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### 5mm Aqua LED

Part #: RL5-A7032 | UPC: 84778101203

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**\$0.54 ea.**

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#### Specifications

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##### Product Description

RL5-A7032 5mm through hole Aqua LED. 507nm wavelength Aqua LED, 7,000mcd. with 32 degree viewing angle. See spectral graph for actual wavelength measurement.

##### General Specifications

Color	Cyan (Aqua)	Continuous Forward Current	20
Forward Voltage	3.6V	LED Package	5 mm (T-1 3/4)
Lens Color	Clear	Lumen	2 Lumen
Maximum Forward Voltage	4V	Millicandela	7000mcd
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	32 degree
Wattage Consumption	0.072 Watts	Wavelength	507 nm

Part Number: RL5-A7032 - Super-Aqua LED (GaInN/GaN), Chip Manufacturer: TEKCORE  
Appears as light shade of Green (507nm) The name Aqua differentiates from Green

absolute maximum ratings: (TA=25°C)

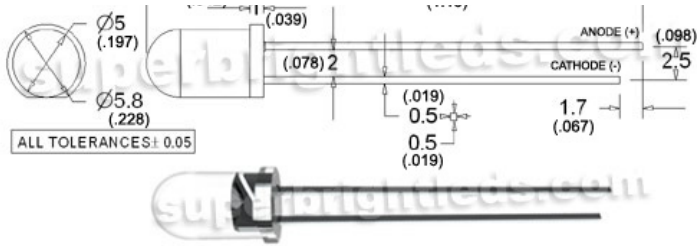
PARAMETER	SYMBOL	RATING	UNIT
Power Dissipation	PD	100	mW
Continuous Forward Current	IF	20	mA
Peak Forward Current (1/10th duty cycle, 0.1ms pulse width)	IFM	50	mA
Reverse Voltage	VR	5.0	V
Operating Temperature	TA	-40~+85	°C
Storage Temperature	TSTG	-40~+85	°C
Reverse Current (VR=5V)	IR	10	µa

Lead Soldering Temperature (3mm from body) 260C (for 3 seconds)

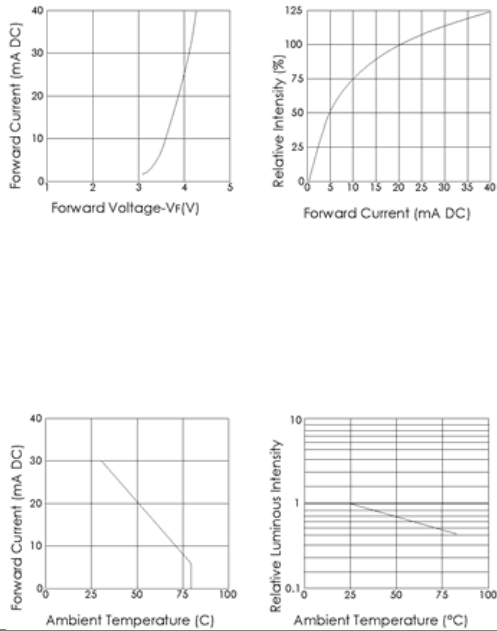
##### optoelectric characteristics:

PARAMETER	SYMBOL	MAX	TYP	UNIT	TEST
View Angle of Half Power	2θ1/2		32	Degree	
Forward Voltage	VF	4.0	3.6	V	IF=20mA
Dominant Emission Wavelength	λ D		507	nm	IF=20mA
Full Width at Half Max	FWHM		29.86	nm	
Luminous Intensity	IV		7000	mcd	IF=20mA
Absolute Irradiance			5.4563E+3	uW	IF=20mA

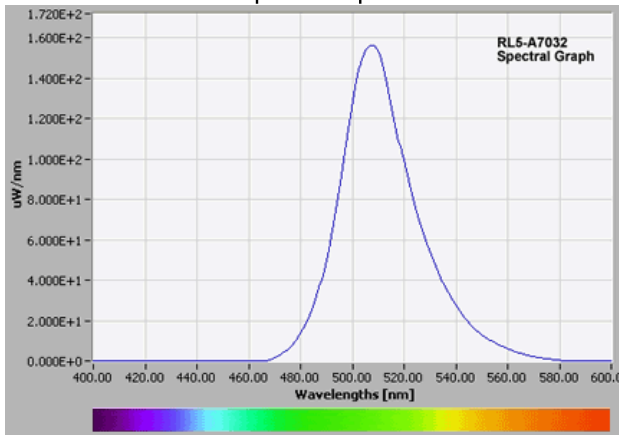




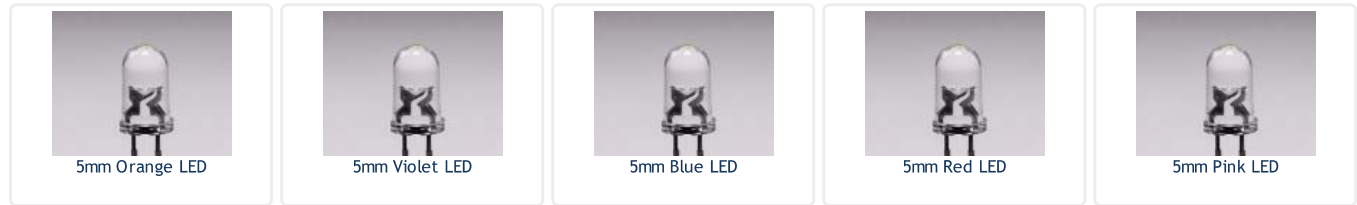
Dimensions in millimeters (inches)



Spectral Graph



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