

UP2

All-in-Two Solar Street Light

IP65

IK07(PV)

IK08

CE

10

YEARS
WARRANTY

Sol
by Sunna Design®



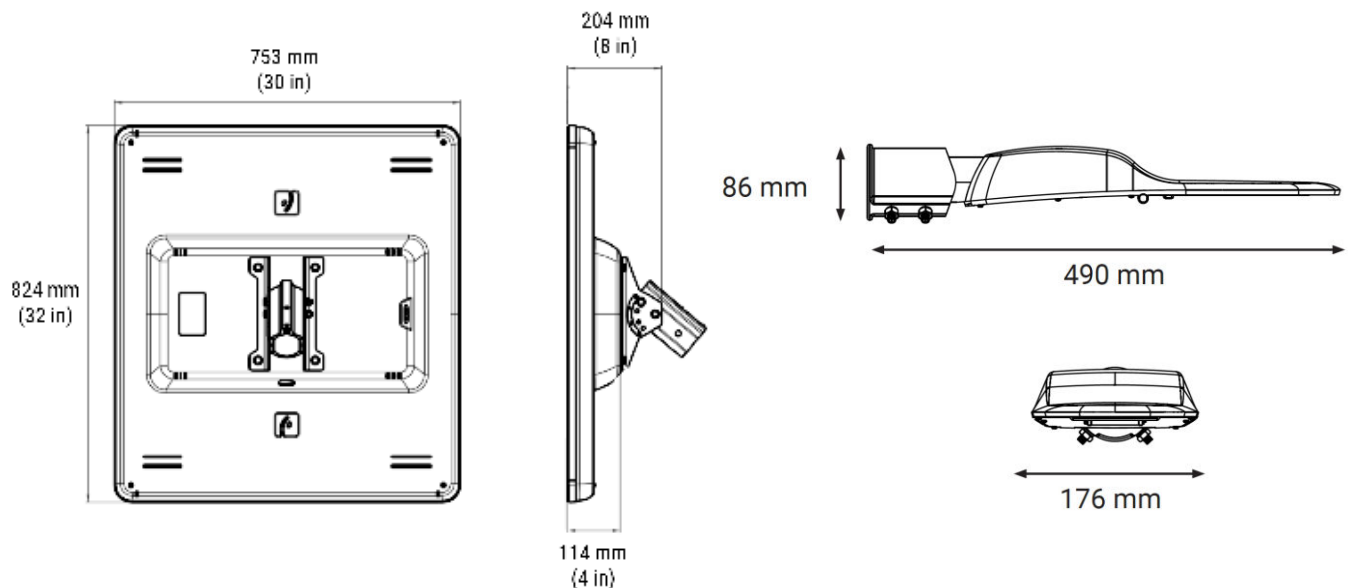
LIGHTING	LED module	High efficiency LED light engine - Multichip Technology (IP 67)
	Luminous flux	3,000 to 5,400 lumens*
	Consumption	20 W to 40 W*
	Lighting efficiency	Up to 150 lm/W
	Color temperature options	3000K, 4000K or 5700K
	Lifespan	> 50,000 hours
	Certificates	EN 13032-1; EN 13032-2; EN 13201; EN 60598-1; EN 62471
SOLAR PANEL	Technology	Photovoltaic module (Monocrystalline silicon)
	Power	80 Wp (2x40 Wp)
	Electrical characteristics (per panel)	VOC : 23,4 V / VMPP : 18,72 V / ISC : 2,34 A / IMPP : 2,14 A / 36 cells
	Dimensions (per panel)	30 x 14 inches (776 x 350 mm)
	Lifespan	25 years
	Tilt	10° / 25° / 40° / 50°
	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)
GENERAL	Certificates	CE; EN61000; EN61547; EN55015; EN62493; EN 62479 EN300328; EN 301489-1
	Material	ABS PMMA casing (100% recycled) and aluminum
	EPA	6.67 ft² (0.62 m²)
	Fixation	Solar engine: Top mounting 2.375inches(Ø60 mm) OD x 4 inches (102mm) Long; Fixture: horizontal bracket Top mounting 2.375inches(Ø60 mm) OD
	Weight (without pole)	51 lbs (23 kg)
	Options	Motion sensor Anti-theft screws Anti birds spikes
	Smart Lighting options	Smart Lighting and Detection Remote monitoring

* Available with motion sensor

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Dimensions



Ordering Information

PowerPack Code						
Model	Motion Sensor		Lighting Profile			Color
SL4249	0	No	0A	100% (3h) / 40% / 100% (1h)		090 White – RAL9010
			0E	100% (2h) / 30% / 100% (1h)		190 Bronze – RAL8019
			0B	60% from Dusk to Dawn		290 Black – RAL9005
			0M	100% (5h) / 40% / 100% (1h)		
			0N	100% (6h) / Off		
			0Q	50% (3h) / 15% / 50% (1h)		
			0T	50% (4h) / Off / 50% (1h)		
	1	Yes	0C	100% (3h) / motion / 100% (1h)		
			0G	100% (2h) / motion / 100% (1h)		
			0J	20% dusk to dawn + 200% (motion)		
			0K	100% (3h) / 200% (motion) / 100% (1h)		
			0L	20% dusk to dawn + 100% (motion)		

Fixture Code								
Model	CCT		Motion Sensor		Color		Optics	
RL204	0	5700K	020	No	0	White – RAL9010	07	IES Type IV
	3	3000K	120	Yes	1	Bronze – RAL8019	17	IES Type III
	4	4000K			2	Black – RAL9005	27	IES Type II