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5mm Yellow LED

Part #: RL5-Y3545 | UPC: 84778101215  
**In Stock**

**\$0.59 ea.**

Qty:

1

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**Specifications**

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Product Description

RL5-Y3545 5mm through hole Yellow LED. 590nm wavelength Yellow LED, 3,500mcd. with 45 degree viewing angle. See spectral graph for actual wavelength measurement.

General Specifications

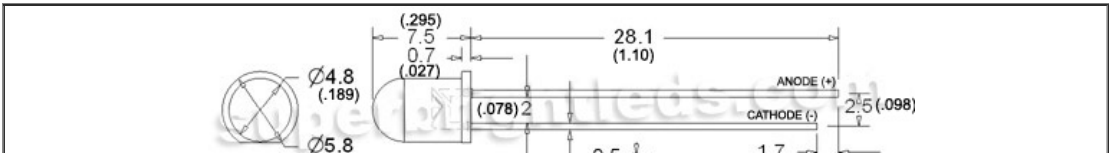
Color	Yellow	Continuous Forward Current	20
Forward Voltage	2.4V	LED Package	5 mm (T-1 3/4)
Lens Color	Clear	Lumen	2 Lumen
Maximum Forward Voltage	3V	Millicandela	3500mcd
Operating Temperature	-40~+85	Peak Forward Current	50mA
Power Dissipation	80mW	Reverse Current	10
Reverse Voltage	5V	Storage Temperature	-40~+85
Tube Diameter	T1-3/4	Viewing Angle	45 degree
Wattage Consumption	0.048 Watts	Wavelength	590 nm

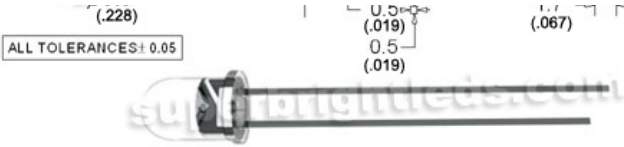
Part Number: RL5-Y3545 - Super-Yellow LED (AlGaInP), Chip Manufacturer: HP  
absolute maximum ratings: (TA=25°C)

PARAMETER	SYMBOL	RATING	UNIT
Power Dissipation	PD	80	mW
Continuous Forward Current	IF	20	mA
Peak Forward Current (1/10th duty cycle, 0.1ms pulse width)	IFM	50	mA
Reverse Voltage	VR	5.0	V
Operating Temperature	TA	-40~+85	°C
Storage Temperature	TSTG	-40~+85	°C
Reverse Current (VR=5V)	IR	10	µa
Lead Soldering Temperature (3mm from body) 260C (for 3 seconds)			

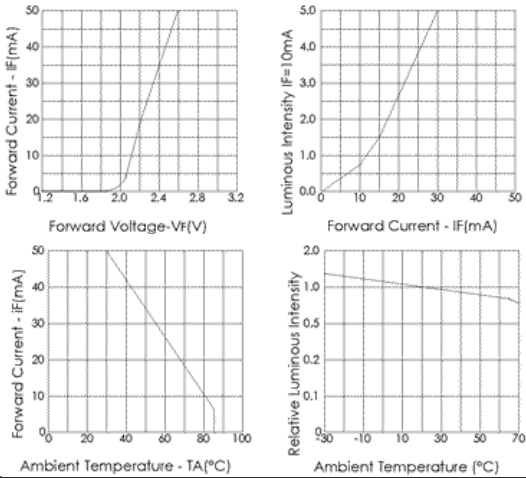
optoelectric characteristics:

PARAMETER	SYMBOL	MAX	TYP	UNIT	TEST
View Angle of Half Power	2θ1/2		45	Degree	
Forward Voltage	VF	3.0	2.4	V	IF=20mA
Peak Emission Wavelength	λ P		588	nm	
Luminous Intensity	IV		3500	mcd	IF=20mA

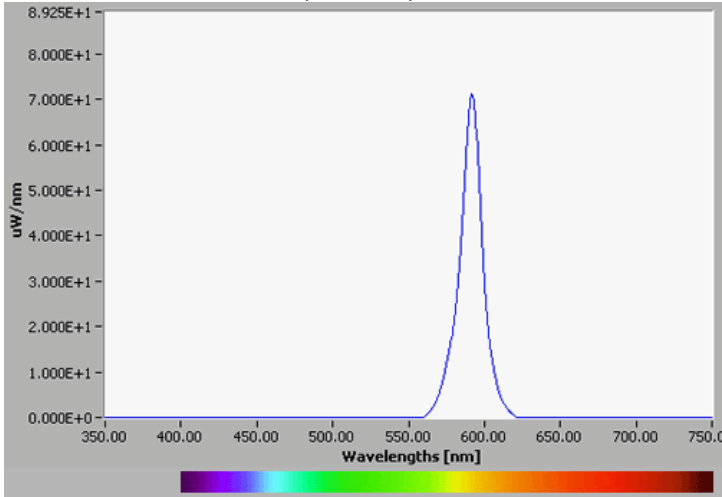





Dimensions in millimeters (inches)




Spectral Graph




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5mm Yellow LED (360 degree)