

Solar Street Light

Phono PS2L30



Made by Phono Solar

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Solar Street Light

A sophisticated solution in every detail

- high quality according to German standards
- statically precise elaborated construction, appealing design
- hot-dip galvanized pole and solar module holders
- use of maintenance-free and high quality electrical components
- ventilation system included
- weather protection for electrical components



High-quality components

PV Module:

-2 pieces of high-performance 195W Phono Solar PV module

Battery:

-long durability and maintenance-free

Charger controller:

-electrical surge and deep discharge protection
-automatic activation and de-activation

Base:

-includes storage space for battery, charge controller and several fuses
-separate protection zone for battery and charge controller

Module holder

-precise alignment of modules by virtue of continuous dual-axis adjustment
-solid, hot-dip galvanized design

Operating voltage	DC 24V
24V System	20.4V....28.8V
LED working current	350mA
Rated power	32W
Power factor	>0.90
Mark of conformity	CE
Protection grade	IP65
Environment temperature	-25°C ... +45°C
Central illumination	> 25 lux (4m)
Average illumination	>18 lux (4m)
Pole height	4 - 7m
Recommended distance from pole to pole	20 - 25m
Battery lifetime *	1,600 cycles, > 4 years
Battery reserve *.*(optional)	6 days

* at 30% daily consumption discharge

** at assumed values: global radiation 5,47 kWh/m²/d and 12 hours full load operation