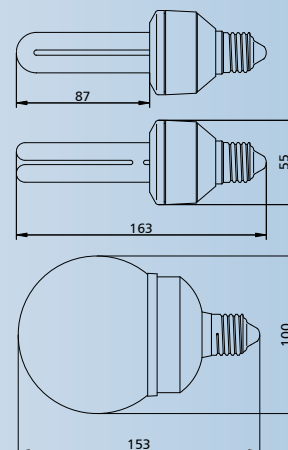


Lamps



Steca Solsum ESL / ESL Globe

5 W, 7 W, 11 W / 12 V Energy Saving Lamp

Steca designed and recently improved the electronic ballast of the 12 V DC compact fluorescent lamp (CFL). Preheating, high electronic efficiency and low thermal losses increase the lifetime of the CFL to more than 100.000 on / off switching cycles. The Steca CFLs show much higher lumen efficiencies (lm/W) compared to LED or incandescent lamps.

Certificates

- conform to European Standards (CE)
- listed for Worldbank funded projects in China, Sri Lanka
- development in Germany
- manufactured in an ISO 9001 facility

Features

- brightness of 11 W CFL is comparable with a 60 W incandescent bulb
- saves up to 80 % of energy compared to an incandescent bulb
- high reliability of more than 100.000 on / off switching cycles
- easy to install by a E27 or bayonett socket
- several years of operation in the field
- soft lighting color by „globe“ design
- compact & robust product design



Steca Energy Saving Lamp	ESL 5	ESL 7	ESL 11	Globe 7 W
nominal current at 12 V	420 mA	580 mA	920 mA	580 mA
nominal voltage	12 V			12 V
nominal power	5 W	7 W	11 W	7 W
luminous flux	210 Lm (12 V)	320 Lm (12 V)	550 Lm (12 V)	308 Lm (12 V)
luminous efficiency	42 lm/w (12 V)	46 lm/w (12 V)	50 lm/w (12 V)	44 lm/w (12 V)
life span (minimal)	6,000 h			6,000 h
switching cycles	100,000			100,000
ambient temperature allowed	-5 °C...+40 °C			-5 °C...+40 °C
dimensions l x w	123 x 55 mm	133 x 55 mm	163 x 55 mm	153 x 100 mm
weight	125 g		135 g	150 g
socket	E27 / Bayonett			E27
light colour	cool white (6400K) / warm white (2700K)			cool white (6400K)

Technical data at 25 °C / 77 °F