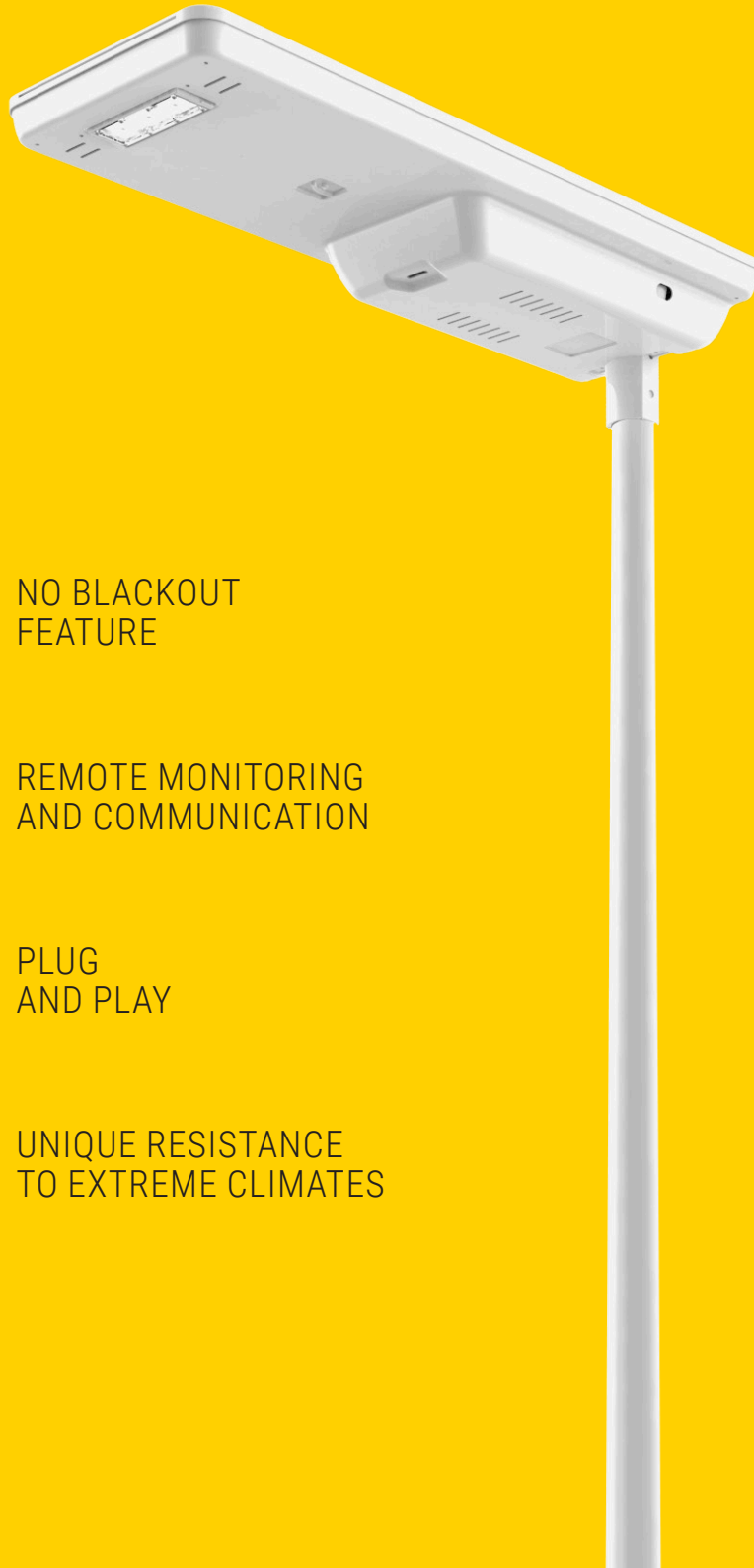


# iSSL+

All-in-One Solar Street Light

**Sol**<sup>®</sup>  
by Sunna Design<sup>®</sup>



NO BLACKOUT  
FEATURE



REMOTE MONITORING  
AND COMMUNICATION



PLUG  
AND PLAY



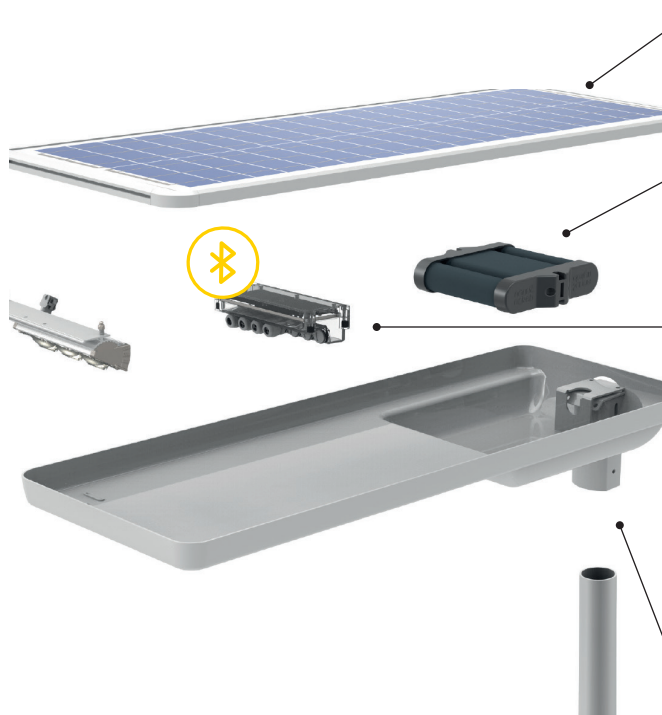
UNIQUE RESISTANCE  
TO EXTREME CLIMATES

**10**  
years  
warranty

[solarlighting.com](http://solarlighting.com)

