

E10 DC Screw LED Lamp:

E10 DC Screw LED Lamp is an LED that requires an external series resistor to permit direct connection to DC 6V.

Features:

- 8mm LED
- Water Clear Type
- DC 6V

Applications

- Bicycle Light/Torch
- Dashboard Signal/Automotive Lighting

Absolute maximum rating (Ta=25°C)

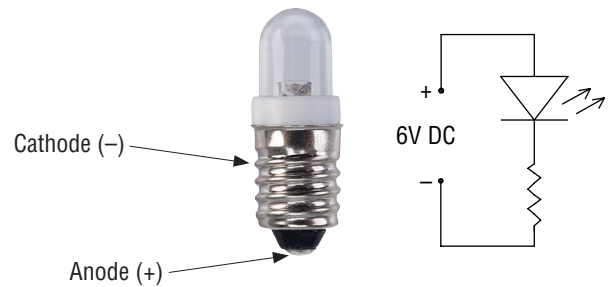
Item	Symbol	Value	Unit
DC forward current	V_F	8	V
Power dissipation	P_D	0.24	W
Operating temperature	T_{opr}	-30 to +85	°C
Storage temperature	T_{stg}	-40 to +100	°C
Lead soldering temperature	T_{sol}	260°C/5sec	-

Electrical - Optical characteristics (Ta=25°C)

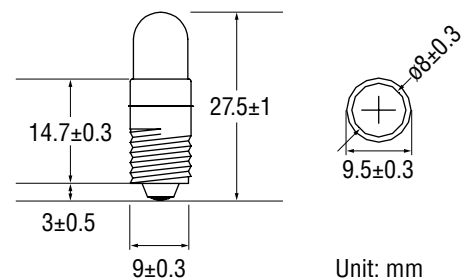
Colour	Control Voltage DC (V)	Domi. Wavelength*	Luminous Intensity*
	Working Current: $I_F=20mA$		
	Typ.	Typ.	Typ.
Cool white	6	8000-17000K	8400mcd

*1 Tolerance of measurements of chromaticity coordinate is +10%
 *2 Tolerance of measurements of luminous intensity is +15%
 *3 Tolerance of measurements of forward voltage is $\pm 0.1V$
 *4 Tolerance of measurements of dominant wavelength is +1nm

Circuit diagram:



Outline dimensions:



Directivity:

