


The Philips logo is displayed in a bold, blue, sans-serif font. It is positioned within a white rectangular area that has a rounded bottom-right corner. This white area is part of a larger blue graphic element that also contains the text 'Solar Lighting' and 'Sun Stay'.

Solar Lighting

Sun Stay

The background of the advertisement is a photograph of two children playing on a paved path at dusk. A girl in a green shirt and jeans is in the foreground, captured in a dynamic pose as if jumping or running. A boy in a maroon and grey sweatshirt is slightly behind her. A modern, black, pole-mounted street light is visible, casting a bright glow. The scene is set against a backdrop of trees and a dark sky, with the overall lighting being a mix of the cool blue tones of twilight and the warm white light of the street lamp.

**Smart and durable
lighting solution**



Sun Stay solar Lighting

SunStay, all-in-one solar lighting, offers the high brightness with the low blackout risk. With motion sensor modifying the lighting according to human presence, it is the truly kind of green and smart solar lighting.

Benefits and features



Easy to install

Can be installed on vertical poles or horizontal arms with 0 to 15 degree adjustable angle



Smart PIR sensor to saves energy

Built in PIR sensor can detect people's motion to save energy by light dimming.



Long Lifetime

LiFePO4 battery gives long lifetime and high safety standard



High efficiency

Delivers 175 lumen/watt



Water and dust proof

IP65 certified, withstands extreme weather conditions.



Safety

Self diagnosis with LED indicators of battery charging and discharging

Applications



Class A and B roads



Rural areas villages

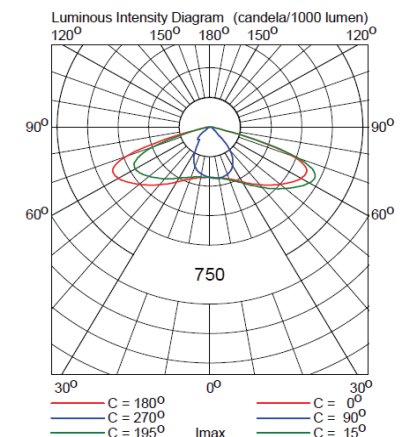
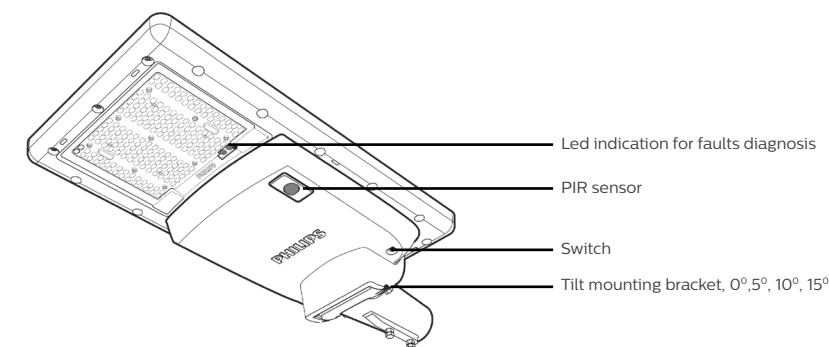


