

# Bi-Colour LED Lamp

## Yellow/Green



RoHS  
Compliant



### Specifications:

Dice Material	: GaAsP on GaP/GaP
Emitted Colour	: Yellow/Green
Lens Colour	: White Diffused
Peak Wavelength	: 587/568nm
Viewing Angle	: 120°
Luminous Intensity (IV)	: 3.2/3.1mcd

### Electrical / Optical Characteristics at T<sub>A</sub> = 25°C

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test
Luminous Intensity	IV	1.5/1.4	3.2/3.1	5/4.9	mcd	IF = 20mA
Viewing Angle	2θ 1/2	-	120	-	Degrees	
Peak Emission Wavelength	λ <sub>p</sub>	-	587/568	-	nm	-
Dominant Wavelength	λ <sub>D</sub>	-	590/570	-		-
Spectral Line Half-width	Δλ	-	35/30	-		-
Forward Voltage	V <sub>F</sub>	1.7/1.7	2.1/2.1	2.6/2.6	V	IF = 20mA
Power Dissipation	P <sub>d</sub>	-	-	85	mW	-
Peak Forward Current (Duty 1/10 at 1kHz)	IF (Peak)	-	-	100	mA	-
Recommended Operating Current	IF (Rec)	-	20	-		-

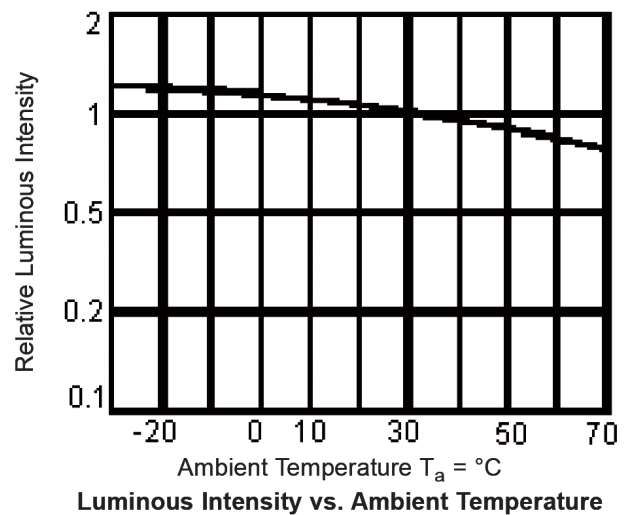
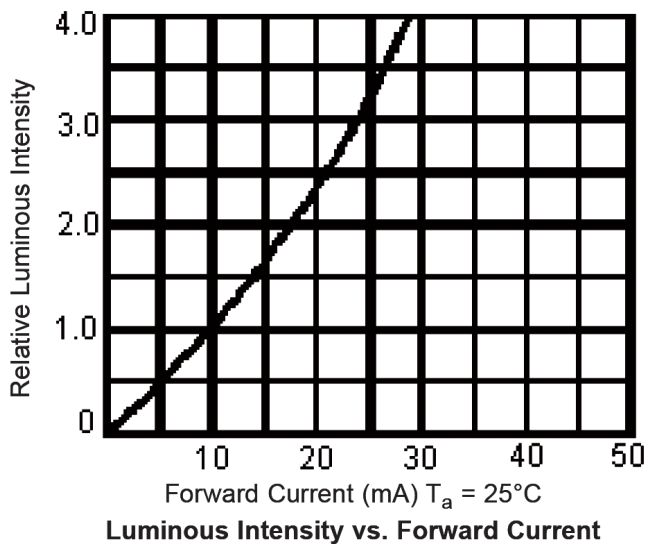
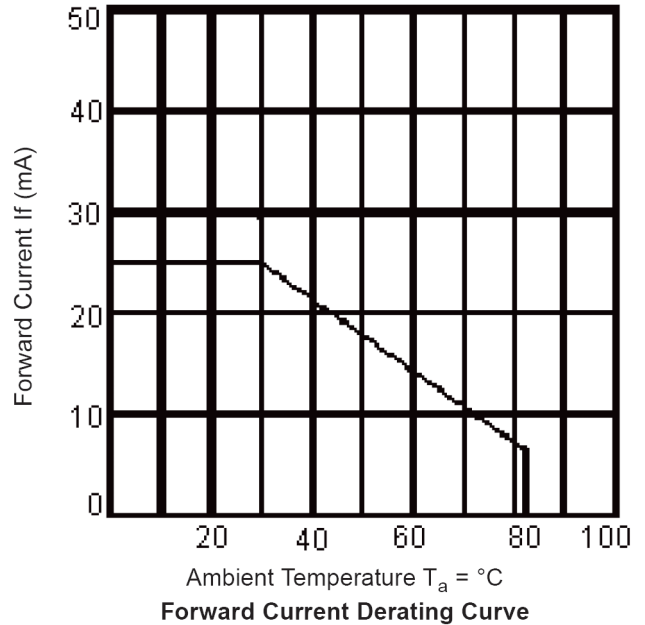
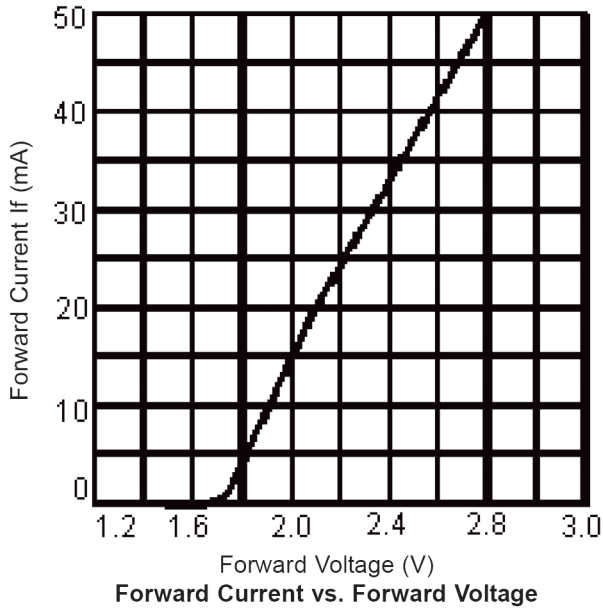
### Absolute Maximum Ratings T<sub>A</sub> = 25°C

