

E10 Screw Flashing LED

E10 DC Screw LED is LED allows direct connection to DC 3.0-5.0V.

■Features

- 8mm LED
- Water Clear Type
- DC3.0-5.0V
- Flashing Type

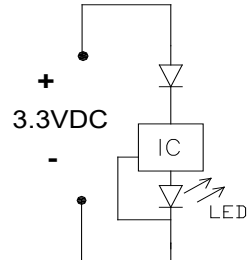
■Applications

- Bicycle Light / Torch
- Dashboard Signal / Automotive Lighting

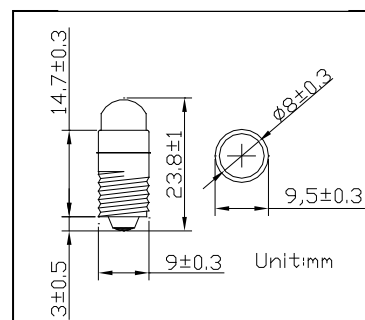
Photo



Circuit Diagram



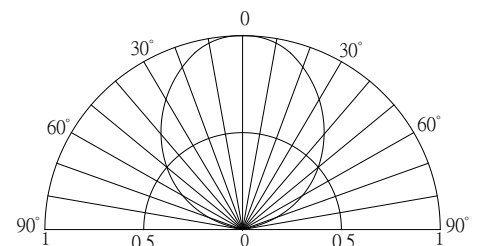
Outline Dimension



■Absolute Maximum Rating (Ta=25°C)

Item	Symbol	Value	Unit
DC Input Voltage	V _F	5.0	V
Power Dissipation	P _D	0.2	W
Operating Temperature	T _{opr}	-30 ~ +85	°C
Storage Temperature	T _{stg}	-40 ~ +100	°C

■Directivity



■Electrical -Optical Characteristics (Ta=25°C)

Part Number	Color	Input Voltage*			WD* / CCT*	Luminous Intensity*	Oscillator Frequency*	Duty Cycle
		Min	Typ.	Max.			Fled	Duty
OPNT-W5DS86A1B	Cool White	3.0	3.3	5.0	8000-17000K	2180mcd	1.8Hz	1/2
OPNT-W4DS86A1B	White	3.0	3.3	5.0	5500-8500K	2180mcd		
OPNT-M5DS86A1B	Warm White	3.0	3.3	5.0	2500-3500K	2180mcd		
OPNT-B5SS86A1B	Blue	3.0	3.3	5.0	465-475nm	1120mcd		
OPNT-G5DS86A1B	Green	3.0	3.3	5.0	520-530nm	2500mcd		
OPNT-Y5MS86A1B	Yellow	3.0	3.3	5.0	585-595nm	1560mcd		
OPNT-R5MS86A1B	Red	3.0	3.3	5.0	620-630nm	1560mcd		

*1 Tolerance of measurements of chromaticity coordinate/CCT is $\pm 10\%$

*2 Tolerance of measurements of luminous intensity is $\pm 15\%$

*3 Tolerance of measurements of forward voltage is $\pm 0.1V$