

## CL 12 (15 – 30 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 with 15 W and 30 W power consumption open up a new range for 12 V DC lighting equipment. 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.

Of course the lamps comply with the CE standards for low interference with radios and other electronic devices. The special shape of the 15 W tube allows the installation in locations where usually only incandescent bulbs fit. As the lamps are produced in our own factory, we can provide customized versions on request.

Type	CL 1215C	CL 1230C
	CL 1215W	CL 1230W
Voltage range	11 – 15 V	
Nominal power	15 W	30 W
Nominal current	1,200 mA	2,400 mA
Light intensity	925 lm (C)	1,500 lm (C)
	950 lm (W)	1,500 lm (W)
Light temperature	6,400 K (C)	
	2,700 K (W)	
Temperature range	-10 to +40 °C	-10 to +35 °C
Socket	E27 (Edison)	