Parks

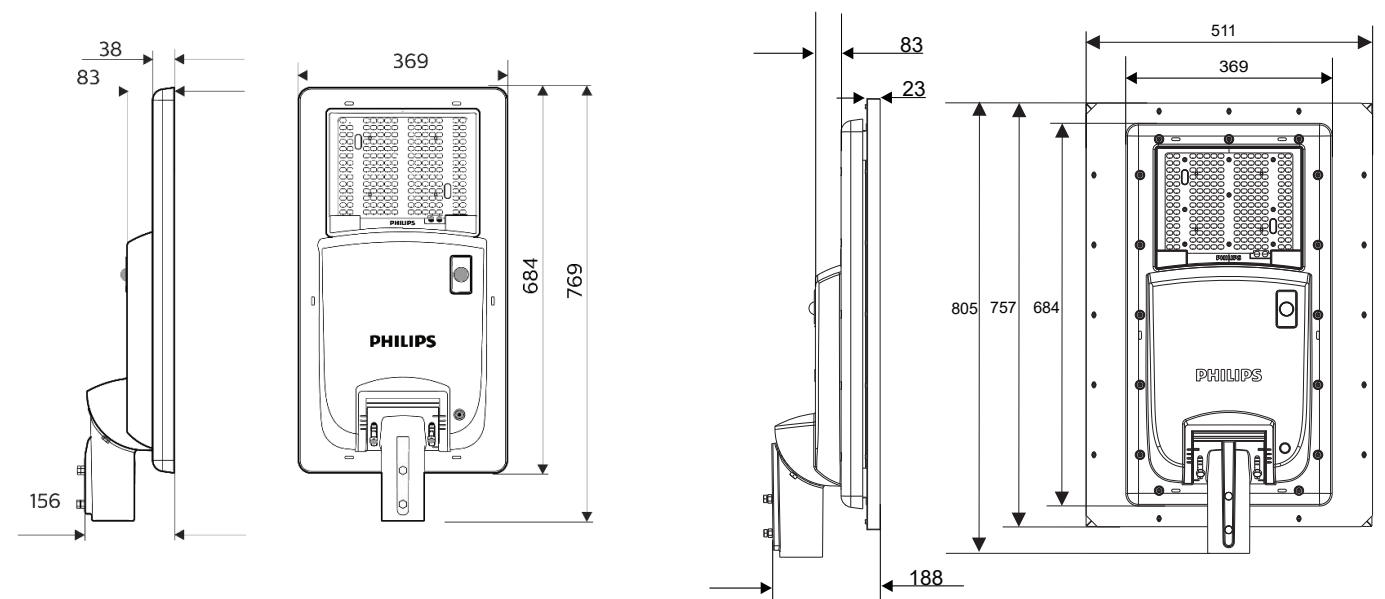


Industries and schools

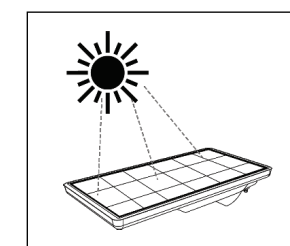
Product structure and light distribution



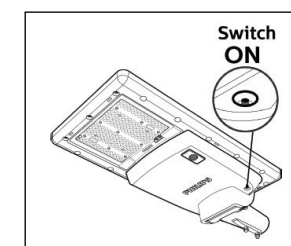
Product dimensions



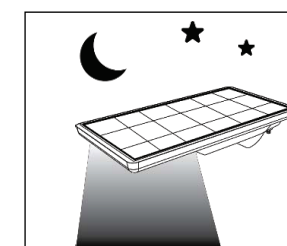
Installation guide



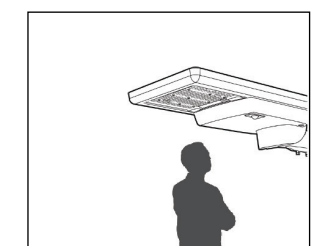
Adjust solar panel facing to sun trajectory to charge the battery fully



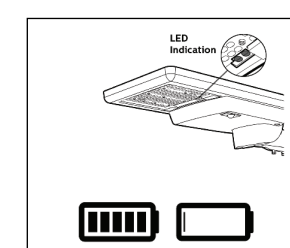
Install and switch on the product for no darkness



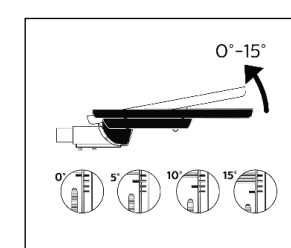
Solar panel senses darkness and it switches on during night automatically



PIR sensor detects human body movement to change lighting levels



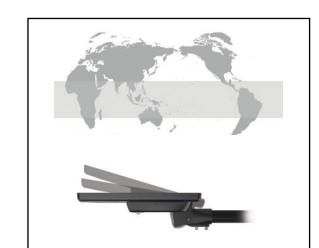
For self diagnosis, LED indications displays the battery condition



With smart pole mount markings, the angle can be adjusted easily



Can be installed on vertical poles or horizontal arms



The most adapting areas are around the equator

Technical specifications

Specifications	2000 lm	3000lm	4500lm
System wattage	12V DC, 11 watts	12V DC, 17 watts	12V DC, 26 Watts
System lumen output	>2000lm	>3000	4500
System efficacy	175lm/W		
Solar panel module capacity	28Watts	35 Watts	60W
Solar cell type	Polycrystalline	Monocrystalline	
Battery type	Lithium Ferro Phosphate, LiFePo4		
Battery capacity	>170Wh	>256Wh	>384Wh
Charging electronics	Integrated MPPT charger with driver		
Driver efficiency	>90%		
IP Rating	IP65		
Housing	Aluminium pressure die cast		
Front cover	UV stablized polycarbonate cover		
Color temperature	3000K, 4000K, 5700K	5700K	
CRI	>70		
Motion sensor	In-built PIR sensor		
Switch for On-Off	Provided		
Charging and discharging indicator	Provided		
Mounting	Horizontal and vertical pole mounting options		
Adjustable tilt angle	0-15 degree adjustable		
Outer mounting diameter	48-60 mm		
Operating humidity	up to 95%		
Max pole height	5mtrs above the ground	6 mtrs above the ground	6 mtrs above the ground
Certification	CE		
Dlmming profile	•First 5 hours from dusk: Sensor enabled with luminaire at 30% if presence detected, luminiare goes to 100% •Next 5 hours: Sensor disabled with fixed 30% brightness •Next: Sensor enabled till dawn with luminaire at 30%, if presence detected, luminaire goes to 100%		

