

# LED Lamps

## 5mm Round Bi-Colour



RoHS  
Compliant



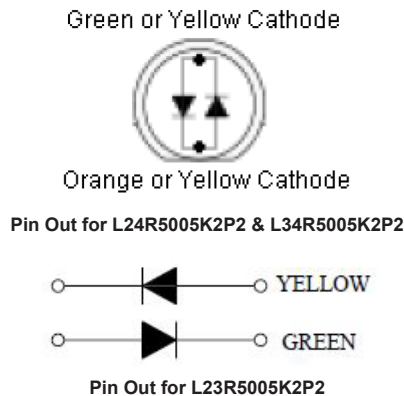
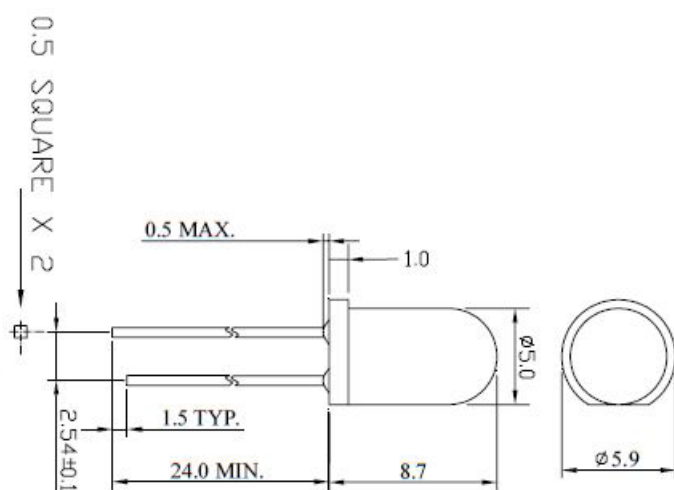
### Features

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

### Absolute Maximum Ratings (TA = 25°C)

Reverse voltage	: 5V
DC Forward Current	: 30mA
Pulse Current	: 100mA (10% duty cycle, 0.1ms pulse width)
Operating Temperature Range	: -25°C to +85°C
Storage Temperature Range	: -25°C to +100°C
Lead Soldering Temperature	: +260°C for 5 seconds (1.6mm from body)

### Diagram



Dimensions : Millimetres

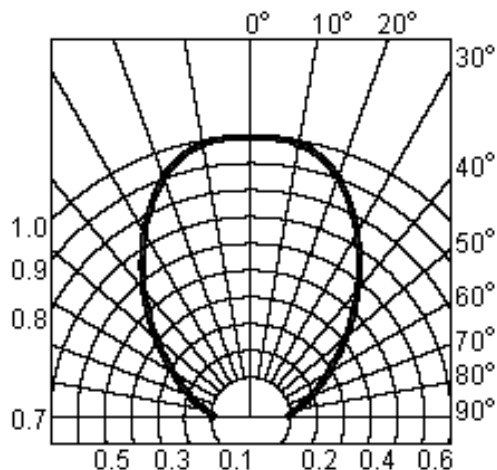
1. Tolerance is  $\pm 2.5\text{mm}$  unless otherwise stated.
2. An epoxy meniscus may extend about 1mm down the leads.
3. Burr around bottom of epoxy body may be 0.5mm maximum.

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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
					Typ.	Max.	Typ.	Max.	Typ.	Max.		
Green	Orange	White Diffused	567	642	2.1	2.7	2.1	2.7	15	13	90	L24R5005K2P2
Yellow			585						13			L34R5005K2P2
Green	Yellow		567	685					15			L23R5005K2P2

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