

3mm Round Small Flange without stand-off LED (T-1)

Features

- Popular T-1 diameter package
- High luminous power
- Available on tape and reel



T-1

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	
TLN-C1R3-1254	GaN/SiC	Purplish Blue	Water Clear

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TLN-C1R3-1254

Absolute Maximum Ratings (Ta=25°C)

Parameter	Symbol	Value	Unit
Reverse Voltage	VR	5	V
Continuous Forward Current	IF	30	mA
Peak Forward Current (Duty 1/10@1KHZ)	IFP	70	mA
Power Dissipation	Pd	140	mW
Electrostatic Discharge	ESD	1000	V
Operating Temperature	Topr	-40 ~ +85	°C
Storage Temperature	Tstg	-40 ~ +100	°C
Soldering Temperature (Note.1)	Tsol	260 ±5	°C

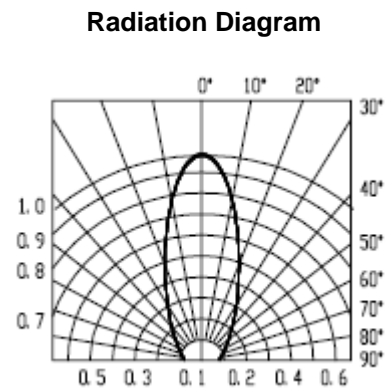
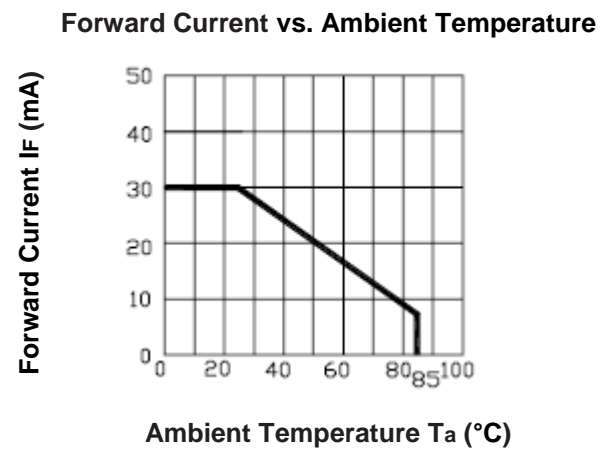
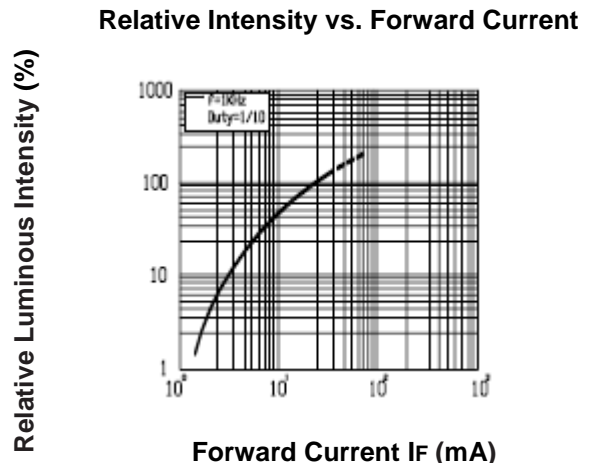
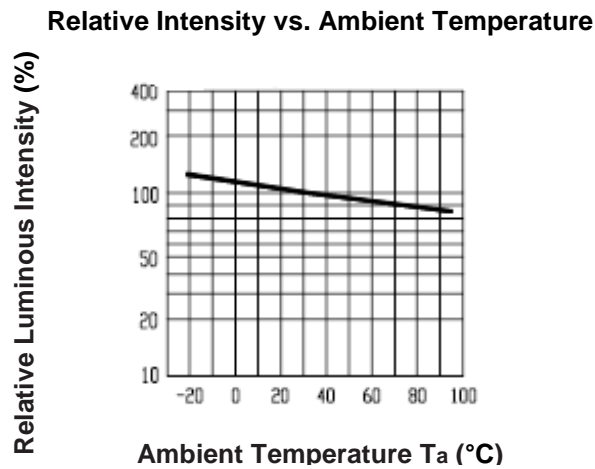
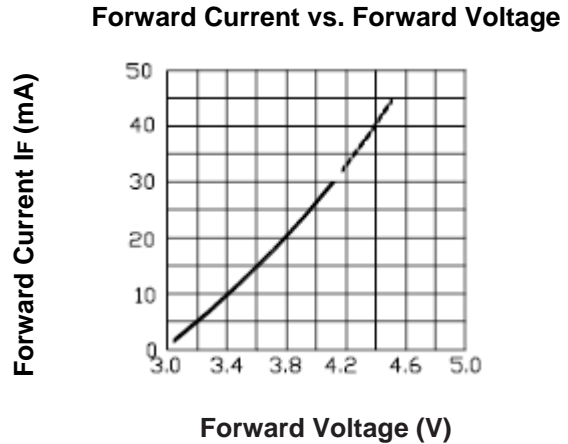
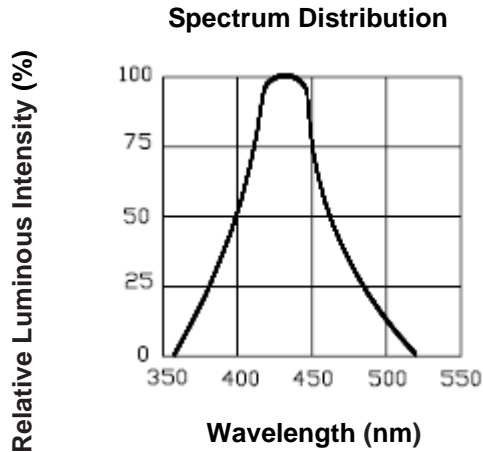
Note 1:

