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5mm White LED

Part #: RL5-W4575 | UPC: 84778101180

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Product Description

RL5-W4575 5mm through hole Cool White LED. 5,450K color temperature Cool White LED, 4,500mcd. with 75 degree viewing angle. See spectral graph for actual wavelength measurement.

General Specifications

Color	Cool White	Color Temperature	5450 K
Continuous Forward Current	20	Forward Voltage	3.5V
LED Package	5 mm (T-1 3/4)	Lens Color	Clear
Lumen	6 Lumen	Maximum Forward Voltage	4V
Millicandela	4500mcd	Operating Temperature	-20~+45
Peak Forward Current	80mA	Power Dissipation	100mW
Reverse Current	10	Reverse Voltage	5V
Storage Temperature	-40~+65	Tube Diameter	T1-3/4
Viewing Angle	75 degree	Wattage Consumption	0.07 Watts

Part Number: RL5-W4575 - Super-White LED (InGaN on GaN)

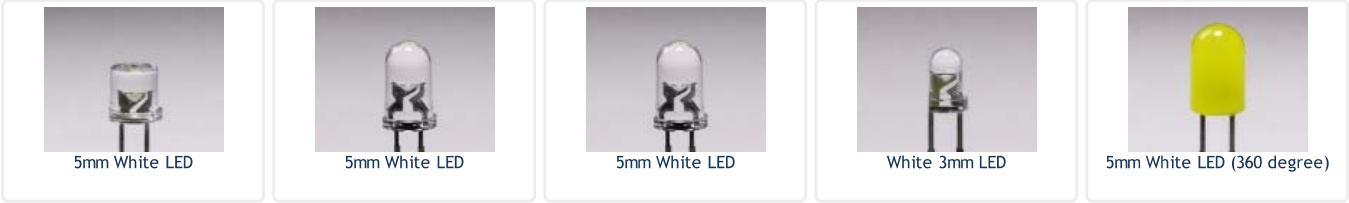
absolute maximum ratings: (TA=25°C)

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	80	mA
Reverse Voltage	VR	5	V
Operating Temperature	TA	-20~+45	°C
Storage Temperature	TSTG	-40~+65	°C
Reverse Current (VR=5V)	IR	10	µa
Lead Soldering Temperature (3mm from body) 260C (for 3 seconds)			

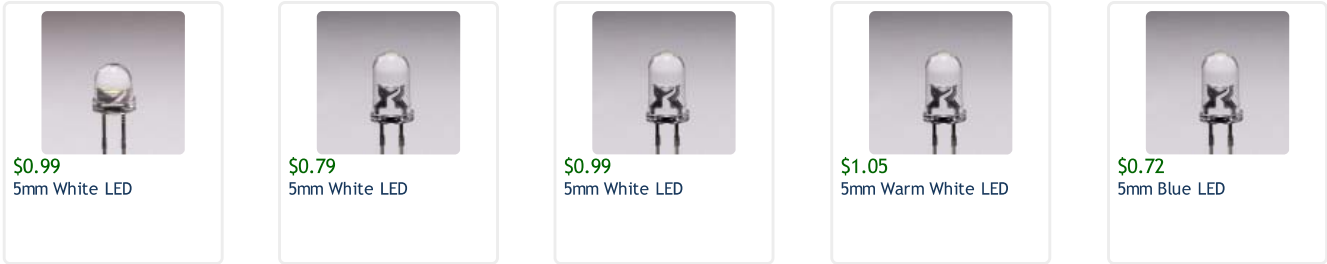
optoelectric characteristics:

PARAMETER	SYMBOL	MAX	TYP	UNIT	TEST
View Angle of Half Power	2ø1/2		75	Degree	
Forward Voltage	VF	4.0	3.5	V	IF=20mA
CIE 1931 Chromaticity Coordinates	ÿP		x=.29;y=.29	nm	IF=20mA
Luminous Intensity	IV		4500	mc d	IF=20mA

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