

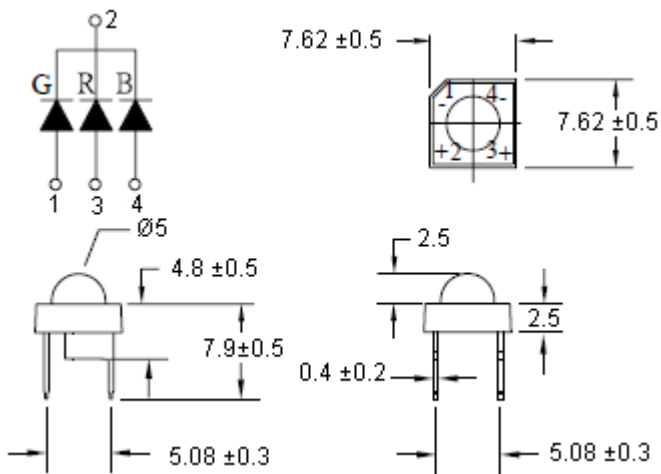
High Power Super Flux LED



Features:

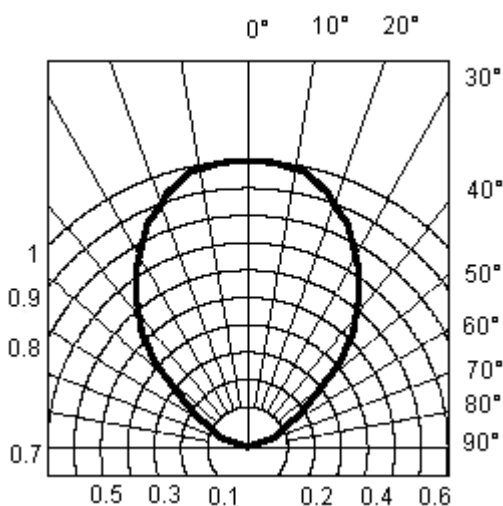
- High luminance
- High operating temperature
- Industry standard 7.62 mm square package

OVA-10 Series



Dimensions : Millimetres

Radiation Diagram



High Power Super Flux LED



Maximum Ratings at T_a = 25°C

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

Electrical and Optical Characteristics at T_a = 25°C

LED Chip			Lens Colours	Dominant Wavelength (nm) at 20 mA	Luminous Intensity (mcd) at 20 mA		Forward Voltage (V) at 20 mA		Viewing Angle 2θ ^{1/2} (°)	Part Number
Material	Emitted Colours	Brightness			Minimum	Typical	Minimum	Typical		
InGaN / SiC	Blue	Mega	Water Clear	470	80	220	3.5	4.2	60	OVA-1089
	True Green			520	500	1,000				
A1GaIn / GaP	Ultrabright Red			630	270	600	2.2	2.6		

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