



xunzel™

applied Solar and Wind Energy™

PRODUCT
NOTE

LED NATURE™ Series

High efficiency LED lamps
Direct Current (DC) 12V and 24V



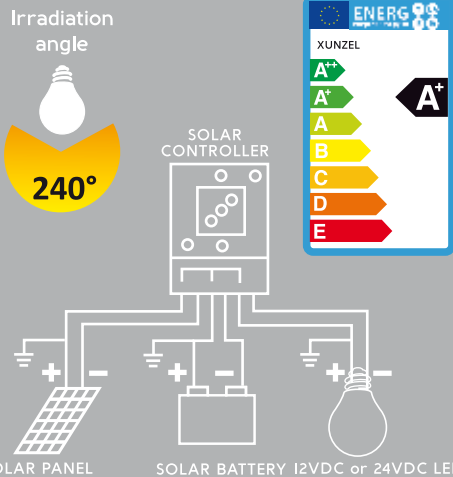
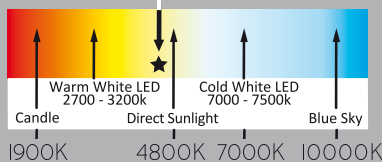
LED NATURE
3W - 12VDC

LED NATURE
7W - 12VDC
7W - 24VDC

LED NATURE
12W - 12VDC



Light Color - T[Kelvin]: 4000K
Natural Light LED



LED NATURE™ Series - XUNZEL

High efficiency LED lamps.
Direct Current (DC) 12V and 24V

Product Overview

LED NATURE™ Series – XUNZEL lamps of Direct Current (CC) are ultra-efficient professional lamps with an extremely low consumption, with excellent light efficiency, with a long lifespan and maintenance free.

They work with an ultra-low-voltage DC (12V or 24V), are ideal for applications in direct current (DC) without any ballast and solar and wind power applications as they can be connected directly to the solar battery via a discharge controller saving the use of an inverter and increasing the efficiency of the system.

With an excellent performance in a wide range voltage, optimizing solar and wind systems.

It does not emit UV or Near-infrared (IR) radiation. Without mercury (0.0mg Hg).

Light at 100% instantaneously, no warm up time.

They can easily be placed in any E27 base or standard luminaire to be connected to batteries.

Robust design with suitable materials to withstand any situation, they are ideal for any application, domestic, industrial, street lighting and outdoor use (in outdoor lights minimum IP65).

Available Models

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	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

L-II06214-MA



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



info@xunzel.com
www.xunzel.com