



CL1215W/C-2, CL2415W/C-2, CL1230W/C-2 DC compact fluorescent lamps

- 12 V or 24 V DC operation voltage
- Extremely high illumination efficiency
- Extremely high number of switching cycles
- Over-Temperature Protection (OTP)
- Standard socket available



CL

Phocos's CFL lamps with 15 W and 30 W power consumption open up a new range for 12 V and 24 V DC lighting equipment. The life span of the lamp is more than 10 000 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.

The lamps have a standard E27/Edison socket (a bayonet socket is available on request).

As the lamps are produced in our own factory, we can provide customized versions on request.

* Types with cold light temperature can have up to 10% less light intensity.

Type	CL1215W/C-2	CL2415W/C-2	CL1230W/C-2
Nominal voltage [V]	11-15	22-30	11-15
Nominal power [W]	15	15	30
Nominal current [mA]	1200	600	2400
Light intensity [lm]	>1020 (W) *	>750 (W) *	>1500 (W) *
Light temperature [K]	2700 (W) 6400 (C)	2700 (W) 6400 (C)	2700 (W) 6400 (C)
Ambient temp. Range [°C]	-10 to +50	-10 to +50	-10 to +50
Socket	E27 (bayonet on request)	E27 (bayonet on request)	E27 (bayonet on request)

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