



# fosera® COMMLIGHT

The **fosera. COMMLIGHT** brings light everywhere. It's available in two version: all-night, giving continues light at the highest brightness level and the smart-version which detects with a motion sensor all movements and increase the brightness level when it is really needed.



SIMPLE AND POWERFUL



INTEGRATED SOLAR PANEL AND BATTERY



SMART-VERSION WITH MOTION SENSOR OR ALL-NIGHT

fosera® COMMLIGHT	SUNBEAM	SUNRISE	SUNSHINE	
LED lumens output (configurable)	800 - 1000 lm	1600 - 2000 lm	3200 - 4000 lm	
LED efficiency	150-170 lm/W			
LED Color temperature	CCT range available from 4000 - 6500 K			
LED light distribution	Asymmetric Batwing <sup>1</sup> ; other options based on order volume			
LED operation	Constant current controlled			
LED Life-time	Minimum of 70,000 hours			
Motion sensing technology options	Infra-red sensor**			
Battery capacity @13.2V	all-night brightness	12.8 Ah	27 Ah	50 Ah***
	smart brightness	6.4 Ah	12.8 Ah	27 Ah
Battery technology	Lithium-Iron-Phosphate (LiFePO <sub>4</sub> ) with MPPT charge control			
Enclosure	IP65 rated with aluminium structure & passive-cooled battery box			
Operation range	-20°C to +55°C ambient; Wind-speed up-to 120 km/h; RH up-to 95%			
Mounting method	Easy vertical clamp-on to poles with anti-theft screws			
Recommended mounting height	4-5 m	4-6 m	5-7 m	
Warranty	3 years; extendable to 5 years**			

## SOLAR PANEL

Solar-PV capacity	all-night brightness	20 + 20* W	20 + 40* W	20 + 80* W
	smart brightness	20 W	20 + 20* W	20 + 40* W

*All lamps contain a 20W integrated PV module inclined at 10°. Additional modules can be tilted*

## OPERATION TIME

Daily operation hours	12 hours with automatic dusk till dawn control
Autonomy days	2-3 days with minimum solar insolation of 3.5 kWh/m <sup>2</sup>

\* Refers to additional external module that can be tilted. \*\* Additional cost apply \*\*\* Subject to change

