

5mm Round LED (T-1 3/4)

Features

- Popular T-1 3/4 diameter package
- Choice of various viewing angles
- Reliable and robust
- RoHS compliance



T-1 3/4

Descriptions

- The series is specially designed for applications requiring higher brightness.
- The LED lamps are available with different colors, intensities.

Applications

- TV set
- Monitor
- Telephone
- Computer

Device Selection Guide

Part No.	Chip		Lens Color
	Material	Emitted Color	
TLH-D1R5-3332A6	AllnGaP	Super Deep Red	Water Clear

5mm Round LED

TLH-D1R5-3332A6

Absolute Maximum Ratings (Ta=25°C)

Parameter	Symbol	Value	Unit
Reverse Voltage	VR	5	V
Continuous Forward Current	IF	25	mA
Power Dissipation	Pd	60	mW
Electrostatic Discharge	ESD	2000	V
Soldering Temperature (Note.1)	Tsol	260 ± 5	°C
Operating Temperature	Topr	-40 ~ +85	°C
Storage Temperature	Tstg	-40 ~ +100	°C

Note 1:

Soldering time ≤ 5 seconds

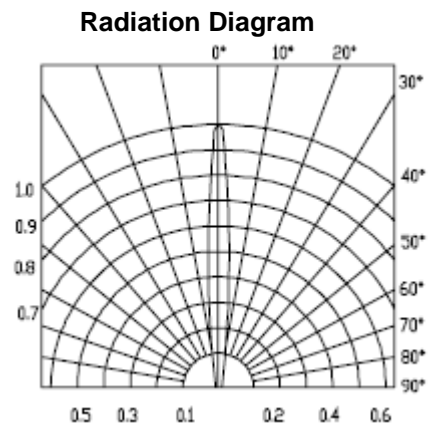
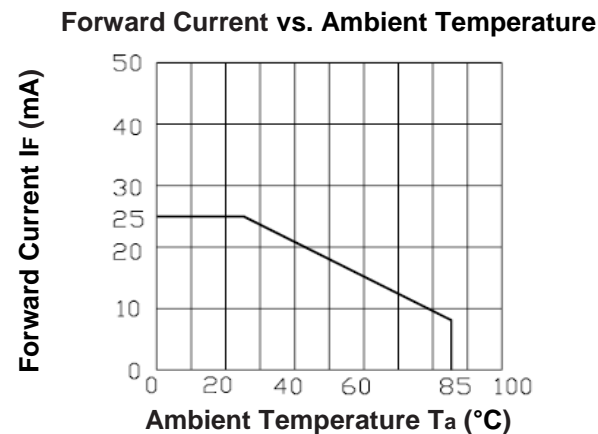
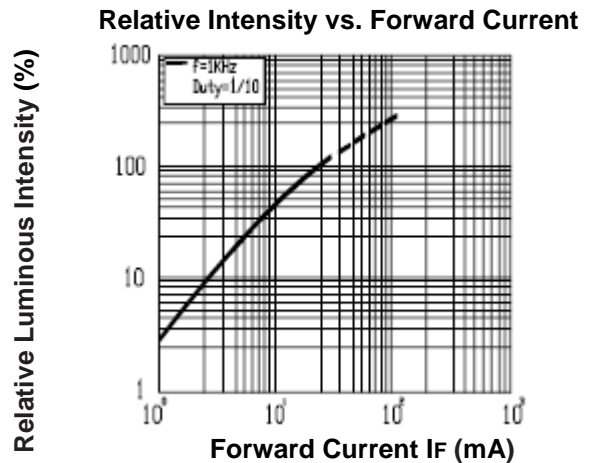
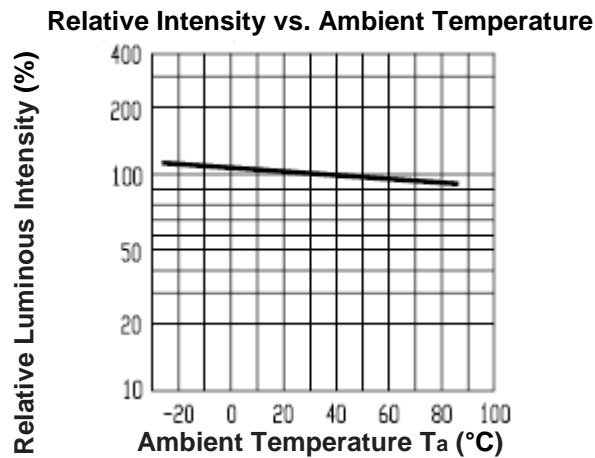
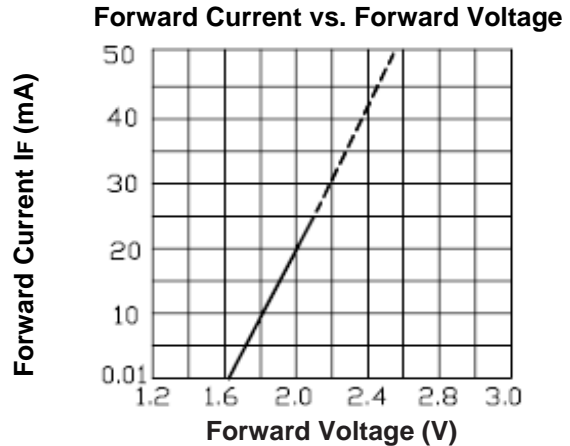
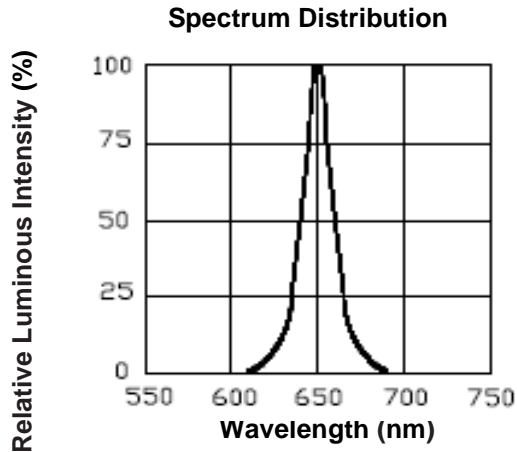
Electro-Optical Characteristics (Ta=25°C)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Condition
Luminous Intensity	Iv	800	1600	-----	mcd	IF =20mA
Viewing Angle	2θ1/2	-----	10	-----	deg	
Peak wavelength	λp	-----	650	-----	nm	
Dominant wavelength	λd	-----	639	-----	nm	
Spectrum Radiation Bandwidth	Δλ	-----	20	-----	nm	
Forward Voltage	VF	1.7	2.0	2.4	V	
Reverse Current	IR	-----	-----	10	μA	VR=5V

