

iSSL Maxi

All-in-One Solar Street Light

Sol[®]
by Sunna Design[®]



NO BLACKOUT
FEATURE



REMOTE MONITORING
AND COMMUNICATION



PLUG
AND PLAY



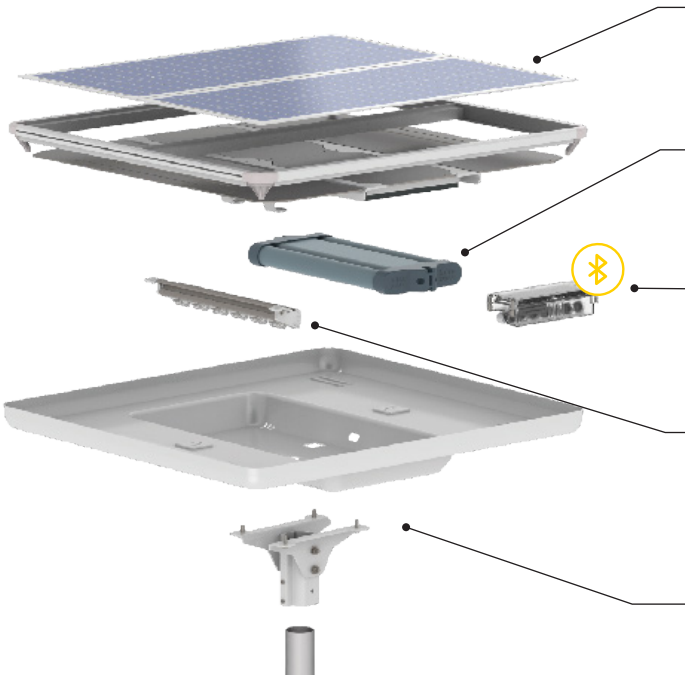
UNIQUE RESISTANCE
TO EXTREME CLIMATES

10
years
warranty

solarlighting.com

iSSL MAXI, THE SMARTEST ALL-IN-ONE SOLAR STREET LIGHT

iSSL Maxi is the world's most reliable all-in-one solar lighting solution, and the result of 10 years of research and development. iSSL Maxi 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 Maxi 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 40W*
Nominal power	20W
Motion sensor	Optional

*autonomy will depend on lighting power

BATTERY

Technology	NiMH high temperature Nickel Metal Hydride
Voltage	24V
Autonomy	Up to 3 days
Lifespan	12 years

SOLAR PANELS

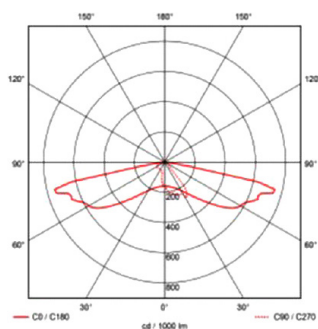
Technology	Mono-crystalline photovoltaic panels
Power	80 Wp (2x40Wp)
Lifespan	25 years

GENERAL

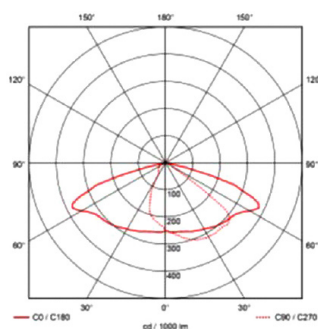
Dimensions	820 x 755 x 105 mm
Mounting	Top on a pole, Ø60 mm
Weight	19 kg (42 lbs) without pole
Protection	IP65
Operating temperature:	-40°C to +70°C (-40°F to +158°F)
Connectivity	Bluetooth
Remote monitoring	Optional

LIGHT DISTRIBUTION

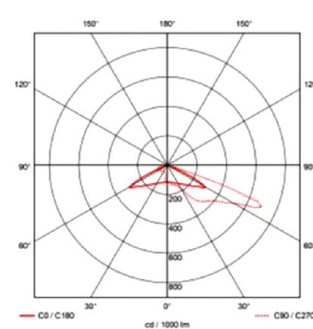
NARROW ROAD



MEDIUM ROAD



AREA & WIDE ROAD



TWO MODELS AVAILABLE

iSSL MAXI AREA



iSSL MAXI ROAD



AVAILABLE STANDARD COLORS



RAL 9010



RAL 8019



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