



CL1203/1205/1207/1209/1211W/C-2.1

DC Compact Fluorescent Lamps



- 12V 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 12V DC lamp can be used directly in 12V 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	CL1203C/W-2.1	CL1205C/W-2.1	CL1207C/W-2.1	CL1209C/W-2.1	CL1211C/W-2.1
Voltage Range	11-15V	11-15V	11-15V	11-15V	11-15V
Nominal Power	3W	5W	7W	9W	11W
Nominal Current	240mA	400mA	560mA	720mA	900mA
Light Intensity	100lm(W) 100lm(C)	250lm(W) 250lm(C)	350lm(W) 350lm(C)	520lm(W) 520lm(C)	670lm(W) 630lm(C)
Light Temperature	2700K(W) 6400K(C)	2700K(W) 6400K(C)	2700K(W) 6400K(C)	2700K(W) 6400K(C)	2700K(W) 6400K(C)
Temp. Range	-10 to +50 °C	-10 to +50 °C	-10 to +50 °C	-10 to +50 °C	-10 to +40 °C
Socket	E27 (Edison)	E27 (Edison)	E27 (Edison)	E27 (Edison)	E27 (Edison)

Phocos AG, Germany
info@phocos.com

Phocos China Ltd., China
Info-china@phocos.com

Phocos India Solar Pvt. Ltd., India
Info-india@phocos.com

Phocos Latin America S.R.L., Bolivia
Info-latinamerica@phocos.com

Phocos Rep. Office Australia, Australia
Info-australia@phocos.com

Phocos Rep. Office Brazil, Brazil
Info-brazil@phocos.com

Phocos Rep. Office Eastern Africa, Kenya
Info-easternafrica@phocos.com

Phocos Eastern Europe S.R.L., Romania
Info-easterneurope@phocos.com

Phocos SEA Pte Ltd, Singapore
Info-sea@phocos.com

Phocos Rep. Office South Africa
Info-sadc@phocos.com

Phocos Tunisia
Info-maghreb@phocos.com

Phocos USA
Info-usa@phocos.com