Reverse Voltage	5V
Reverse Current	10μA (V <sub>R</sub> = 5V)
Operating Temperature Range	-40°C to +85°C
Storage Temperature Range	-40°C to +100°C
Lead Soldering Temperature Range [1.6mm (1/16 inch) from body]	260°C for 5 Seconds

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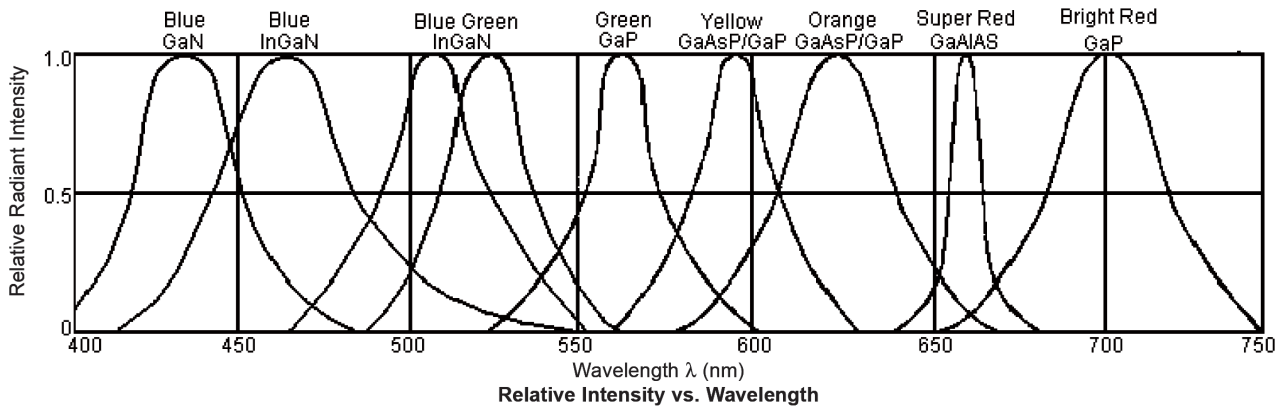


