fosera.

BUILT TO LAST

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[1]; 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 (LiFePO4) 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/m²

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