



Features

- High Luminance
- High Operating Temperature
- Industry Standard 7.62mm Square Package
- Water clear lens

Max. Ratings at T_A = 25°C

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

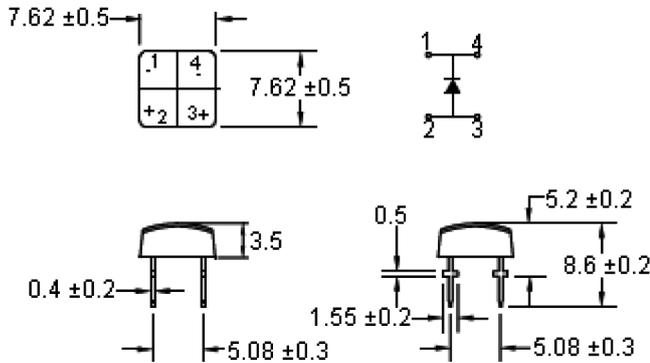
Electrical and Optical Characteristics at T_A = 25° C

Part Number	LED Chip			Co-Ordinates for CIE Chromaticity at 20mA		Luminous Intensity (mcd) at 20mA		Forward Voltage (V) at 20 mA		Viewing Angle 2θ ^{1/2}
	Material	Emitted Colours	Brightness	X Axis	Y Axis	Minimum	Typical	Typical	Max.	
OVA-1061	InGaN / Sapphire	White	Mega	0.31	0.3	370	850	3.2	4	130 Deg.

Part Number	LED Chip			Dominant Wavelength (nm) at 20mA	Luminous Intensity (mcd) at 20mA		Forward Voltage (V) at 20 mA		Viewing Angle 2θ ^{1/2}
	Material	Emitted Colours	Brightness		Minimum	Typical	Typical	Max.	
OVA-1063	InGaN / Sapphire	Blue	Mega	465	80	150	3.2	4	130
OVA-1064		True Green		520	270	540			
OVA-1068	AlGaInP / Si	Red		625	200	400	2.1	2.6	120
OVA-1066		Yellow		589					

Diagram

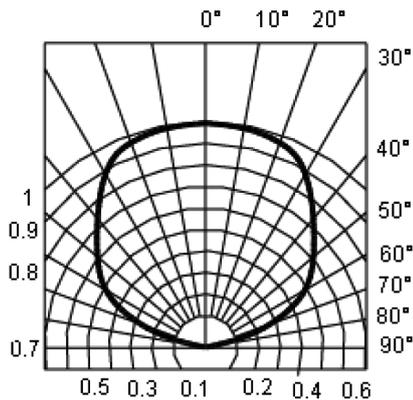
OVS-10 Series



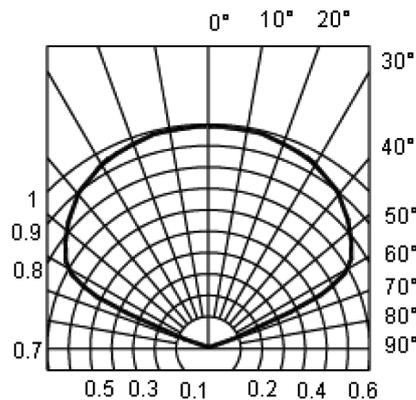
Dimensions : Millimetres

Radiation Diagrams

Green / Red / Yellow



Blue / White



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