Yellow (GaAsP/GaP  $\lambda_P = 587\text{nm}$ )

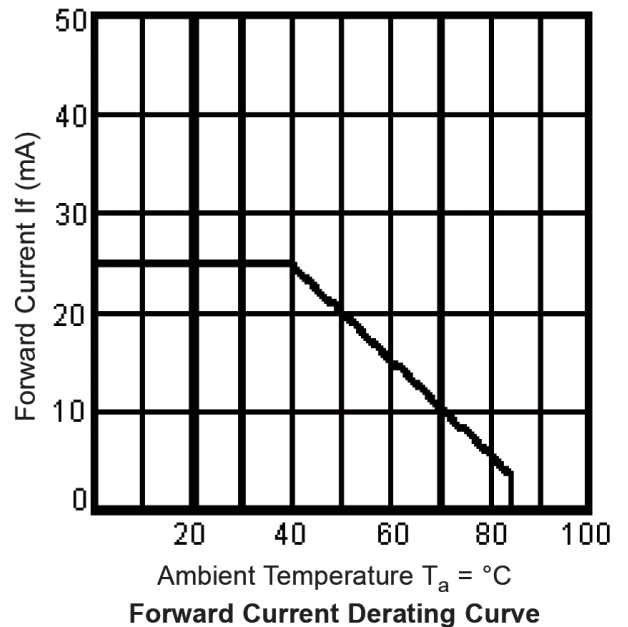
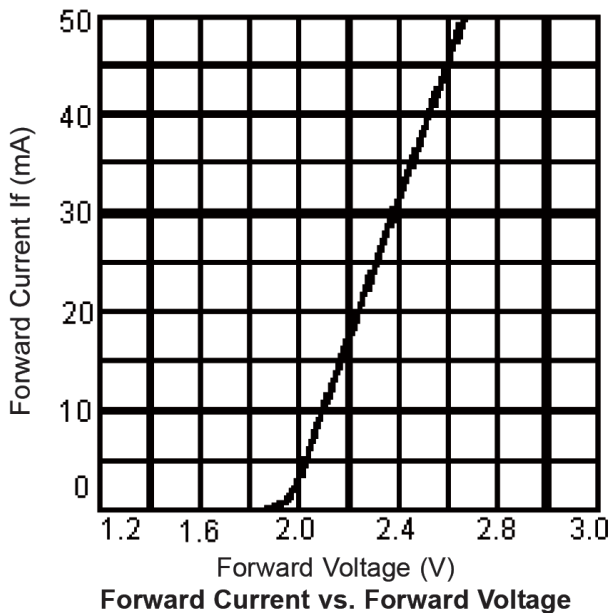


