

## SL LED (3 – 13 W)

DC High Power LED Lamps



- Extremely low power consumption
- High luminous efficacy
- Lifespan 50,000 h
- Infinite number of switching cycles
- Metal housing

The Phocos solar SL LED lamps provide high illumination levels with very low power consumption and a long lifespan. The DC LED lamps can be used directly in 12 V or 24 V

battery or solar systems without any ballast. The lamps have a standard E27 socket.

Type	SL-BY03	SL-BY05	SL-BY07	SL-BY09	SL-BY13
Voltage range	10.5 – 30 V				
Power consumption	3 W	5 W	7 W	9 W	13 W
Supply current ( $\pm 10\%$ )	240 mA @ 12.5 V	400 mA @ 12.5 V	560 mA @ 12.5 V	720 mA @ 12.5 V	1000 mA @ 12.5 V
Luminous intensity	> 210 lm	> 350 lm	> 490 lm	> 630 lm	> 900 lm
Luminous efficiency	> 95 lm / W (@ 12 V)				
Irradiation angle	120-140°				
Light color	Cool white (typical: 5,600 K)				
Ambient temperature	-20 °C to +60 °C				
Humidity max.	85% not condensing				
Socket	E27 (Edison)				
Diameter	50 mm	60 mm	60 mm	70 mm	90 mm
Length	95 mm	105 mm	120 mm	120 mm	175 mm
Type of protection	IP30		IP52	IP30	