# iSSL+, THE SMARTEST ALL-IN-ONE SOLAR STREET LIGHT

iSSL+ is the world's most reliable all-in-one solar lighting solution, and the result of 10 years of research and development. iSSL+ offers unrivalled performance, thanks to a patented energy management system (EMS) that guarantees optimal efficiency, 365 days a year, whatever the installation environment. Fully plug & play, the installation of a lamp post has never been as simple and quick as with the iSSL® range. iSSL+ is perfect for parking lots, perimeter and general area lighting.



## HORIZONTAL SOLAR PANELS

High efficiency frameless PV panels that prevent dust accumulation.

## AEROSPACE-GRADE BATTERY TECHNOLOGY

High Density NiMH battery offering 12 years lifespan in real-life conditions of use (as per IEC 61427 standard)

## REMOTE MONITORING

Lights that tell you when and where they need attention.

## ADAPTIVE LIGHTING

Illumination only when and where you need it with custom operating profiles, scheduled dimming and motion sensing capabilities.

## THEFT-PROOF

Anti-theft screws and sealed solar panels prevent anyone from stealing your light. (option)

## SUNNAPP™, your mobile companion



Installation and commissioning support



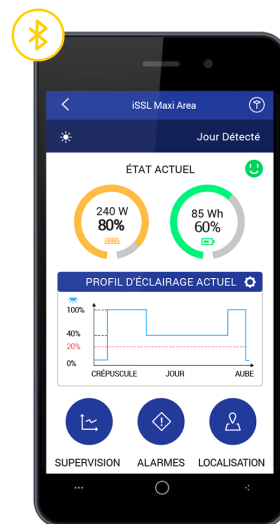
Lighting profiles management



Data log and performances monitoring



Registration and mapping of installed devices



## SMART LIGHTING MANAGEMENT

With patented built in intelligence, our lights gather weather data from the previous few days while constantly monitoring the amount of energy available in the battery. It automatically combines this knowledge to regulate light flow and avoid any interruption in lighting service

## SUNNA CLOUD: REMOTE MONITORING

Our cloud-based supervision platform allows you to monitor the status of your lights from any device, anywhere. (Optional)

# SPECIFICATIONS

LIGHTING	
Efficiency	Up to 175 lm/W
Color temperature	3000K, 4000K & 5700K
Lifespan	50 000 hours (12 years)
Max power	Up to 20W*
Nominal power	10W
Motion sensor	Optional

\*autonomy will depend on lighting power

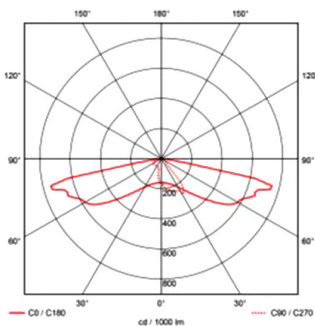
BATTERY	
Technology	NiMH high temperature Nickel Metal Hydride
Voltage	12V
Autonomy	Up to 3 days
Lifespan	12 years

SOLAR PANELS	
Technology	Mono-crystalline photovoltaic panels
Power	50 Wp
Lifespan	25 years

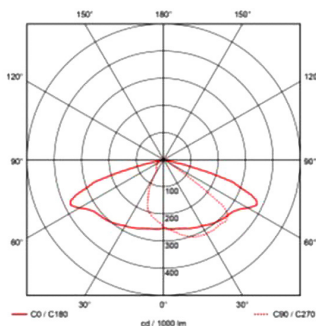
GENERAL	
Dimensions	1000 x 375 x 105 mm
Mounting	Top or side mounting, Ø60 mm
Weight	12 kg (41lbs) without pole
Protection	IP65
Working temperature	-40°C to +70°C (-40°F to +158°F)
Connectivity	Bluetooth
Remote monitoring	Optional

## LIGHT DISTRIBUTION

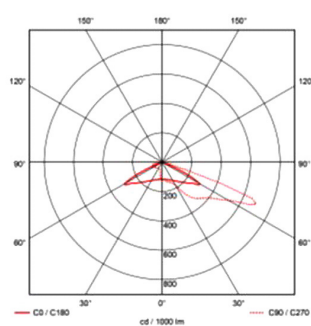
NARROW ROAD



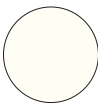
MEDIUM ROAD



AREA & WIDE ROAD



## AVAILABLE STANDARD COLORS



RAL 9010



RAL 8019





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[solarlighting.com](https://solarlighting.com)