

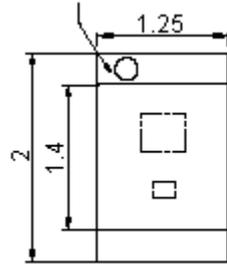
SMD Super Bright LED



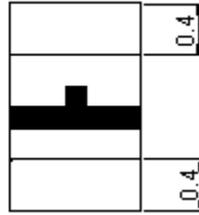
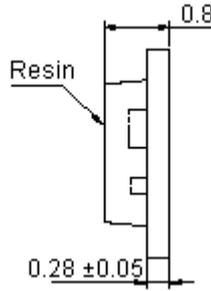
OVS-08 Series



Anode Mark



Top View

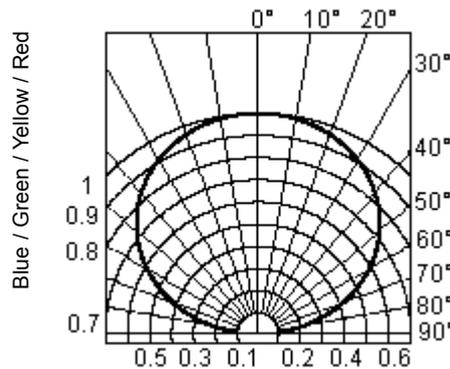
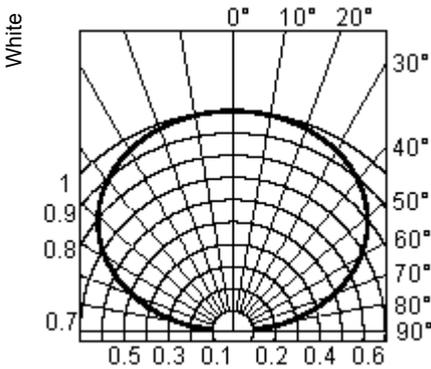


Bottom View

Features :

- Standard 0805 Package
- Wide Viewing Angle

Radiation Diagram (s)



Maximum Rating at $T_a = 25^\circ\text{C}$

Reverse Voltage (<math>< 100 \mu\text{A}</math>)	:5 V
D.C Forward Current	:30 mA
Pulse Current (Pulse Width of 0.1 ms, 1 / 10 Duty Cycle)	:80 mA
Operating Temperature Range	:-30 to +80°C
Storage Temperature Range	:-40 to +85°C
Soldering Temperature Reflow Soldering	:260°C for 10 seconds

Electrical and Optical Characteristics at $T_a = 25^\circ\text{C}$

Ant Part No.	LED Chip			Lens Colour	Dominant Wavelength (nm) at 20 mA	Luminous Intensity (mcd) at 20 mA		Forward Voltage (V) at 20 mA		Viewing Angle $2 \theta^{1/2}$ (deg)
	Material	Emitted Colour	Brightness			Minimum	Typical	Typical	Maximum	
OVS-0808	A1GaIn P / Si	Red	Mega	Water Clear	625	165	300	2.1	2.6	130

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