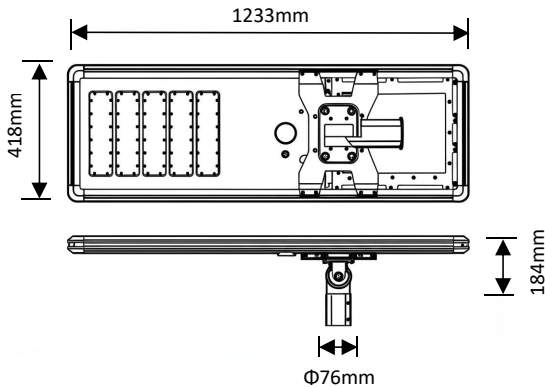


Solar Street Light

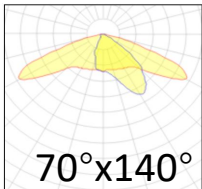
Product Code
OPTOSSL17GS80W



Technical drawing



Photometrics



| | |
|------------------|---|
| IP rating | 65 |
| Ik rating | 8 |
| Source type | Hight power LED |
| Source life time | >50,000h at 25°C ambient temperature |
| CRI | >70 |
| Step McAdam | 3 |
| Solar panels | 18V/80W solar panel |
| Solar panel type | Polycrystalline silicon |
| Battery capacity | 12.8V/24Ah high-temperature resistant LiFePO4 battery |
| Working hours | Battery fully charged for over 10 hours |
| Working mode | Always On |
| Material | Aluminium |
| CCT | 3000K/4000K/6000K |
| Beam angle | 70°x140° |
| Mounting | Post top |
| Reflector color | Grey |
| Finishing | Grey |

Temperature limits

| | |
|---------------------|----------------|
| Working temperature | -30C° to +80C° |
| Storage temperature | -50C° to +80C° |

Light control

Light control / Radar sensor

Construction

The solar street light combines a die-cast aluminum alloy housing with integrated solar panels for corrosion resistance and energy efficiency, along with modular battery compartments, adjustable brackets, and IP65 waterproof design to ensure durability and simple installation in harsh conditions.

Warranty

- 3-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)

Specifications

| | | | | | |
|-------|-------|-------|-----------|-------|----|
| IP 65 | IK 08 | Ra>70 | ON OFF | Solar | CE |
|-------|-------|-------|-----------|-------|----|