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Component LEDs

Home > Component LEDs > Search results for: "rl5-o4030" > 5mm Orange LED



5mm Orange LED

Part #: RL5-O4030 | UPC: 84778101220

In Stock

\$0.27 ea.

Qty:

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Quantity Discount Pricing

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

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Product Description

RL5-O4030 5mm through hole Orange LED. 605nm wavelength Orange LED, 4,000mcd. with 30 degree viewing angle. See spectral graph for actual wavelength measurement.

General Specifications

Color	Orange	Continuous Forward Current	20
Forward Voltage	2.0V	LED Package	5 mm (T-1 3/4)
Lens Color	Clear	Lumen	0.8 Lumen
Maximum Forward Voltage	2.6V	Millicandela	4000mcd
Operating Temperature	-40~+85	Peak Forward Current	50mA
Power Dissipation	100mW	Reverse Current	10
Reverse Voltage	5V	Storage Temperature	-40~+85
Tube Diameter	T1-3/4	Viewing Angle	30 degree
Wattage Consumption	0.04 Watts	Wavelength	605 nm

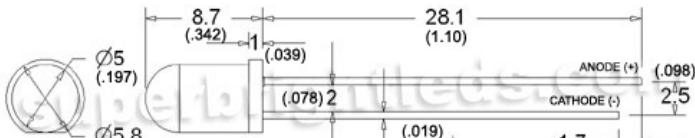
Part Number: RL5-O4030 - Super-Orange LED (AlGaInP), Chip Manufacturer: TEKCORE

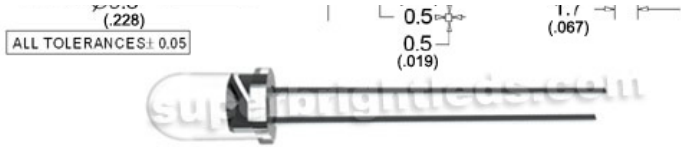
absolute maximum ratings: (TA=25°C)

PARAMETER	SYMBOL	RATING	UNIT
Power Dissipation	PD	100	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)			

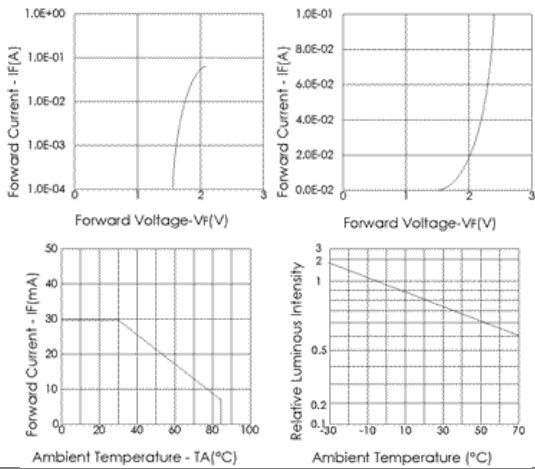
optoelectric characteristics:

PARAMETER	SYMBOL	MAX	TYP	UNIT	TEST
View Angle of Half Power	2θ1/2	30	30	Degree	
Forward Voltage	VF	2.6	2.0	V	IF=20mA
Peak Emission Wavelength	λ P	605	605	nm	
Luminous Intensity	IV	4000	4000	mcd	IF=20mA

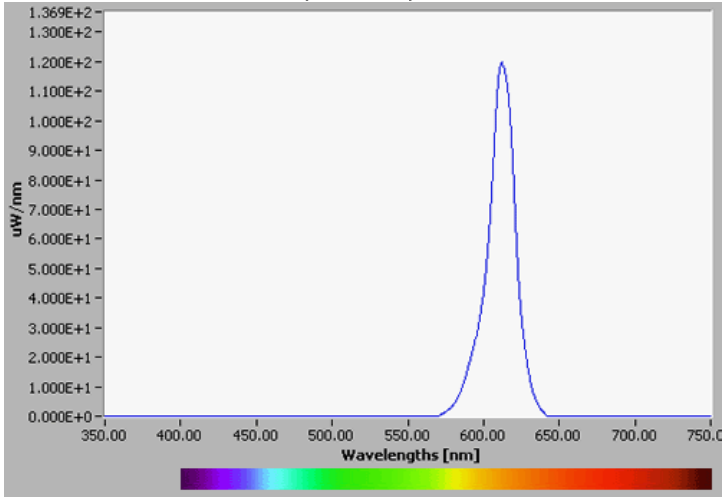




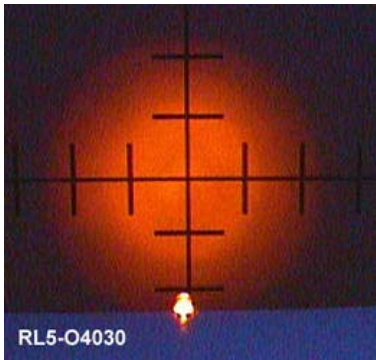
Dimensions in millimeters (inches)



Spectral Graph



Note: photo is to show beam pattern, digital camera and monitor cannot accurately reproduce the pure colors emitted from leds- see emission wavelength



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5mm Red LED



5mm Blue LED



5mm Aqua LED



5mm Violet LED



5mm Yellow LED

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