

## Indoor LED Lamp: Sunflower SFL

- 100lm/W High efficiency LED Lamp
- 12VDC (24VDC option) LED driver versions available
- Over temperature protection dimming
- High quality die cast Lamp shade/Heat Sink
- LED life time 50,000 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, 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 12V												
Type	SFL-12/02			SFL-12/03			SFL-12/05			SFL-12/07		
Light color type	CW	NW	WW	CW	NW	WW	CW	NW	WW	CW	NW	WW
Color Temperature +/- 10% in K	6000K	4900K	3000K	6000K	4900K	3000K	6000K	4900K	3000K	6000K	4900K	3000K
Power (+/-0.5W)	2W			3W			5W			7W		
Current @ 12V	0.17A			0.25A			0.42A			0.58A		
Lumen output	200lm	200lm	180lm	300lm	300lm	270lm	500lm	500lm	450lm	700lm	700lm	630lm
Luminous efficiency +/-5%	100lm/W	100lm/W	90lm/W	100lm/W	100lm/W	90lm/W	100lm/W	100lm/W	90lm/W	100lm/W	100lm/W	90lm/W
Voltage	10.5 to 20V DC											
CRI	80%											
Working Temperature	-20...+50°C											
LED lifetime	50,000h											
IP Rating	IP50											
Humidity	<95% non-condensing											
Socket	E27											
Diameter/Height	122mm/60mm											
Switching cycle	Infinite											
	All performance values valid at 12VDC and 25°C ambient temperature *) <b>WW and NW light color on request only</b>											

Technical Data Sunflower Lamp 24V						
Type	SFL-24/05			SFL-24/07		
Light color type	CW	NW	WW	CW	NW	WW
Color Temperature +/- 10% in K	6000K	4900K	3000K	6000K	4900K	3000K
<b>Power (+/-0.5W)</b>	<b>5W</b>			<b>7W</b>		
Current @ 24V	0.21A			0.29A		
Lumen output	500lm	500lm	450lm	700lm	700lm	630lm
Luminous efficiency	100lm/W	100lm/W	90lm/W	100lm/W	100lm/W	90lm/W
Voltage	22...30V DC					
CRI	>80%					
Working Temperature	-20...+50°C					
LED lifetime	50,000h					
IP Rating	IP50					
Humidity	<95% non-condensing					
Socket	E27					
Diameter/Height	122mm/60mm					
Switching cycle	Infinite					
	All performance values valid at 24VDC and 25°C ambient temperature *) <b>WW and NW light color on request only</b>					