

PhotoLight®

Smart solar **street & outdoor lights**



Straight®



www.photolight.eu

Photo-Me® Photomaton®
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KIS
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Prontophot®
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Photo-Me International Group

PRONTO♦PHOT

Foto-Já!

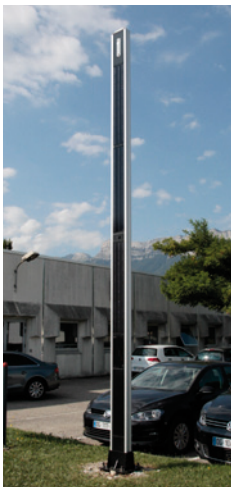
Modern & sleek design

Designed for urban or residential environments and suitable for corporate or private events, the Photolight solar lights are totally autonomous and adapted to all types of locations.

They offer intelligent lighting through their light intensity programming and time settings.

Equipped with a light & motion detector, programmable via WiFi from a smartphone or computer, our models are fitted with:

- ▶ Lithium batteries, free of maintenance, integrated in the pole
- ▶ Corps Anodise aluminium pole treated for anti-corrosion and salt



Straight®

Four to six mono crystalline solar panels / lenses and polycarbonate optical diffusor, with UV protection/ one or two LEDs IP67 Lumiled, lighting on one or two sides (on request) of the pole, 1 or 2x30 W and a light temperature of 4000 kelvins.

Available in 2 heights
4.50 and 6 metres



Automatic settings

Time and date

Our street lights are equipped with a GPS to synchronize the time and date of the driver. Synchronization is automatic and takes place on a regular basis.

OPTIONS



Hybrid

Our solar lights can also be hybrid : they incorporate light originating from both natural and electric sources.

They will depend on electric power supply when sunlight is incapable of supplying sufficient levels of power such as on cloudy, and overcast days.



Intelligent Street lighting management

We use wireless street lighting system with optimized management and efficiency. Wireless communication uses ZigBee®-based wireless devices which allow more efficient street lamp system management, thanks to an advanced interface and control architecture.



Finishing

Different RAL colours and wood finish film coating are available on request.

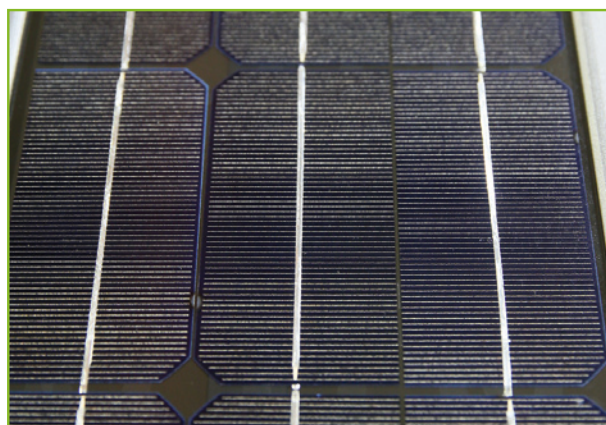
High **quality pole**



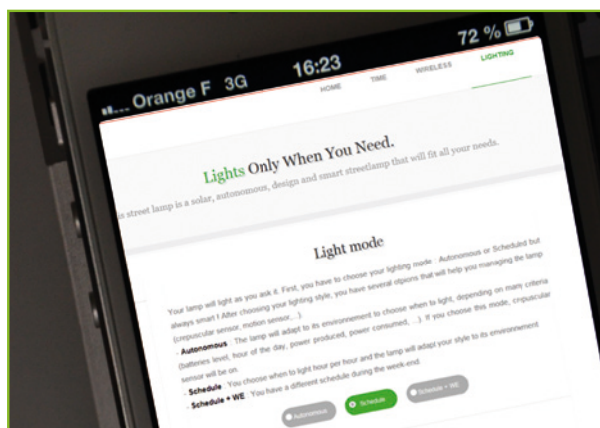
Pole in anodised aluminium



High performance IP67 LEDs with a >90% luminous efficiency



High efficiency solar panels



Easy programming through WiFi

Economical & **ecological** street and outdoor lights



No power supply required



Simple installation, no cabling required



CO₂ emission free



Low-cost maintenance

Smart street & outdoor **lights**



Programming of the luminous intensity



Motion Sensor



Light detector

Technical specifications

MECHANICAL DATA		
Installation height	H 450 cm x L 25 cm x P 11 cm	H 600 cm x L 25 cm x P 11 cm
Light pole	Anodised aluminium	
Installation	Standard concrete possible	
LEDs LIGHT		
Light source	IP 67 (JP) LEDS	
Max. Power	30 W	2 x 30 W
Typ. illuminance	Up to 40 lx	
LED temperature	4 000K CRI > 75	
Typ. service life (50%)	> 30 000 hours	
Remote maintenance	via WiFi	
SOLAR POWERED		
Solar technology	Glass/EVA/silicon-solar-cells/TPT	
Nominal power output	960 Wh	
Wi-Fi programming	On web page via smartphone, touchpad or computer	
Motion detector	Microwaves 5-7 m	
Light sensor	Included	
Batteries	3 Li-ion 3,2V batteries / 100Ah	
Electronic Board	BMS circuit board with charger integrated for charging flux control	
Solar Module	Inside the pole – 4 x 35 = 140 Wp	Inside the pole – 6 x 35 = 210 Wp
COMPLIANCE		
Illumination	According to EN 13201 (at full power and depending on road set up)	
Photovoltaic	EN 61215 adapted	
Mechanics	EN 40, IK 10	
Temperature range	From -20°C to 50°C managed by probe	
Intercommunication	Zigbee® technology	
Warranty	1 year (spare parts with serial numbers)	

