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5mm Green LED

Part #: RL5-G8045 | UPC: 84778101198
In Stock

\$0.99 ea.

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Specifications

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Product Description

RL5-G8045 5mm through hole Green LED. 525nm wavelength Green LED, 8,000mcd. with 45 degree viewing angle. See spectral graph for actual wavelength measurement.

General Specifications

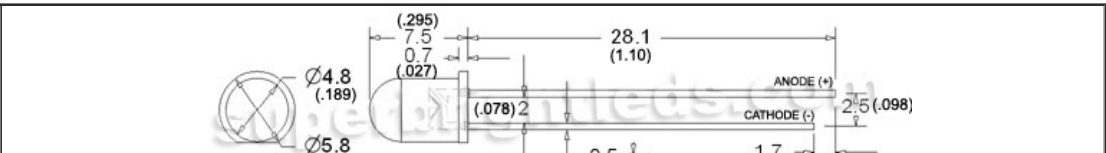
Color	Green	Continuous Forward Current	30
Forward Voltage	3.5V	LED Package	5 mm (T-1 3/4)
Lens Color	Clear	Lumen	4 Lumen
Maximum Forward Voltage	4V	Millicandela	8000mcd
Operating Temperature	-20~+85	Peak Forward Current	100mA
Power Dissipation	80mW	Reverse Current	10
Reverse Voltage	5V	Storage Temperature	-30~+85
Tube Diameter	T1-3/4	Viewing Angle	45 degree
Wattage Consumption	0.105 Watts	Wavelength	525 nm

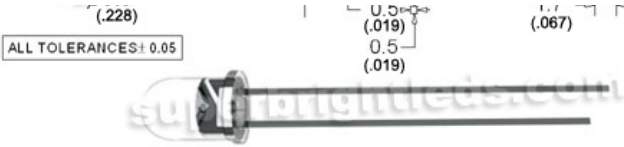
Part Number: RL5-G8045 - Super-Green LED (GaInN/GaN), Chip Manufacturer: TEKCORE
absolute maximum ratings: (TA=25°C)

PARAMETER	SYMBOL	RATING	UNIT
Power Dissipation	PD	80	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~+85	°C
Storage Temperature	TSTG	-30~+85	°C
Reverse Current (VR=5V)	IR	10	µa
Lead Soldering Temperature (3mm from body) 260C (for 3 seconds)			

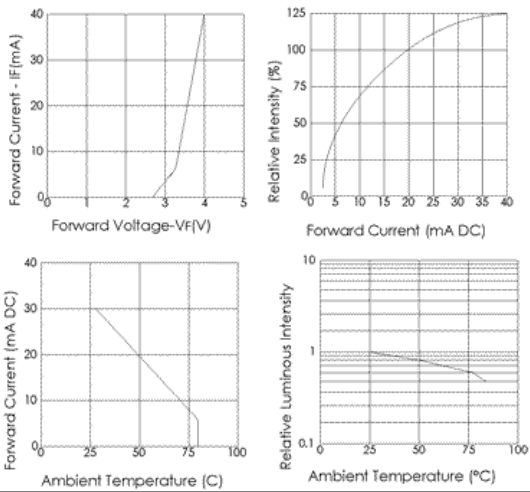
optoelectric characteristics:

PARAMETER	SYMBOL	MAX	TYP	UNIT	TEST
View Angle of Half Power	2θ1/2		45	Degree	
Forward Voltage	VF	4.0	3.5	V	IF=20mA
Peak Emission Wavelength	λ P		525	nm	
Luminous Intensity	IV		8000	mcd	IF=20mA

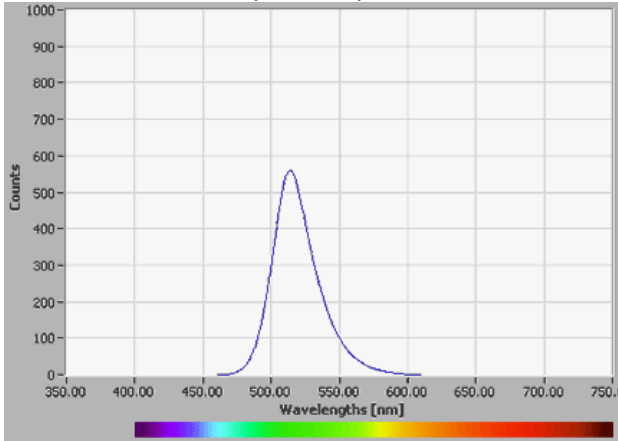





Dimensions in millimeters (inches)



Spectral Graph



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5mm Red LED



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