# LED Yellow, 5mm

# multicomp





#### **Specifications:**

Dice material	: AllnGa
Emitted colour	: Super
Lens colour	: Water
Peak wavelength	: 590nn
Viewing angle	: 16°
Luminous intensity (IV)	: 2,500

#### аP r Yellow Clear n

mcd

### 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	

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

Parameter	Symbol	Minimum	Typical	Maximum	Unit	Test
Luminous Intensity	IV	1,350	2,500	3,850	mcd	IF = 20mA
Viewing Angle	20 1/2	-	16	-	degrees	IF = 20MA
Peak Emission Wavelength	λP	-	590	-		-
Dominant Wavelength	λD	-	592	-	nm	-
Spectral Line Half-Width	Δλ	-	22	-	1	-
Forward Voltage	VF	1.7	2.1	2.6	V	IF = 20mA
Power Dissipation	Pd	-	-	85	-	-
Peak Forward Current (Duty 1/10 at 1KHz)	IF (Peak)	-	-	100	-	-
Recommended Operating Current	IF (Rec)	-	20	-	mA	-

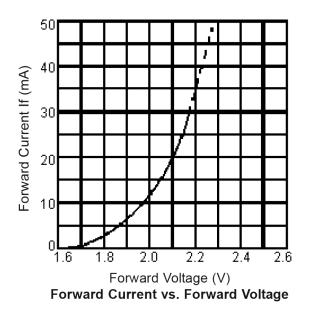
www.element14.com www.farnell.com www.newark.com

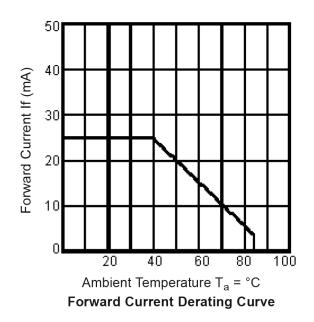


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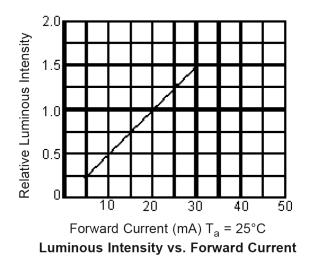


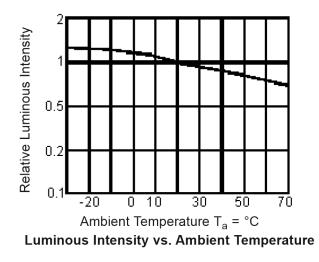
Super Yellow (AllnGaP  $\lambda$ P = 590nm)





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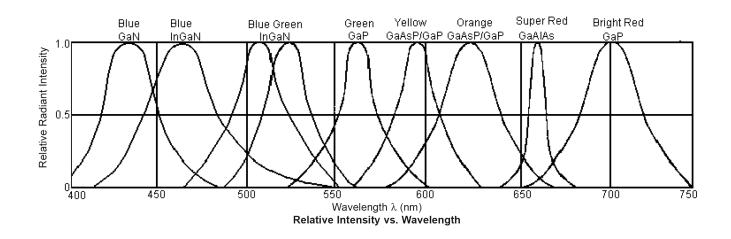


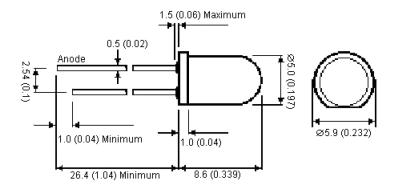
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Dimensions : Millimetres (Inches)

#### Part Number Table

Description	Part Number		
LED, 5mm, 16°, Yellow	MCL053SYC		

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