

# Green LED - T1 (5mm)



RoHS  
Compliant



## Features

- Standard 5mm round package
- High luminous output
- Water clear lens

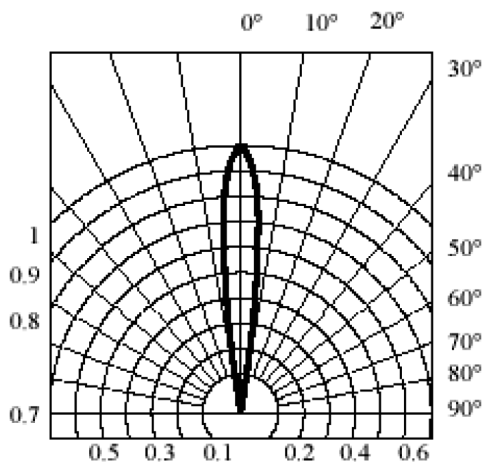
## Maximum Ratings at $T_A = 25^\circ\text{C}$

Reverse Voltage (<math><100\mu\text{A}</math>)	: 5V
D.C. Forward Current	: 30mA
Pulse Current (Pulse Width of 0.1ms, 1/10 Duty Cycle)	: 100mA
Operating Temperature Range	: $-25^\circ\text{C}$ to $+85^\circ\text{C}$
Storage Temperature Range	: $-40^\circ\text{C}$ to $100^\circ\text{C}$
Soldering Temperature Dip Soldering	: $260^\circ\text{C}$ for 5s
Soldering Temperature Hand Soldering	: $350^\circ\text{C}$ for 3s

## Electrical and Optical Characteristics at $T_A = 25^\circ\text{C}$

LED Chip			Lens Colours	Dominant Wavelength (nm) at 20mA	Luminous Intensity (mcd) at 20mA		Forward Voltage (V) at 20mA		Viewing Angle $2\theta^{1/2}$ ( $^\circ$ )
Material	Emitted Colours	Brightness			Minimum	Typical	Typical	Maximum	
InGaN / Sapphire	True Green	Mega	Water Clear	520	19,500	45,000	3.2	4	15

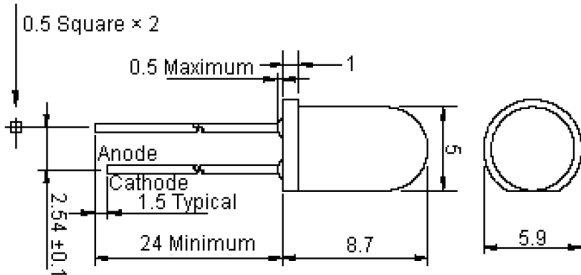
## Radiation Diagrams



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## Diagram



Dimensions : Millimetres

## Part Number Table

Description	Part Number
Green LED – T1 (5mm)	MC703-1061

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