation to the application
- LED units with various IP67 lens optics
- Various light colours
- Output 10/15 watts per unit (1098 lm / 1434 lm 6000K)
- High-performance Cree LED chips 150 lm/W
- Aluminium or stainless steel casing, Pole connection galvanized steel
- Special design for hot regions
- LED driver with DALI activation, twilight function, long lifespan



PVT-SSL
SOLAR STREET LIGHT
LED Lighting



We provide individual solutions for your requirements and your location with basics of lighting calculation in our engineering office.

Technical data*

SOLAR MODULE OUTPUT	150 / 300 watt Peak
MOUNTING ANGEL	10°–55° dependent on location
ENERGY STORAGE	1200–4200 watt hours solar gel battery & lithium solution
MOUNTING HIGH	up to 9 m
LED-OUTPUT SOLAR	10–60 watt
LED-OUTPUT STREET/SQUARE	10–1000 watt
LED-LIGHT FLUX	Philips Lumiled Chips 150 lm/watt
COLOUR TEMPERATURE	3,000 / 4,000 / 5,700 K
LED-MODULE PROTECTION CLASS	IP67
LIGHTING STANDARD	conforms to various classes of EN 13201, ENEC certified
LIGHT DURATION WITHOUT SUN	3 to 10 days, dependent on type, location and design

*The cited data is subject to change due to constant advances

Certifications

STEEL MASTS	CE certified in acc. with EN40
SOLAR MODULES	IEC61215 Ed 2, protection class II
LED MODULES	ENEC, protection class I, III, IP67
LIGHTING STANDARDS	Compliance with EN13201 possible
LED LIGHTS	corresponds to Dark Sky guidelines
ELECTRONICS	protection class I, III

Light calculation and simulation