Soldering time ≤ 5 seconds

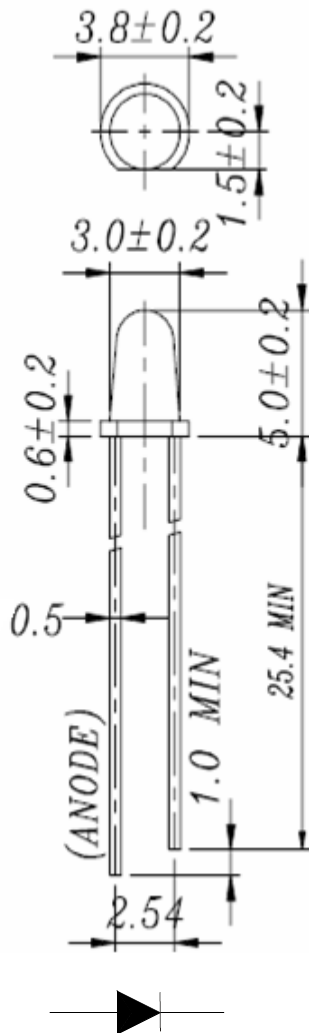
Electro-Optical Characteristics (Ta=25°C)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Condition
Luminous Intensity	Iv	250	400	-----	mcd	IF =20mA
Viewing Angle	2θ1/2	-----	40	-----	deg	
Peak wavelength	λp	-----	428	-----	nm	
Dominant wavelength	λd	-----	466	-----	nm	
Spectrum Radiation Bandwidth	Δλ	-----	65	-----	nm	
Forward Voltage	VF	3.0	3.8	4.5	V	
Reverse Current	IR	-----	-----	50	μA	VR=5V

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



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

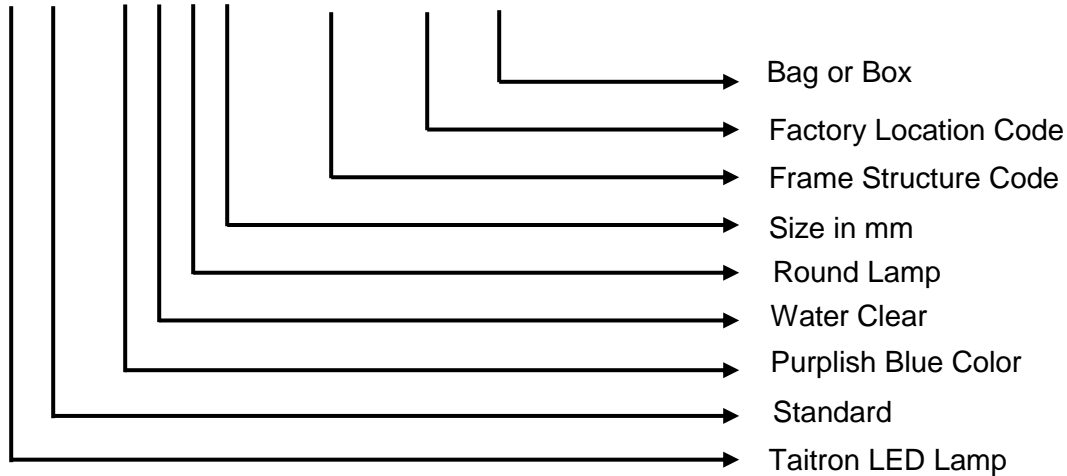
1. 1000 Pcs/1 Bag

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TLN-C1R3-1254

Ordering Information

TL N - C 1 R 3 - 1254 - 92 - B



How to contact us

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