

CL 12 (3 – 11 W)

DC Compact Fluorescent Lamps



- 12 V DC Operation
- Extremely high illumination efficiency
- Extremely high number of switching cycles
- Over-Temperature Protection (OTP)
- Standard socket available

Phocos' CFL lamps provide very high illumination levels at low power consumption. This high quality 12 V DC lamp can be used directly in 12 V battery or solar systems. The life span of the lamp is more than 8,000 hours. The new version of CFL lamps is now regulated by a DC-preheating circuit which makes an extremely high number of switching cycles possible (IEC925).

Furthermore the lamps are equipped with an over-temperature protection (OTP) which causes the lamps to automatically switch off prior to overheating (especially when operated at too extreme environmental conditions) and therefore prevents damage to the lamp. Thus, the product life span is significantly increased. It is an excellent choice for any illumination purpose which requires more than 100 lumens. As the lamps are produced in our own factory, we can provide customized versions on request.

Type	CL 1203C CL 1203W	CL 1205C CL 1205W	CL 1207C CL 1207W	CL 1209C CL 1209W	CL 1211C CL 1211W
Voltage range	11 – 15 V				
Nominal power	3 W	5 W	7 W	9 W	11 W
Nominal current	240 mA	400 mA	560 mA	720 mA	900 mA
Light intensity	100 lm	250 lm	350 lm	520 lm	630 lm (C) 670 lm (W)
Light temperature	6,400 K (C) 2,700 K (W)				
Temperature range	–10 to +50 °C				–10 to +40 °C
Socket	E27 (Edison)				