



Product Benefits & Features

- Extreme luminous efficacy: 200lm/W
- Long-lasting stability
- IP65: Withstand extreme weather conditions
- Monocrystalline solar panel with MPPT tracking for increased charging efficiency
- Lithium-ion batteries: Longer lifespan and increased charging cycles
- SMD LED chips: Enhance luminous efficiency
- Independent aluminum heatsink: Min temperature rise
- Motion sensors: With time and light control to extend working time



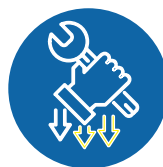
outdoor
series



50,000
Hours Lifespan



IP65
Outdoor



Low
Maintenance



5 Year
Warranty



Certified
Product

MUNICIPAL SOLAR STREET LIGHTS

Contact us

 **079 805 1231**

 craig@citylighting.co.za

product datasheet



TECHNICAL SPECIFICATIONS

Power Consumption :	30W	40W	60W	80W	85W	100W
Modules :	2 Module	3 Module	4 Module	5 Module	5 Module	6 Module
Battery (V) :	3.2V/72AH	3.2V/100AH	12.8V/45AH	12.8V/60AH	12.8V/75AH	12.8V/60AH
Solar Panel :	18V/50W	18V/60W	18V/80W	18V/105W	18V/105W	18V/130W
Luminous Flux :	6000lm	8000lm	12 000lm	16 000lm	17 000lm	20 000lm
Lighting Method :	Infrared induction +time control +in- telligent control	Infrared induction +time control +in- telligent control	Infrared induction +time control +in- telligent control	Microwave induction +time control +in- telligent control	Infrared induction +time control +in- telligent control	Infrared induction +time control +in- telligent control
Installation Height (m) :	5-7m	6-8m	8-10m	10-12m	10-12m	12-15m
LED :	100pcs	150pcs	200pcs	250pcs	250pcs	300pcs

SPECIFICATIONS

Housing Body :	6063 Aluminium	Chipset:	3030
	Anti-corrosion paint treatment	Luminous Efficiency:	200lm/W
Solar Panel:	Monocrystalline	Colour Rendering (CRI):	Ra70/Ra80
Controller:	MPPT	Correlated color Temp (CCT):	2700K - 6500K
Control Method:	Human body induction + light control	Lifespan:	50 000hrs
	+ Time control	Ingress Protection(IP):	IP65
Battery:	Lithium LifePO4	Impact Resistance(IK):	IK06
Diffuser :	Polycarbonate (PC)	Beam Angle:	T2, T3, T4
Charging Time:	6 Hours (Full Sunshine)	Mounting Options:	Pole Mount
	+20 Hours (Rainy Days)	Pole Diameter:	60mm
Discharge Time:	4Hrs @ 100% (8 Hours @ 30%)		
Operating Temp:	-30°C ~ +55°C		
Working Mode:	MPPT		
Wind Resistance:	10 Grade		

PHOTOMETRICS

