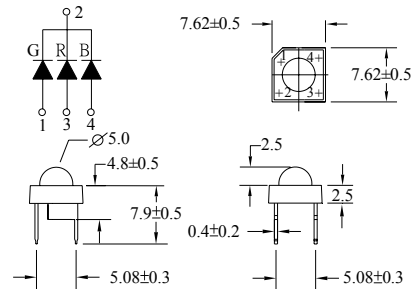


High Power Super Flux LED

OVA-10 Series

Features:

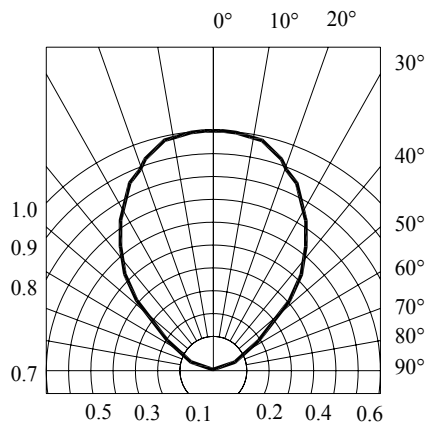
- High Luminance
- High Operating Temperature
- Industry Standard 7.62mm Square Package



Maximum Ratings at Ta=25°C

Reverse Voltage (<math><100\mu A</math>)	5.0V
D.C. Forward Current	30mA
Pulse Current (Pulse Width of 0.1ms, 1/10 Duty Cycle)	100mA
Operating Temperature Range	-40 to +100°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

Radiation Diagram



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 2 $\theta^{1/2}$ (deg)
	Material	Emitted Colour	Brightness			min.	typ.	typ.	max.	
OVA-1089	InGaN / SiC	Blue	Mega	Water Clear	470	80	220	3.5	4.2	60
	InGaN / SiC	True Green	Mega	Water Clear	520	500	1000	3.5	4.2	60
	AlGaIn/GaP	Ultrabright Red	Mega	Water Clear	630	270	600	2.2	2.6	60

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