



LUCA C SOLAR STREETLIGHT

30-120 watt LED area luminaire
IK06 | IP65 | Pole Mount

Application

A solution for public and private roads, residential, commercial and municipal developments.

Features

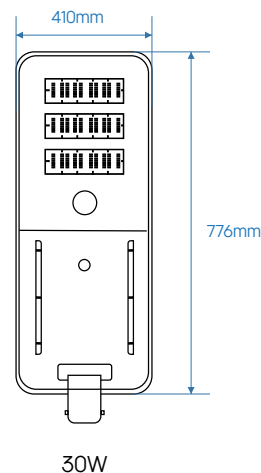
- Operating Temperature: -30°C to $+55^{\circ}\text{C}$
- Solar Panel: Monocrystalline
- Solar Charge Controller: MPPT
- Battery: Lithium LiFePO₄
- Charging Time: Approximately 6 hours in full sunlight; approximately 20 hours in rainy/cloudy conditions
- Discharge Time: 4 hours at 100% output; up to 8 hours at 30% output- Control Modes: Human motion sensing, light control and time control- LED Chipset: SMD3030
- Wind Resistance: Grade 10
- Colour Rendering Index (CRI): Ra70 / Ra80
- Colour Temperature (CCT): 2700K-6500K
- Beam Angle: T2 / T3 / T4

Design Specifications

- Housing Body: ADC12 Die-Cast Aluminium.
- Diffuser: Polycarbonate PC
- Housing Colour: Black
- Mounting: Pole Top Mounting.
- Pole Diameter: 60-80mm
- C4 / C5 Anti-corrosive Rating



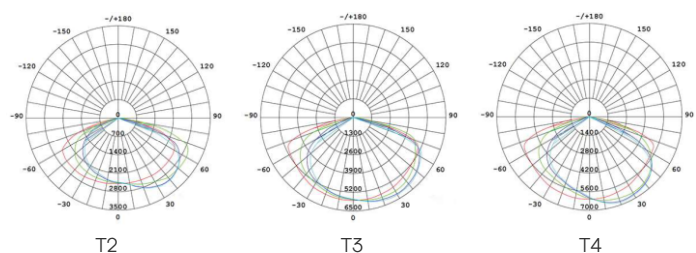
Dimensions



Performance



Photometric Data



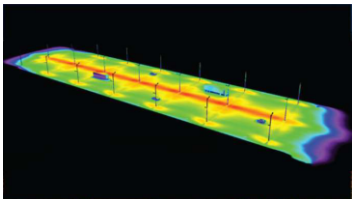
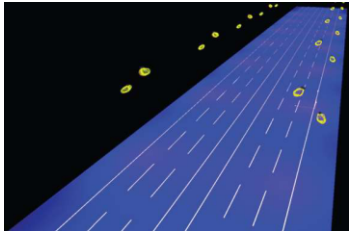
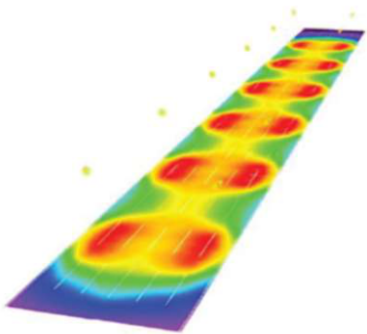
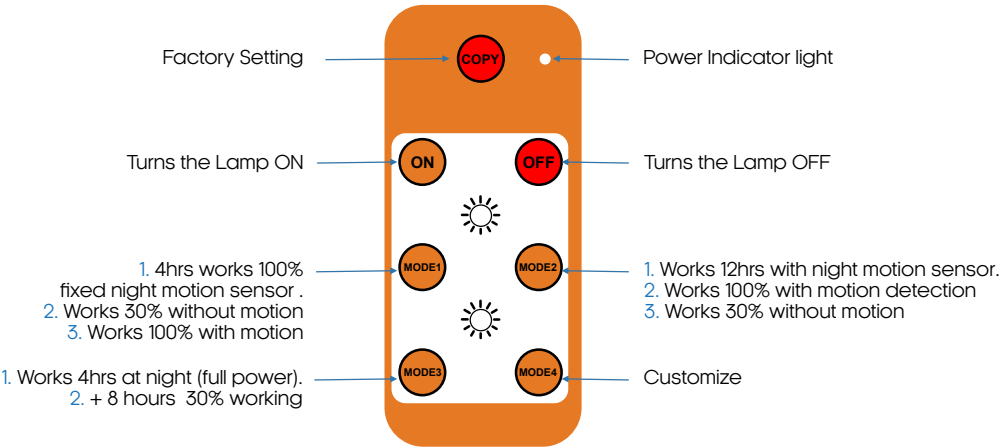
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Technichal Specifications

Model No.	Size (mm)	Power	Efficacy lm/W	Modules	Battery (v)	Solar Panel	Luminous Flux	Installation Height (m)	LED
LUC00105	776*410*135	30W	210	2 Module	3.2V/72AH	18V/50W	6300lm	5-7m	100pcs
LUC00106	893*410*135	40W	210	3 Module	3.2V/100AH	18V/60W	8400lm	6-8m	150pcs
LUC00107	1121*410*135	60W	210	4 Module	12.8V/30AH	18V/80W	12600lm	8-10m	200pcs
LUC00108	1395*410*135	80W	210	5 Module	12.8V/45AH	18V/105W	16800lm	10-12m	250pcs
LUC00109	1606*410*135	100W	210	6 Module	12.8V/60AH	18V/130W	21000lm	12-15m	300pcs
LUC00110	2011*410*135	120W	210	7 Module	12.8V/75AH	18V/150W	25200lm	14-16m	350pcs

Working Modes



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Certifications



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