

LXR5005K2P2



5mm Round Bi-colour LED Lamp



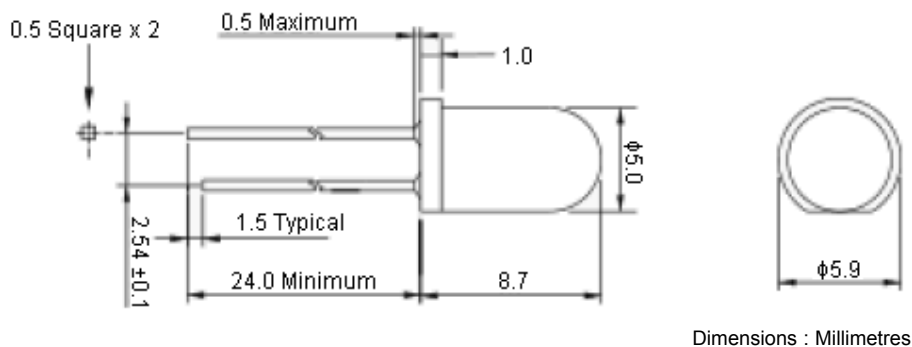
Features:

- 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



Green or Yellow Cathode



Orange or Yellow Cathode

1. Tolerance is ± 2.5 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.

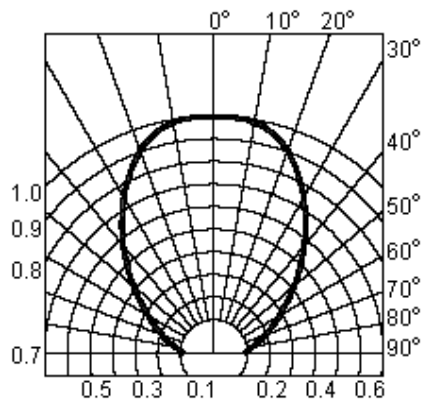


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Radiation Pattern



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 | 90 | L24R5005K2P2 | |
| Yellow | | | 585 | | | | | | 13.0 | | 13.0 | L34R5005K2P2 |
| Green | Yellow | | 567 | 685 | | | | | 15.0 | | L23R5005K2P2 | |



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Notes:

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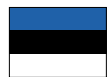


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