

Round Infrared LED Lamp

5mm



Features:

- Standard 5mm Package
- High Radiant Intensity
- Low Forward Voltage

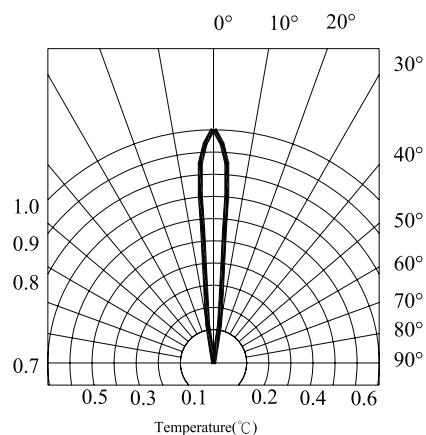
Maximum Ratings at Ta=25°C

Reverse Voltage (<100 A)	: 5V
D.C. Forward Current	: 50mA
Pulse Current (Pulse Width of 0.1ms, 1/10 Duty Cycle)	: 200mA
Operating Temperature Range	: -25°C to +85°C
Storage Temperature Range	: -40°C 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

Chip			Lens Colour	Dominant Wavelength (nm) at 20mA	Radiant Intensity (mW) at 20mA		Forward Voltage (V) at 20mA		Viewing Angle 2θ ^{1/2} (deg)
Material	Emitted Colour	Brightness			Min.	Typ.	Typ.	Max.	
A1GaAs/GaAs	InfraRed	-	Water Clear	940	7	15	1.25	1.5	10

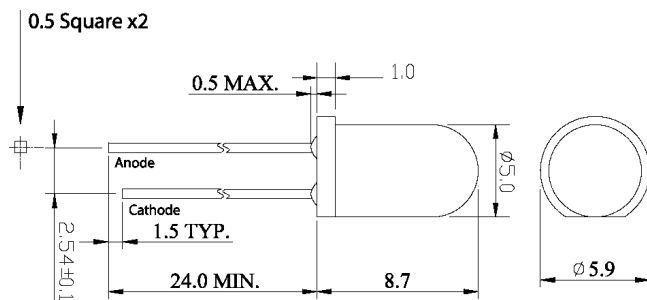
Typical Electrical / Optical Characteristics Curves:



Round Infrared LED Lamp 5mm



OFL-51 Series



Dimensions : Millimetres

Part Number Table

Description	Part Number
5mm Round InfraRed Lamp	OFL-5102

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