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Home > Component LEDs > Search results for: "rl5-v1015" > 5mm Violet LED



5mm Violet LED

Part #: RL5-V1015 | UPC: 84778101223

In Stock

\$1.39 ea.

Qty:

1

Quantity Discount Pricing

Ships today if ordered before 1:00 PM CST,
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Specifications

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Product Description

RL5-V1015 5mm through hole Violet LED. 460nm wavelength Violet LED, 1,000mcd. with 15 degree viewing angle. See spectral graph for actual wavelength measurement.

General Specifications

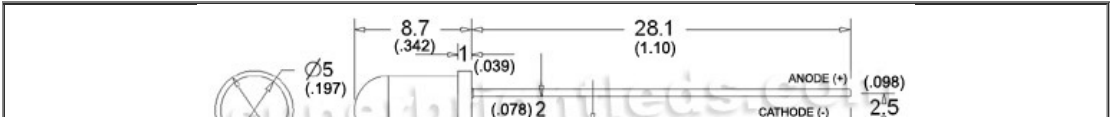
Color	Violet	Continuous Forward Current	20
Forward Voltage	3.6V	LED Package	5 mm (T-1 3/4)
Lens Color	Clear	Lumen	0.05 Lumen
Maximum Forward Voltage	4V	Millicandela	1000mcd
Operating Temperature	-35~+85	Peak Forward Current	100mA
Power Dissipation	120mW	Reverse Current	100
Reverse Voltage	5V	Storage Temperature	-40~+100
Tube Diameter	T1-3/4	Viewing Angle	15 degree
Wattage Consumption	0.072 Watts	Wavelength	460 nm

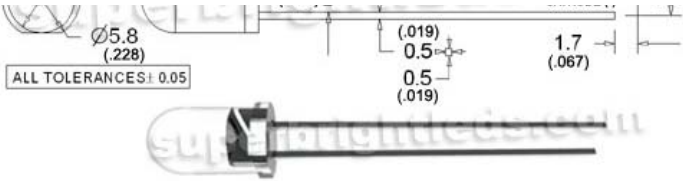
Part Number: RL5-V1015 - Violet LED
absolute maximum ratings: (TA=25°C)

PARAMETER	SYMBOL	RATING	UNIT
Power Dissipation	PD	120	mW
Continuous Forward Current	IF	20	mA
Peak Forward Current (1/10th duty cycle, 0.1ms pulse width)	IFM	100	mA
Reverse Voltage	VR	5.0	V
Operating Temperature	TA	-35~+85	°C
Storage Temperature	TSTG	-40~+100	°C
Reverse Current (VR=5V)	IR	100	µa
Lead Soldering Temperature (3mm from body) 260C (for 3 seconds)			

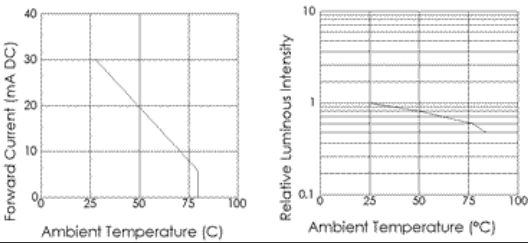
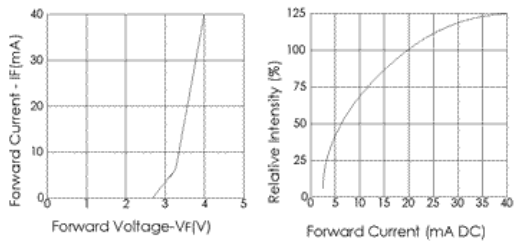
optoelectric characteristics:

PARAMETER	SYMBOL	MAX	TYP	UNIT	TEST
View Angle of Half Power	2ø1/2		15	Degree	
Forward Voltage	VF	4.0	3.6	V	IF=20mA
Dominant Emission Wavelength	λ d		460	nm	IF=20mA
Full Width at Half Max	FWHM			nm	IF=20mA
Luminous Intensity			1000	mcd	IF=20mA

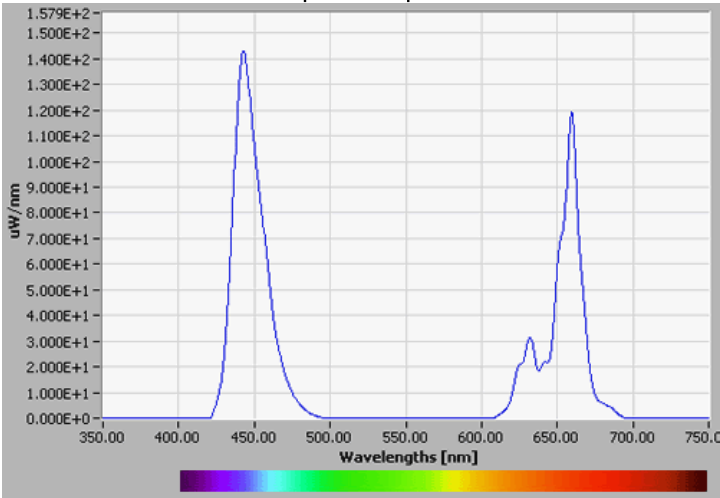





Dimensions in millimeters (inches)




Spectral Graph




Customers Also Purchased




5mm Orange LED




5mm Aqua LED



5mm Pink LED



5mm Blue LED



5mm Red LED

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\$0.79
5mm Blue LED (360 degree)



\$1.39
5mm Violet LED