# Bi-Colour LED Lamp

## Yellow/Green



### Green (GaP $\lambda_P = 568\text{nm}$ )

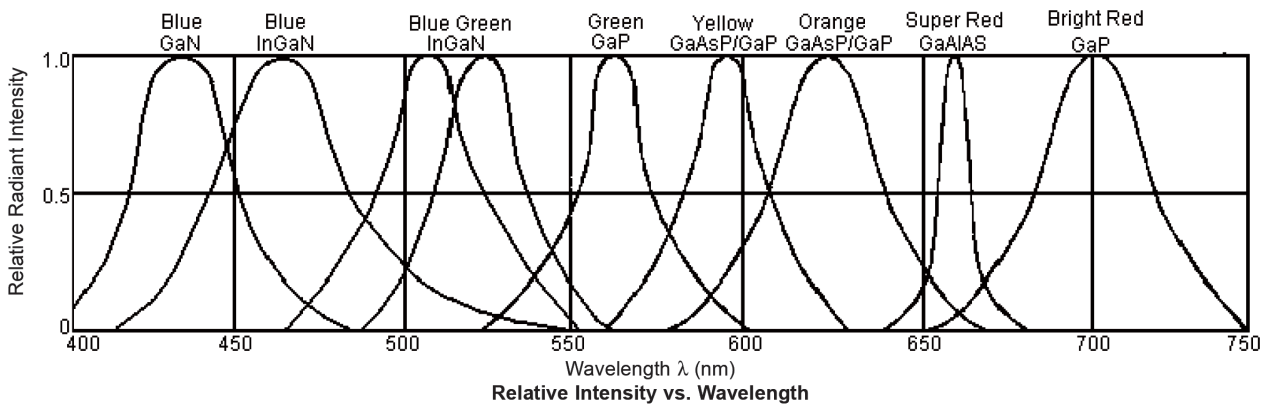
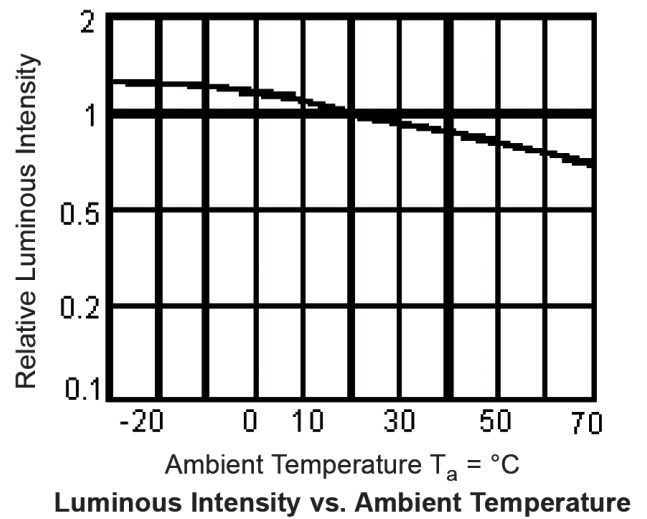
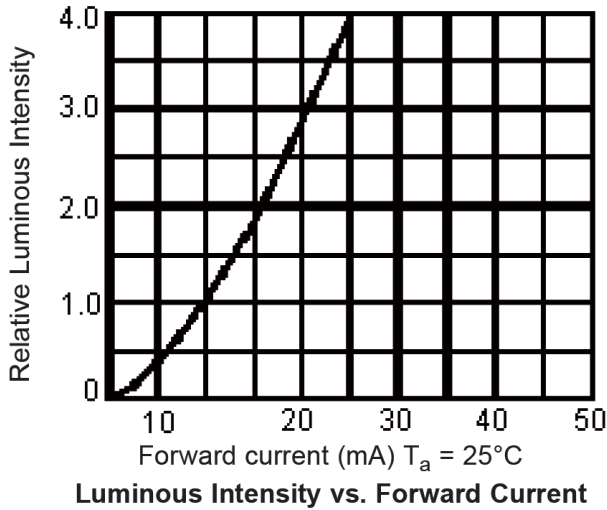


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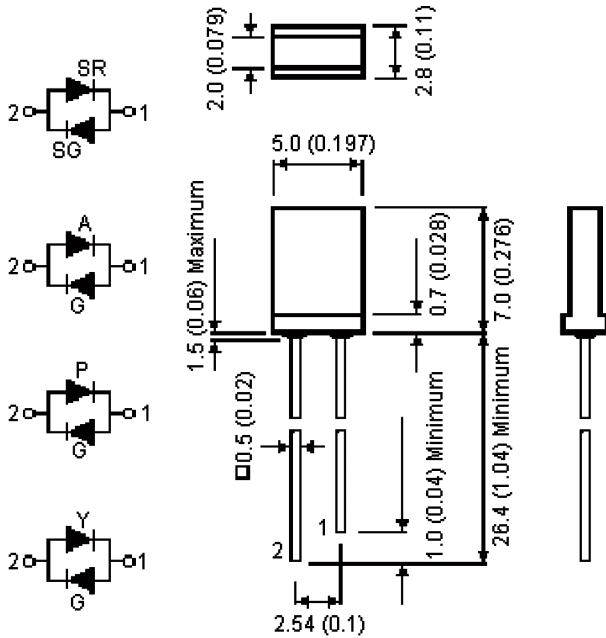


Green (GaP  $\lambda_P = 568\text{nm}$ )



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Dimensions : Millimetres (Inches)

### Part Number Table

Description	Part Number
LED, 2mm × 5mm × 7mm, AC, Yellow/Green	MCL236YGW

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