

LED NATURE™ Series



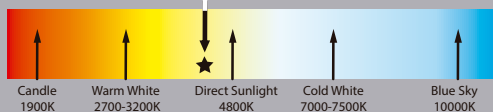
3W – 12VDC

7W – 12VDC
7W – 24VDC

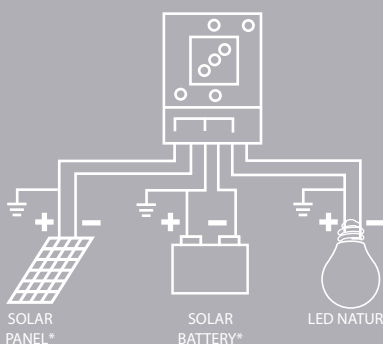
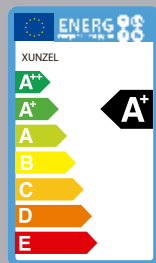
12W – 12VDC

LED NATURE™ Series

Neutral LED Light
4000K



SOLAR CHARGE
AND DISCHARGE
CONTROLLER*



LED NATURE™ Series

High-Efficiency Ultra-Safe DC LED Bulbs

Product Overview

- Low-Voltage DC LED lighting
- Ultra-Safe 12VDC or 24VDC (depending on the model)
- High-efficiency and very low consumption (3W, 7W or 12W depending on the model)
- High-brightness and uniform
- Up to 1080 lumen. Irradiation angle 240 degree. 4000K neutral white. Excellent light efficiency
- Long lifespan
- Maintenance-free
- Do not emit UV or Near-Infrared (IR) radiation
- Without mercury (0,0mg Hg)
- Instantaneous light, no warm up time
- Can easily be placed in any E27 base or standard luminaire
- Robust, rugged and elegant design
- A cost-effective solution for outdoor and indoor applications (protect them from getting wet in outdoor applications)
- Connect them directly to the battery via a discharge controller. With no need of an inverter for lighting. Increase savings and efficiency of the system considerably
- Ideal for DC applications, such as, Solar, Wind and Hybrid Off-Grid and Off-Shore lighting systems: domestic or industrial lighting, street lighting, garden walkways, doorways, decks, docks, driveways, garages, sheds, cabins, remote or rural areas, RVs, etc.

Specifications

MODEL	XLED0312	XLED0712	XLED1212	XLED0724
Rated voltage	12V DC	12V DC	24V DC	
Voltage range	10V – 15V	10V – 15V	20V – 30V	
Consumption	3W	7W	12W	7W
Incandescent equivalent	25W	60W	75W	60W
Current consumption	250mA @ 12.5V ± 10%	583mA @ 12.5V ± 10%	1000mA @ 12.5V ± 10%	292mA @ 12.5V ± 10%
Light flow	240 lm	630 lm	1080 lm	630 lm
Light efficiency			> 90 lm/W	
Light angle			240°	
Light color-temperature			4000 K	
CRI – color rendering index			80	
Temperature / humidity			-20°C to 50°C / Max. 95%	
Protection			IP40	
Type of base			E27	
Diameter / length	50/ 92mm	60/ 110mm	65/ 124mm	60/ 110mm

IS-2006216-GAH



Industry Leading Technology for Off-Grid, Off-Shore and Backup Power Applications

