



Eclipse

All-in-one solar street light with compact design, high-efficiency solar panel, and reliable off-grid performance.

Made of Aluminum Alloy.



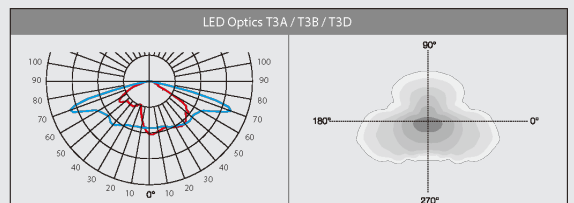
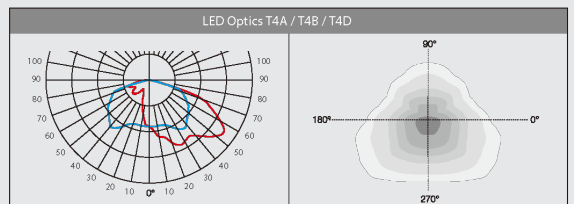
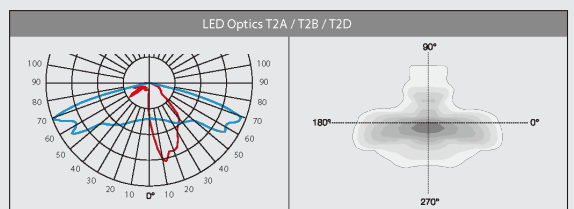
Key features

- Die-cast aluminum body with super white tempered glass
- Optical PC lens ensures visual comfort and uniform light distribution, with multiple beam options
- Equipped with high-quality LED chips
- Adjustable top and side mounting; compatible with $\varnothing 76$ / $\varnothing 60$ mm installation poles
- No photobiological risk (infrared, blue light, or UV) – compliant with EN 62471:2008
- Powered by LiFePO battery for enhanced reliability and lifespan
- Surface coated with anti-UV pure polyester powder; corrosion resistance exceeds 1,000 hours
- Integrated packaging design for convenient transportation
- All external screws made of 304 stainless steel

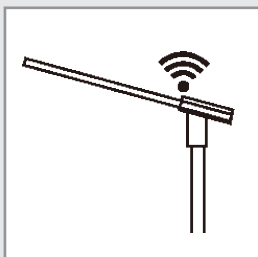
Applications

- Village streets
- Urban roadway lighting
- Park lighting
- Courtyard

Photometry



Accessories



Energy saving with remote control system



Remote control



Motion sensor

Technical Data @4000K

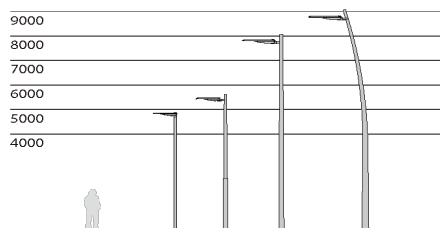
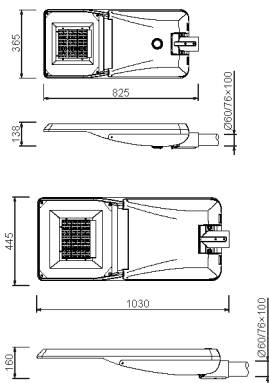
Model No.	EKLIPSE-40	EKLIPSE-70
Power Consumption (±5%)	40W	70W
Battery Capacity	230Wh	384Wh
Battery	LiFePO4 Battery	
Solar Panels	Mono-Crystalline Solar Panel	
Solar Panel Wattage	45W	75W
Panel	45W	
Charging Time	≥ 5.5Hrs	
Operating time	1 day (2 days with sensor)	
Working mode	3 Hours: 100%, 2 Hours: 60%, 7 Hours: 40%	

Optic Information

LED Type	168 x SMD LED 3030	
Luminous Flux (±10%)	5100lm	8600lm
Efficacy(4000K Ra70)	200lm/W	
Correlated Color Temperature	4000K (2700K, 3000K, 5000K optional)	
Color Rendering Index	Ra70	

Dimensions and Mounting

Luminaire Net Weight	19.5kg	25kg
Mounting Option	Post top / Side Entry Pole clamp bracket / Wall Mount	
Material	Aluminum Alloy, Glass	
Fixture Color	Light Pearl Grey (Ral 9022), Anthracite Grey (Ral7016)	
IK Rating	IK09	
IP Rating	IP66	



Lifespan and Warranty

Operating Temperature	-40°C to + 60°C
Warranty	5 Years