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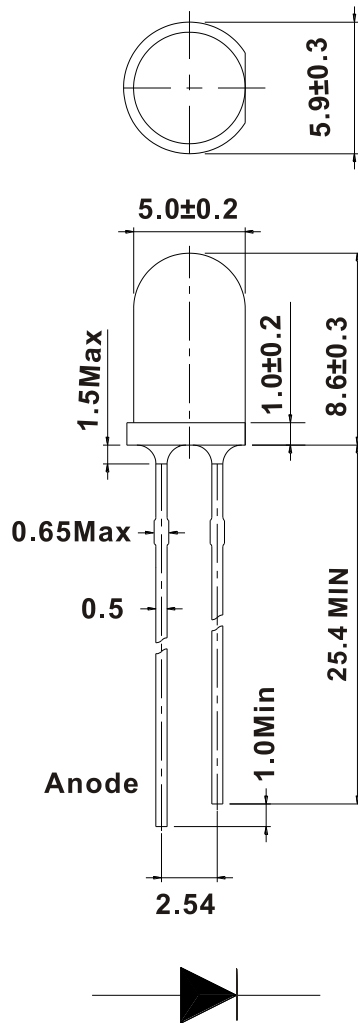
Typical Electro-Optical Characteristics Curves (Ta=25°C)



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Package Dimensions (In mm)



Note:

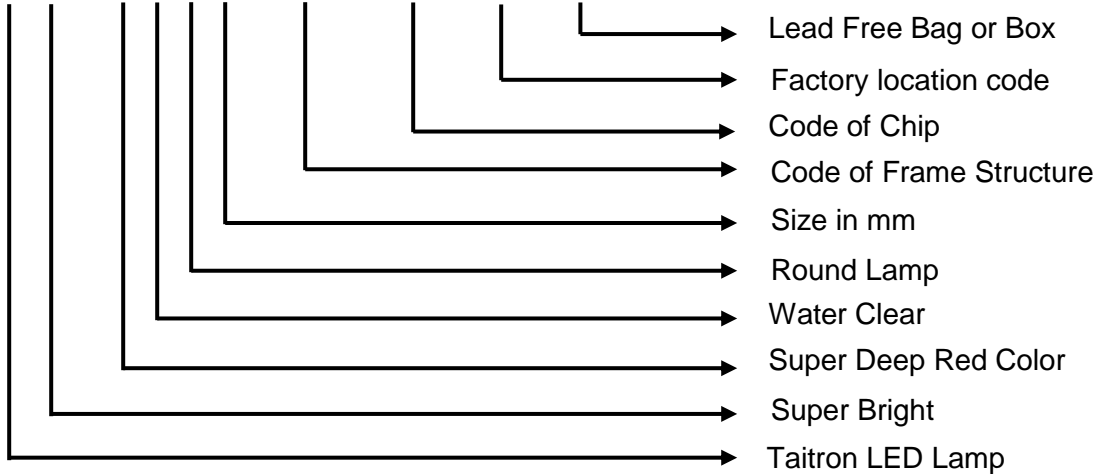
1. All dimensions are in millimeters, and tolerance is 0.25mm without special declared.
2. An epoxy meniscus may extend about 1.5mm down the lead.

Packing Quantity Specification

1. 500 Pcs/1 Bag, 5 Bags/1 Box
2. 10 Boxes/1 Carton

Ordering Information

TL H - D 1 R 5 - 3332 - A6 - 92 - BL



Label Explanation

- CAT: Luminous Intensity Rank
- HUE: Dom. Wavelength Rank
- REF: Forward Voltage Rank



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