

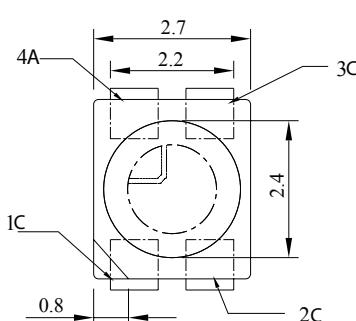
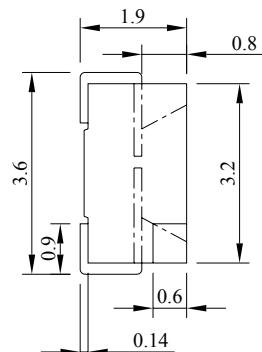
## SMD Super Bright LED

### OVS-30 Series

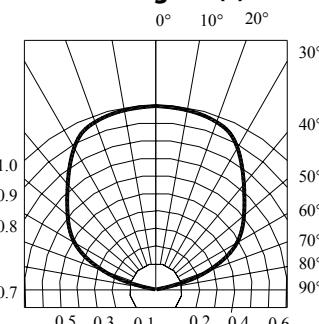
#### Features:

- Standard PLCC-4 Package
- High Reliability LED Package
- Super Wide Viewing Angle

Note: Electrical connections for all cathodes recommended



#### Radiation Diagram(s)



#### Maximum Ratings at Ta=25°C

Reverse Voltage (<100µA) .....	5.0V
D.C. Forward Current .....	30mA
Pulse Current (Pulse Width of 0.1ms, 1/10 Duty Cycle) .....	100mA
Operating Temperature Range .....	-25 to +85°C
Storage Temperature Range .....	-40 to +100°C
Soldering Temperature Dip Soldering .....	260°C for 5 secs
Soldering Temperature Hand Soldering .....	350°C for 3 secs

#### Electrical & Optical Characteristics at Ta=25°C

Ant Part No.	LED Chip			Lens Colour	Dominant Wavelength (nm) at 20mA	Luminous Intensity (mcd) at 20mA	Forward Voltage (V) at 20mA	Viewing Angle 2θ½(deg)
	Material	Emitted Colour	Brightness					
OVS-3003	InGaN / Sapphire	Blue	Mega	Water Clear	465	80 200	3.2 4.0	120
OVS-3004	InGaN / Sapphire	True Green	Mega	Water Clear	520	270 500	3.2 4.0	120
OVS-3006	A1GaInP/Si	Yellow	Mega	Water Clear	589	200 450	2.1 2.5	120
OVS-3008	A1GaInP/Si	Red	Mega	Water Clear	625	200 420	2.1 2.6	120

Ant Part No.	LED Chip			Lens Colour	Co-ordinates for CIE Chromaticity at 20mA	Luminous Intensity (mcd) at 20mA	Forward Voltage (V) at 20mA	Viewing Angle 2θ½(deg)
	Material	Emitted Colour	Brightness					
OVS-3001	InGaN/Sapphire	White	Mega	Water Clear	0.31 0.30	500 1250	3.2 4.0	120

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