

E10 DC Screw LED Lamp

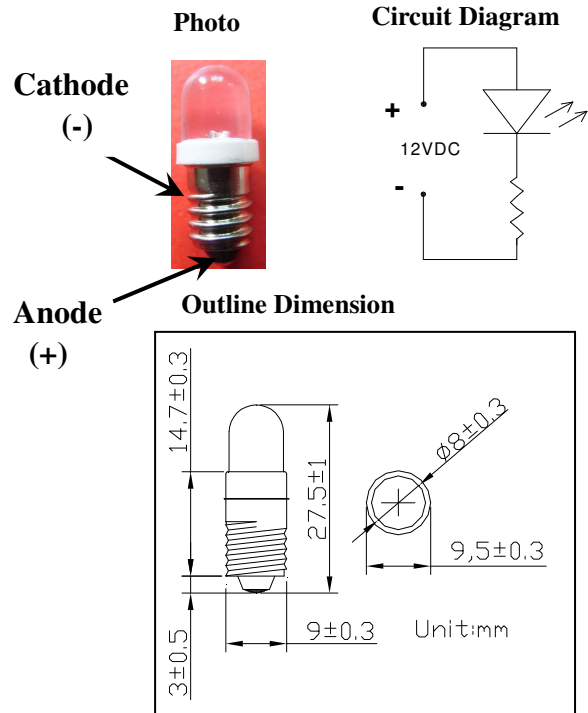
E10 DC Screw LED Lamp is LED which requires a resistor in series to permit direct connection to DC 12V.

■ Features

- 8mm LED
- Water Clear Type
- DC 12V

■ Applications

- Bicycle Light / Torch
- Dashboard Signal / Automotive Lighting

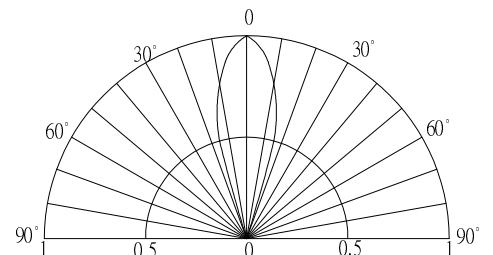


■ Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Voltage	V _F	14	V
Power Dissipation	P _D	0.42	W
Operating Temperature	T _{opr}	-30 ~ +85	°C
Storage Temperature	T _{stg}	-40 ~ +100	°C
Lead Soldering Temperature	T _{sol}	260°C/5sec	-

■ Directivity



■ Electrical -Optical Characteristics

(Ta=25°C)

Part Number	Color	Control Voltage	Domi.	Luminous
		DC (V)	Wavelength*	Intensity*
		Working Current: I _F =20mA		
		Typ.	Typ.	Typ.
OPDK-W5DK8B31F	Cool White	12	8000-17000K	25000mcd
OPDK-M5DK8B31F	Warm White	12	2500-3500K	14400mcd
OPDK-B5SA8B31F	Blue	12	465-475nm	8000mcd
OPDK-G5DA8B31F	Green	12	520-530nm	25000mcd
OPDK-5YPM8B31F	Yellow	12	585-595nm	15000mcd
OPDK-5RPM8B31F	Red	12	620-630nm	15000mcd

*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 ±0.1V

*4 Tolerance of measurements of dominant wavelength is ±1nm