

iSSL Maxi Road

All-in-One Solar Street Light

Sol[®]
by Sunna Design[®]

IP65

IK07(PV)

IK08

CE

10
YEARS
WARRANTY



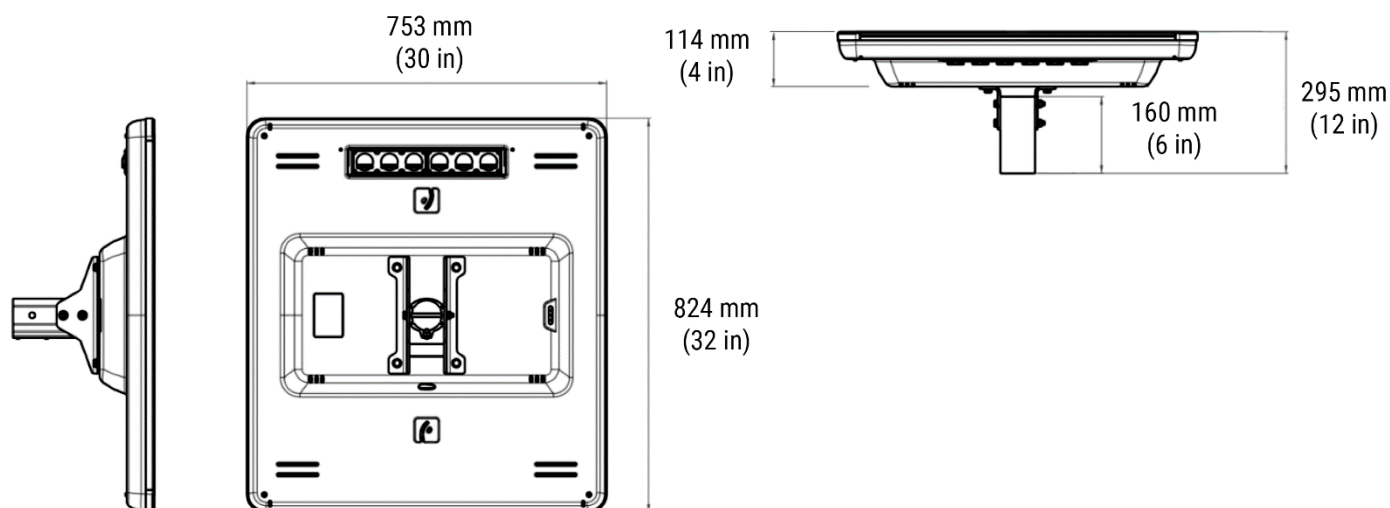
LIGHTING	LED module	High efficiency LED light engine - Multichip Technology (IP 67)
	Luminous flux	3,500 to 7,000* lumens
	Consumption	20 W to 40 W*
	Lighting efficiency	Up to 175 lm/W
	Color temperature options	3000K, 4000K and 5700K
	Lifespan	50,000 hours certified by IESNA LM-80 TM-21
	Certificates	EN 13032-1; EN 13032-2; EN 13201; EN 60598-1; EN 62471
SOLAR PANEL	Technology	Photovoltaic module (Monocrystalline silicon)
	Power	80 Wp (2x40 Wp)
	Electrical characteristics (per panel)	VOC : 23,04 V / VMPP : 18,72 V / ISC : 2,34A / IMPP : 2,14A / 36 cells
	Dimensions (per panel)	31 x 14 inches (776 x 350 mm)
	Lifespan	25 years
	Inclination	Horizontal
	Structure	Frameless
BATTERY	Certificates	IEC 61215; IEC 61730 I and II
	Battery technology	NiMH battery, maintenance free, very high temperature resistance
	Voltage	24V
	Capacity	240 Wh
	Operating temperature range	-40°F to +158°F (-40°C to +70°C)
	Lifespan	12 years
	Certificates	EN 62133
ELECTRONICS	Technology	SunnaCore [®]
	Communication	Bluetooth
	Input voltage	24V
	Max. PV open circuit voltage	45V
	Max. charge/discharge current	5A
	Wiring	Marine-grade wiring used for all applications
	Electrical protection	Electronic fuse
	Lifespan	12 years
	Water resistance	IP65 with sealed plugs
	Operating temperature range	-4°F to +158°F (-20°C to +70°C)
	Certificates	CE; EN61000; EN61547; EN55015; EN62493; EN 62479 EN300328; EN 301489-1
GENERAL	Material	ABS PMMA casing (100% recycled) and aluminum
	EPA	1 ft ² (0.09 m ²)
	Fixation	Solar engine: Top mounting 2.375inches(Ø60 mm) OD x 4 inches (102mm) long
	Weight (without pole)	42 lbs (19 kg)
	Options	Motion sensor Anti-theft screws
	Smart Lighting options	Smart Lighting and Detection Remote monitoring

* Available with motion sensor

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www.solarlighting.com

Dimensions



Ordering Information

Model	CCT		Lighting Profile*		Color		Optics	
SL420	3	3000K	00A	100% (3h) / 40% / 100% (1h)	0	White	00	IES Type IV
	4	4000K	00E	100% (2h) / 30% / 100% (1h)	1	Dark Bronze	10	IES Type III
	0	5700K	00B	60% from Dusk to Dawn	2	Black	20	IES Type II
			00M	100% (5h) / 40% / 100% (1h)				
			00N	100% (6h) / Off				
			00Q	50% (3h) / 15% / 50% (1h)				
			00T	50% (4h) / Off / 50% (1h)				
			10C	100% (3h) / motion / 100% (1h)				
			10G	100% (2h) / motion / 100% (1h)				
			10J	20% dusk to dawn + 200% (motion)				
			10K	100% (3h) / 200% (motion) / 100% (1h)				
			10L	20% dusk to dawn + 100% (motion)				

* The lighting profile's availability depends on your location's solar insolation. An autonomy calculation may be needed to confirm that the profile is sustainable in your location.