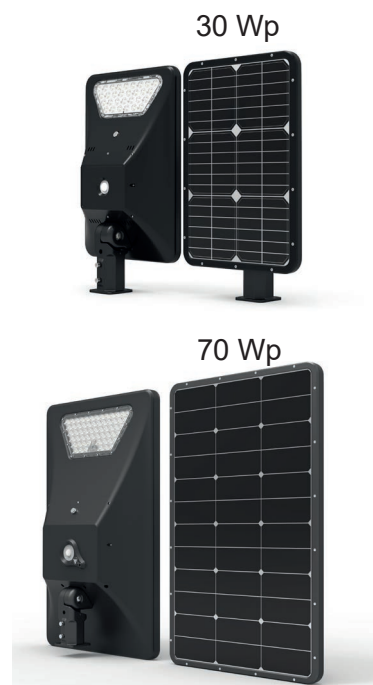


## Intelligent Integrated Solar Light



photinus ECO compact – line integrates advanced technology of solar panel, battery and controller with a compact and functional design. It is equipped with an intelligent controller to optimize the daily operation.



### High quality LED module

Philips LED modules have an efficiency of 150 lm/W. The low glare lenses distribute the light even and smooth.



### Die-cast aluminium housing

The die-cast aluminium housing guarantees strong impact resistance, heat dissipation and has an elegant appearance.



### High efficiency Mono silicon solar panel

The Mono silicon solar module has an efficiency of 18% to ensure sufficient charging.



### Lithium battery

The lithium battery pack has a BMS (Battery Management System).



### PIR Sensor

The PIR sensor detects movement and ensures light when it is needed.



### Patented pressure-regulating device

The pressure and heat inside the battery box is managed by a valve to improve the operation environment and service life.

## ECO compact

### Technical data

Optical Parameters	Product model	ECO compact 30	
		ECO compact 30	ECO compact 70
	Item number	20-10-100	20-10-200
	LED rated power (Max)	15W	30W
	Lumen output (Max)	2400Lm	4800Lm
	CCT	3000K - 6000K	
	CRI	Ra > 70	
	Beam angle	60° x 120°	70° x 140°
Panel Parameters	Nominal power	30Wp	70Wp
		524,5 x 330 x 15 mm	818 x 490 x 15 mm
	Size	18V	18V
	Voltage at Pmax (Vmp)	1,56A	3,8A
	Current at Pmax (Lmp)	25 Years	
	Lifetime	384Wh	640Wh
Energy Storage Parameters	Nominal capacity	12,8V	12,8V
		LiFeP04	
	Nominal voltage	Yes	
	Battery type	Extreme low temperature solution optional	
	BMS battery management system	5 Years	
	-0°C operation	615mm	846mm
	Lifetime	357mm	517mm
Structural Parameters	Length	128mm	182mm
		Aluminum	
	Width	IP65	
	Height	4-6M	6-8M
	Material	PIR Sensor	
	IP Rating	-20°C ~ 60°C	
Other Parameters	Advised Height of Installation	-20°C ~ 50°C	
		60mm	
	Sensor	5 Years	
	Storage Temperature		
	Operation Temperature		
	Diameter of Pole		
	Warranty		

### Application:

- Country lane
- Park road
- Residential area
- Industrial area



This high-quality manufactured solar luminaire is not suitable for use in Europe due to the „all in one“ - construction and therefore limited sun orientation.

We would be pleased to advise you about the possibilities of use.





GUANGDONG // China

