

## LED SOLAR-SPLIT SENSOR STREET LIGHT SERIES



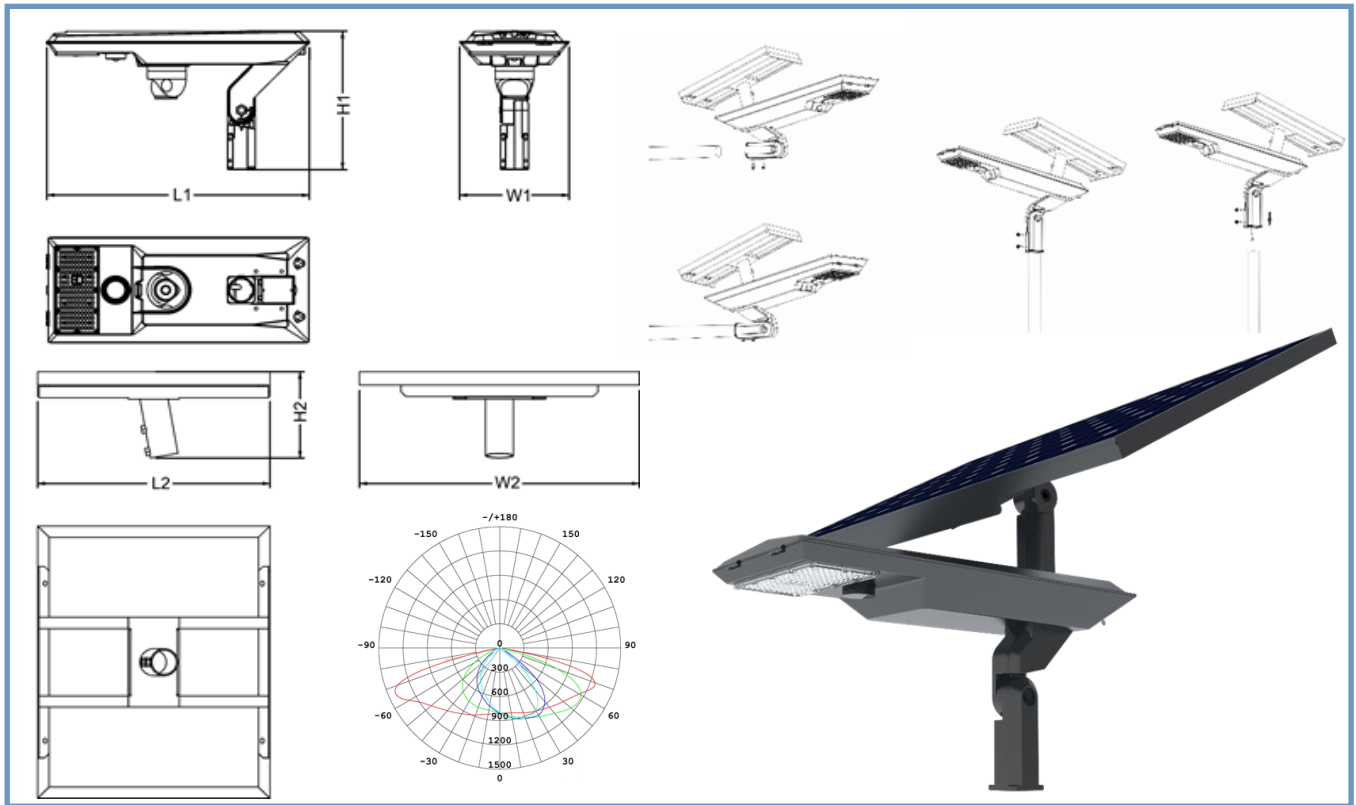
### PRODUCT FEATURES

SOLAR-SPLIT STREET LIGHT SERIES are a simple solution to provide lighting to an area with no operational costs by using power free from the sun. The solar street lights are suitable for applications such as perimeter lighting, pathway lighting, driveways or areas that can't easily access AC power.

- Inbuilt PIR motion sensor
- Power Saving Mode (PSM) provides ~ 30% brightness until sensor detects movement
- Independently positioned solar panel
- Automatic night time operation
- Full powder coated aluminium housing
- Low battery dimming to prolong light
- MPPT controller – 15 ~ 20% more efficient
- Replaceable battery pack
- Customisable settings available
- IP65 weatherproof housing
- IK08 impact rating
- 2 year warranty



# Product details



## System features



- Installation angle is -15° to +15° adjustable
- Supports pole top or spigot mounting



- Die-cast aluminium housing, tool-free opening for maintenance
- Corrosion resistant power coating with s/steel fixings



- Temperature protection system
- 3-Way temperature control via battery, battery pack and system controller



- MPPT controller, 15-20% higher efficiency than PWM controllers
- Low battery level dimming to prolong LED lighting time

\*Solar products are designed for dusk to dawn operation with added allowance for winter conditions. Be aware that in winter months it is possible that some nights the light will not last all night due to inclement weather conditions limiting charging time. Solar is not recommended for any locations classed as critical lighting areas where lighting is required all night.

## Brightness control

30% brightness when no movement



100% brightness when sensor activated



# Product specifications

SPECIFICATIONS	ELG-SOLAR-SPLIT-30W	SSLM-SPLIT-60W
Colour temperature	5000K	
Lumen— full	3,600 lm	7,200 lm
Sensor dimming	Yes	
Light source	SMD LEDs	
Beam angle	150° x 70° asymmetric wide beam	
Full power draw	30W	60W
Battery storage	178 wH	377 wH
Solar battery	Ternary Lithium with temperature protection system	
Charging time	~ 6 hours	
Discharge time	≥30 hours	
Mounting height	4-6m	6-8m
Pole mounting	Horizontal or vertical 60mm spigot input	
Operating temperature	-10°C ~ 55°C	
Lifespan	>40,000 hours	
Housing and lens	Die-cast aluminium with PC diffuser	
Light dimensions (LxWxH)	713 x 297 x 384mm	713 x 297 x 384mm
Solar panel dimension (LxWxH)	343 x 623 x 192mm	671 x 566 x 192mm
Weight	18.5kg	25kg
Protection rating	IP65 weatherproof IK08 impact	
Warranty	2 Years	



\* With the rapid development of LED technology, Elevage Lighting Group reserves the right to change data and specifications without notice.

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