



## LED 5mm Round Ultra Bright - WHITE

### Feature

- \* Popular T-1 3/4 diameter package
- \* High efficiency
- \* General purpose leads
- \* Reliable and robust
- \* Pb free
- \* The product itself remain within RoHS complaint Version

### Absolute Maximum Ratings

Parameter	Symbol	MAX	Unit
Power Dissipation	PD	100	mW
Peak Forward Current (1/10 Duty Cycle, 0.1 ms Pulse Width)	IFP	100	mA
Continuous Forward Current	IF	25	mA
Reverse Voltage	VR	5	V
Operating Temperature Range	Topr	-40°C to +85°C	
Storage Temperature Range	Tstg	-40°C to +100°C	
Lead Soldering Temperature [4mm(.157") From Body]	Tsld	260°C for 5 Seconds	

### Electrical Optical Characteristics at Ta=25°C

Parameter	Symbol	Typ.	Unit	Test Condition
Viewing Angle*	$2\theta_{1/2}$	20	Deg	(Note 2)
Forward Voltage	$V_F$	3.5	V	IF=20mA
Reverse Current	$I_R$	---	$\mu A$	$V_R=5V$
Chromaticity Coordinates	X	0.31		IF=20mA
	Y	0.32		
Luminous Intensity (Note 1)* 4DC	IV	15800	mcd	IF=20mA

### Notes:

1. Luminous Intensity Measurement allowance is  $\pm 10\%$
2.  $\theta_{1/2}$  is the off-axis angle at which the luminous intensity is half the axial luminous intensity