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5mm Warm White LED

Part #: RL5-WW7035 | UPC: 84778101191

In Stock

\$1.05 ea.

Qty:

1

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Specifications

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Product Description

RL5-WW7035 5mm through hole Warm White LED. 3,100K color temperature Warm White LED, 7,000mcd. with 35 degree viewing angle. See spectral graph for actual wavelength measurement.

General Specifications

Color	Warm White	Color Temperature	3100 K
Continuous Forward Current	30	Forward Voltage	3.2V
LED Package	5 mm (T-1 3/4)	Lens Color	Clear
Lumen	2 Lumen	Maximum Forward Voltage	3.4V
Millicandela	7000mcd	Operating Temperature	-20--+80
Peak Forward Current	100mA	Power Dissipation	120mW
Reverse Current	10	Reverse Voltage	5V
Storage Temperature	-30--+100	Tube Diameter	T1-3/4
Viewing Angle	35 degree	Wattage Consumption	0.096 Watts

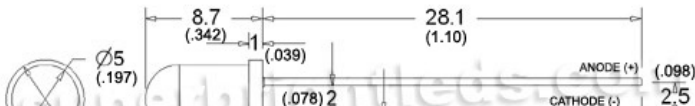
Part Number: RL5-WW7035 - Warm White LED (InGaN)

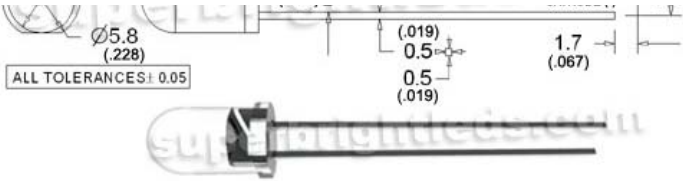
absolute maximum ratings: (TA=25°C)

PARAMETER	SYMBOL	RATING	UNIT
Power Dissipation	PD	120	mW
Continuous Forward Current	IF	30	mA
Peak Forward Current (1/10th duty cycle, 0.1ms pulse width)	IFM	100	mA
Reverse Voltage	VR	5	V
Operating Temperature	TA	-20--+80	°C
Storage Temperature	TSTG	-30--+100	°C
Reverse Current (VR=5V)	IR	10	µa
Lead Soldering Temperature (3mm from body) 260C (for 3 seconds)			

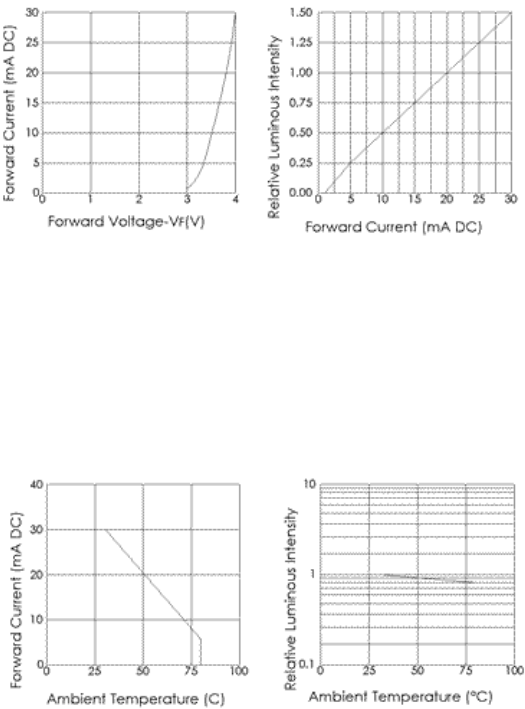
optoelectric characteristics:

PARAMETER	SYMBOL	MAX	TYP	UNIT	TEST
View Angle of Half Power	2θ1/2		35	Degree	
Forward Voltage	VF	3.4	3.2	V	IF=20mA
CIE 1931 Chromaticity Coordinates	ȳP		x=.446;y=.417		IF=20mA
Correlated Color Temperature	K		2940	Kelvin	IF=20mA
Luminous Intensity	IV		7000	mcd	IF=20mA

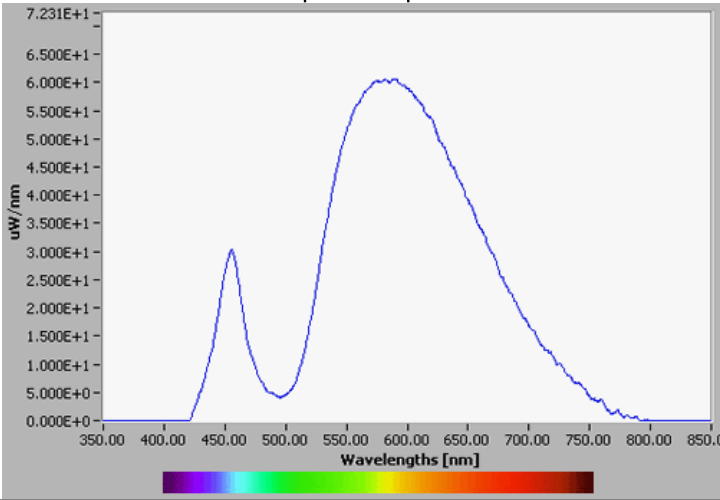





Dimensions in millimeters (inches)



Spectral Graph



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5mm Warm White LED



5mm Orange LED



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5mm White LED




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