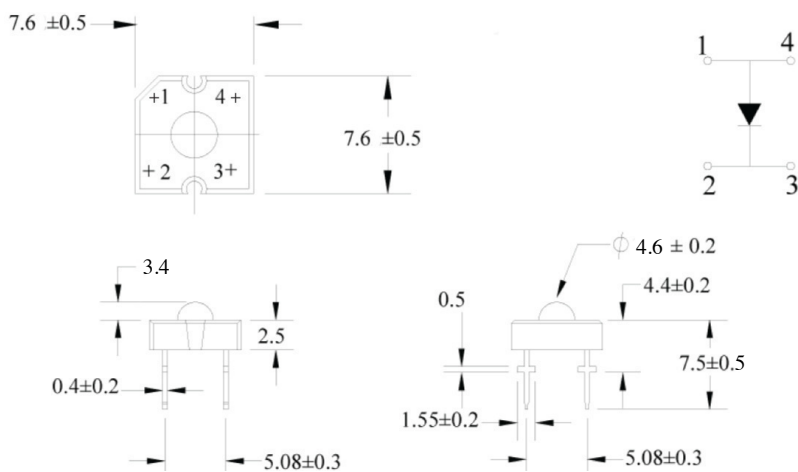


High Power Super Flux LEDs



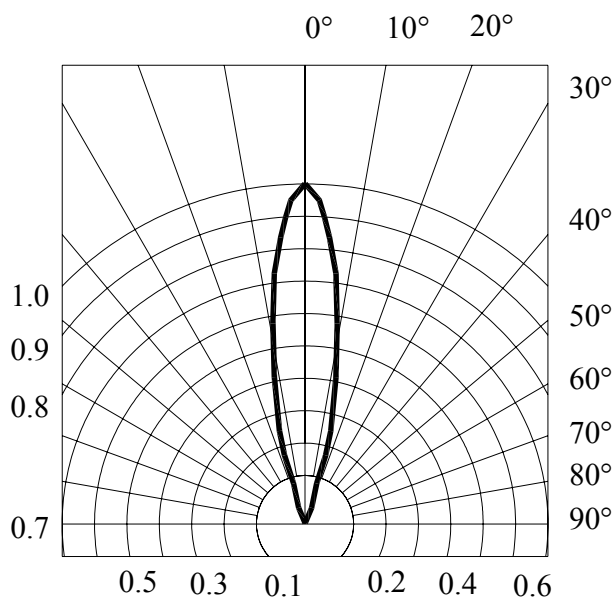
Features:

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



Dimensions : Millimetres

Radiation Diagrams



High Power Super Flux LEDs



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

Reverse Voltage (<100 μA)	: 5 V
D.C. Forward Current	: 30 mA
Pulse Current (Pulse Width of 0.1ms, 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 s
Soldering Temperature Hand Soldering	: 350°C for 3 s

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

Material	LED Chip		Lens Colours	Dominant Wavelength (nm) at 20 mA	Luminous Intensity (mcd) at 20 mA		Forward Voltage (V) at 20 mA		Viewing Angle $2\theta^{1/2}$ (°)	Part Number
	Emitted Colours	Brightness			Minimum	Typical	Typical	Maximum		
A1GaInP / Si	Yellow	Mega	Water Clear	589	4,800	9,500	2.1	2.5	20	703-0023

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