

SOLAR GEN 2

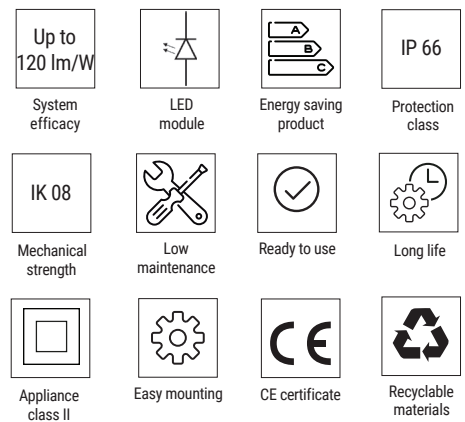


LUMENIA
STREET

SOLAR GEN 2 features top-quality components. Our unmatched development distinguishes this system as utterly reliable with a prolonged service life. Main features of the system represent a smart battery charger, controlling the charging of batteries and automated dimming.



	GEN 2 30 W
System efficacy	Up to 120 lm/W
LED	24
Power	30 W
Luminous flux	3,600 lm
Advisable installation height	4 m
Lifetime	3000 cycle lifetime
Battery bank	LiFePO4 100A 12V
System autonomy	Up to 72 hours
CCT	3000K; Other upon request
CRI	>70, >80: upon request
Ingress protection	IP 66
Mechanical strength	IK 08
Operating temperature	-20 °C to +50 °C
Electrical / Appliance class	Class II
Tilt of the solar panel	20°-40° vertical; 360° horizontal
Colour	Metalic Dark Grey
Housing material	Aluminium body
Warranty	5 years
Certificates	CE



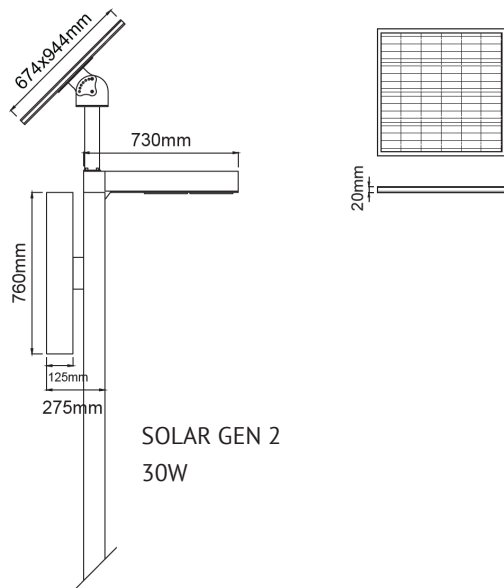
MAIN FEATURES

System autonomy for up to 72 hours,
Lithium battery integrated in
IP protected box,
Tempered safety glass,
High performance optic covering
most roadway specifications

APPLICATIONS

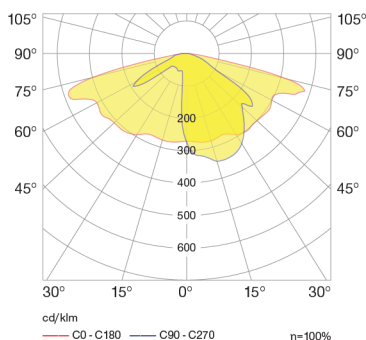
Road types M5 / M6 / P2 / P3 / P4 / P5 / P6
Areas with no public grid
Bus stations, parks and dirt roads

DIMENSIONS



SOLAR GEN 2
30W

OPTIC



Suitable for larger distances between poles and for parking spaces.

PRODUCT VARIATIONS

SOLAR GEN 2

Article	LED	Power [W]	Luminous flux [lm] *	Efficacy [lm/W]	PV Module power [Wp]
SOLAR GEN 2 24.030.030	24	30	3600	120	100

*Luminous flux is valid for CCT 3000 K

The latest validated data is available at www.lumenia.com.