

Indoor LED Lamp: Sunflower SFL v.2.4



- High efficiency LED Lamp
- 12VDC (24VDC option) LED driver versions available
- Over temperature protection dimming
- High quality die cast Lamp shade/Heat Sink
- L70-LED life time >60,000 h
- Reverse polarity protection



SFL series lamps are high lumen output, long life, reliable lamps for indoor lighting applications. Due to their advanced and unique over temperature protection, SFL series lamps can withstand extreme conditions. Using high frequency switching LED driver technology with no electrolytic capacitors (12V Types), Zimpertec lamps provide excellent performance in light efficiency, lifetime and reliability. The unique heat sink design with no fins or gaps avoids any insects or dust blocking the heat dissipation, further improving SFL performance and reliability.

Technical Data Sunflower Lamp					
Type:	SFL-12/02CW	SFL-12/03CW	SFL-12/05CW	SFL-12-24/05CW	SFL-12-24/07CW
Color Temperature +/- 10% in K	Cool White 6000K ^{*)}	Cool White 6000K ^{*)}	Cool White 6000K ^{*)}	Cool White 6000K ^{*)}	Cool White 6000K ^{*)}
Power (+/-0.5W)	2W	3W	5W	5W	7W
Current @ 12V	0.17A	0.25A	0.42A	0.42A	0.58A
Lumen output	280lm	420lm	650lm	650lm	875lm
Luminous efficiency +/-10%	140lm/W	140lm/W	130lm/W	130lm/W	125lm/W
Voltage	10.5 to 20V DC	10.5 to 20V DC	10.5 to 20V DC	10.5 to 30V DC	10.5 to 30V DC
CRI	80%	80%	80%	80%	80%
Temperature	-20...+50°C	-20...+50°C	-20...+50°C	-20...+50°C	-20...+50°C
LED lifetime	>60,000h (TM21)	>60,000h (TM21)	>60,000h (TM21)	>60,000h (TM21)	>60,000h (TM21)
Socket	E27	E27	E27	E27	E27
Diameter/Height	122mm/60mm	122mm/60mm	122mm/60mm	122mm/60mm	122mm/60mm
Driver Frequency	1.5MHz	1.5MHz	1.5MHz	200kHz	200kHz
IP Rating	IP50				
Humidity	<95% non-condensing				
Switching Cycles	Infinite switching cycles				
Protection	Full protection: over voltage; over temperature; short circuit; reverse polarity				

^{*)} other light colors on request (NW=4900K; WW=3000K)

^{**)} 12-24V lamps using Electrolytic Capacitors for Driver

All performance values valid at 12VDC and 25°C ambient temperature

Sunflower lamps are additionally available with wire and switch instead of E27 sockets.