



LED Solar Streetlight

10~80w

The PCE Street Light Solar Series is a state of the art streetlight design with low light decay, high color rendering index LED chip source light, and high quality low weight aluminum alloy housing fill - in a high brightness and long lifespan street light.

Its innovative modular design and adjustable angle makes a perfect solution for multiple street lighting applications with minimum re-lamping cost.

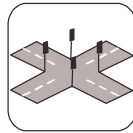
APPLICATIONS



Multiple line roads



Street walkpads



Collector roads



Motorways



Rural streets

FEATURES



Modern Compact & Aesthetic Design



IP65 Waterproof



High Color Rendering Index SMD LED



Energy Saver (PV Panels & Lithium Battery)



Lightweight Aluminum Alloy Housing



No Mercury, Lead, UV Rays or Radiations



Low Temperature & Long Lifespan



Motion Sensor (50%-100%)

SPECIFICATIONS

Model	SL-10W	SL-15W	SL-20W	SL-30W	SL-40W	SL-50W	SL-60W	SL-80W
Technical Specifications								
PV Voltage	DC18V	DC18V	DC18V	DC16V	DC18V	DC18V	DC18V	DC18V
PV Power	17 W	26 W	35 W	45 W	53 W	70 W	80 W	110 W
Battery Voltage	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V
Battery Capacity	6 Ah	10 Ah	14 Ah	20 Ah	26 Ah	34 Ah	40 Ah	56 Ah
Charge Time	6-8 h							
Autonomy Full Power	10 h							
Autonomy Save Mode	3-5 days							
Dimmable	Yes							
Optical Characteristics								
Color	<ul style="list-style-type: none"> ● Cold White ● Nature White ● Warm White 							
Color Temperature (°K)	<ul style="list-style-type: none"> ● 6,000 ● 4,000 ● 3,000 							
Luminescence (lm)	<ul style="list-style-type: none"> ● 1,800 ● 1,700 ● 1,650 	<ul style="list-style-type: none"> ● 2,700 ● 2,400 ● 2,300 	<ul style="list-style-type: none"> ● 3,600 ● 3,400 ● 3,300 	<ul style="list-style-type: none"> ● 5,400 ● 5,200 ● 5,000 	<ul style="list-style-type: none"> ● 7,200 ● 7,000 ● 6,800 	<ul style="list-style-type: none"> ● 9,000 ● 8,500 ● 8,200 	<ul style="list-style-type: none"> ● 10,800 ● 9,900 ● 9,800 	<ul style="list-style-type: none"> ● 14,400 ● 12,400 ● 12,000
CRI (Ra)	70	70	70	70	70	70	70	70
Beam Angle (°)	120	120	120	120	120	120	120	120
Dimensions (mm)								
LW	327	327	327	327	327	453	453	565
LL	490	740	880	1,130	1,260	1,130	1,210	1,360
LH	145	145	145	145	145	145	145	145
PL	520	690	830	1,080	1,210	1,050	1,160	1,310
PW	327	327	327	327	327	510	453	565
D	44	44	44	44	44	44	44	44
FH	145	145	145	145	145	145	145	145
FL	740	740	880	1,130	1,260	1,210	1,210	1,360

*Absolute ratings @ 25°C.

*Operating temperature -10-+75, Wind resistance Max 40m/s, Altitude <5000M, Atmosphere Pressure 86-106 KPa.

*Lifespan for solar panel is about 25 years; lifespan for Lithium is about 10 years.

*Tolerance of measurement of luminous intensity ±10%.

