

# LED NATURE Series



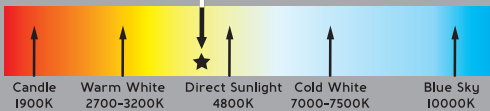
3W - 12VDC

7W - 12VDC  
7W - 24VDC

12W - 12VDC

LED NATURE™ Series

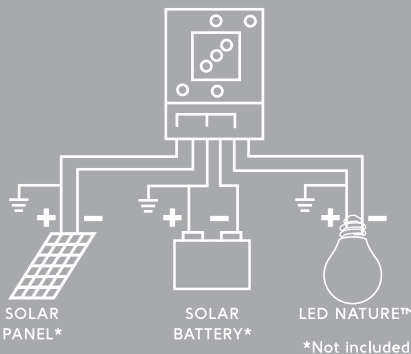
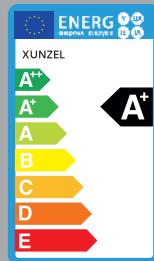
Neutral LED Light  
4000K



Irradiation angle



SOLAR CHARGE  
AND DISCHARGE  
CONTROLLER\*



SOLAR  
PANEL\*

SOLAR  
BATTERY\*

LED NATURE™  
\*Not included



GARDEN



LAND



CARAVAN



MARINE

## LED NATURE™ Series -XUNZEL XUNZEL 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 270 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
- No ballast required
- 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		24V DC
Voltage range		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	260 lm	630 lm	1080 lm	630 lm
Light efficiency			> 90 lm/W	
Light angle			270°	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	55/ 100mm	60/ 108mm	70/ 135mm	60/ 110mm

XU-2111215-AH



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



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