

LXXR5005K2P2



5mm Round Bi-colour LED Lamp



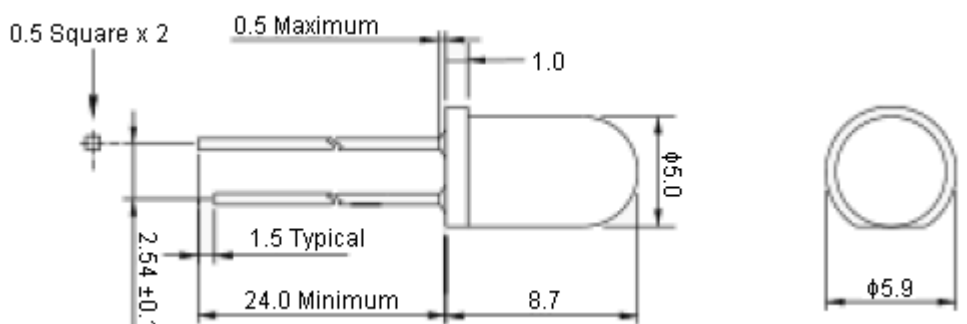
Features:

- Low current requirements.
- High light output.
- Two output colours.
- IC compatible.
- RoHS compliant.

Absolute Maximum Ratings (Ta = 25°C)

Reverse voltage	5.0V
DC forward current	30mA
Pulse current (10% duty cycle, 0.1ms pulse width)	100mA
Operating temperature range	-25°C to +85°C
Storage temperature range	-25°C to +100°C
Lead soldering temperature (1.6mm from body)	+260°C for 5 seconds

Package Dimensions



Dimensions : Millimetres

Green or Yellow Cathode



Orange or Yellow Cathode

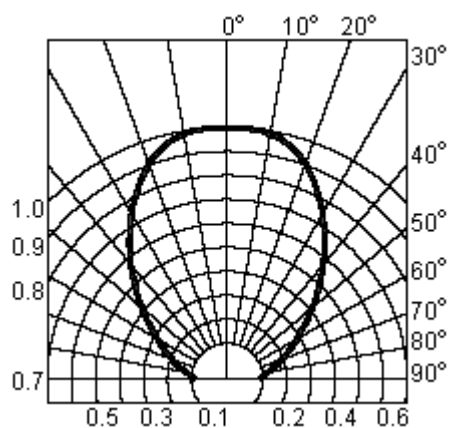
1. Tolerance is $\pm 2.5\text{mm}$ unless otherwise stated.
2. An epoxy meniscus may extend about 1.0mm down the leads.
3. Burr around bottom of epoxy body may be 0.5mm maximum.

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Radiation Pattern



Typical Elector-optical Characteristics (Ta = 25°C)

Emitting Colour		Lens Colour	Peak Wavelength at 20mA (nm)		Forward Voltage at 20mA (V)				Luminous Intensity at 20mA (mcd)		View Angle 2θ 1/2 (deg)	Part Number
					Typical	Maximum	Typical	Maximum	Typical	Typical		
Green	Orange	White Diffused	567	642	2.1	2.7	2.1	2.7	15.0	13.0	90	L24R5005K2P2
Yellow			585						13.0			L34R5005K2P2
Green	Yellow		567	685					15.0			L23R5005K2P2

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Notes:

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