

Preliminary

TLRH62T(F),TLOH62T(F),TLYH62T(F)

- This material is technological examination material to aim at the product introduction. The change in the content of the characteristic might be accompanied at the final specification process. The final specification will be able to be gotten in the brokerage department when the product is designed and to get the confirmation.



For part availability and ordering information please call Toll Free: 800.984.5337
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TLRH62T(F), TLOH62T(F), TLYH62T(F)

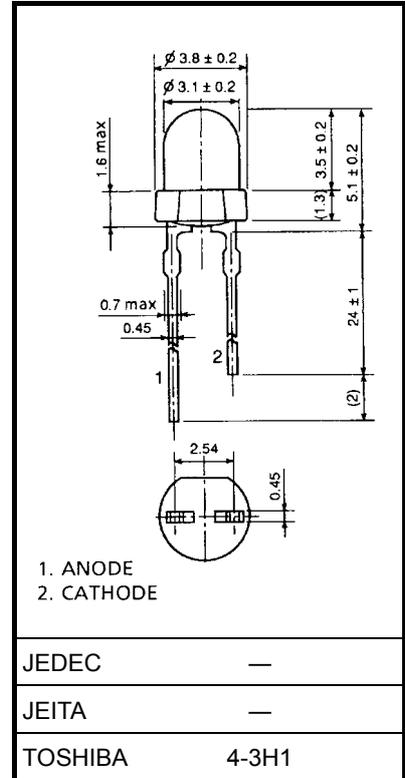
Panel Circuit Indicators

- Lead(Pb)-free products (lead: Sn-Ag-Cu)
- 3 mm package
- InGaAlP technology
- All plastic mold type
- Transparent lens
- Line-up: 3 colors (red, orange, yellow)
- High intensity light emission
- Excellent low current light output

Lineup

Product Name	Color	Material
TLRH62T(F)	Red	InGaAlP
TLOH62T(F)	Orange	
TLYH62T(F)	Yellow	

Unit: mm



Weight: 0.14 g

Maximum Ratings (Ta = 25°C)

Product Name	Forward Current IF (mA)	Reverse Voltage VR (V)	Power Dissipation PD (mW)	Operating Temperature Topr (°C)	Storage Temperature Tstg (°C)
TLRH62T(F)	50	4	120	-40~100	-40~120
TLOH62T(F)	50	4	120		
TLYH62T(F)	50	4	120		

Electrical and Optical Characteristics (Ta = 25°C)

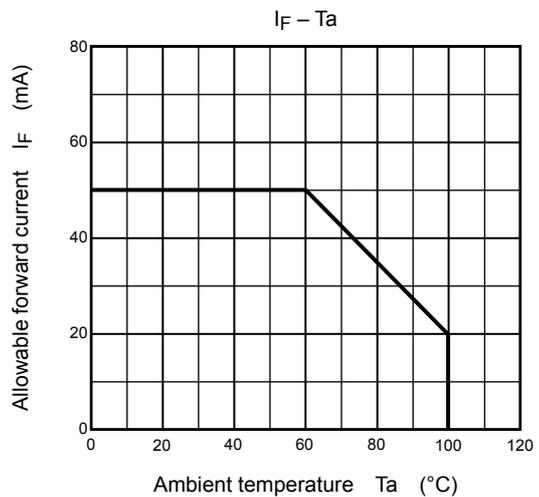
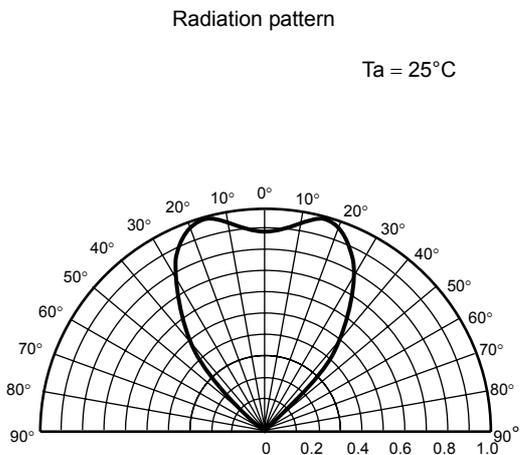
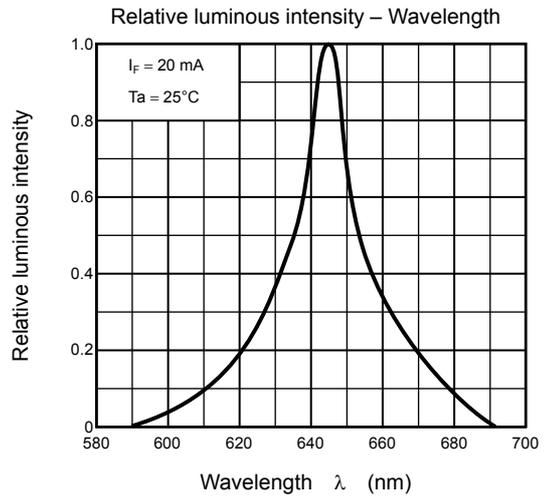
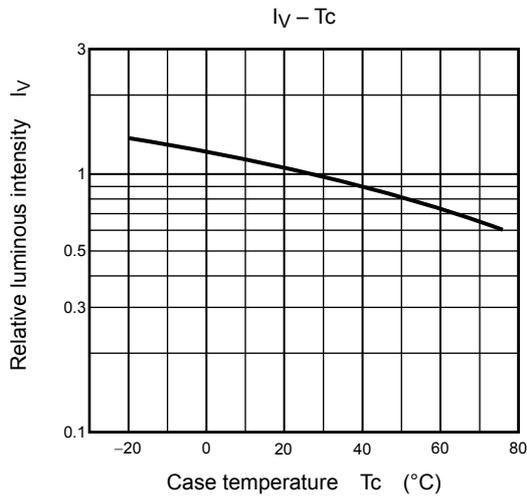
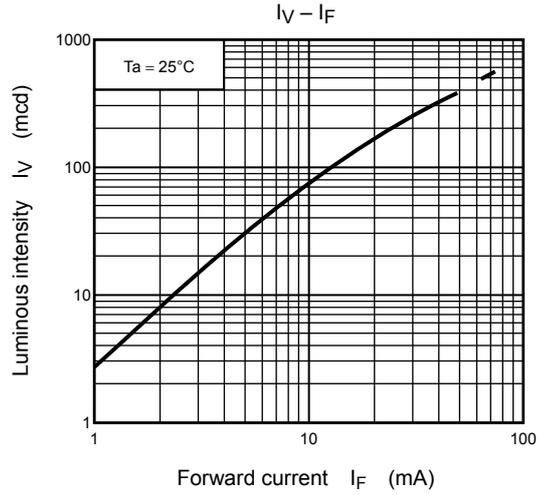
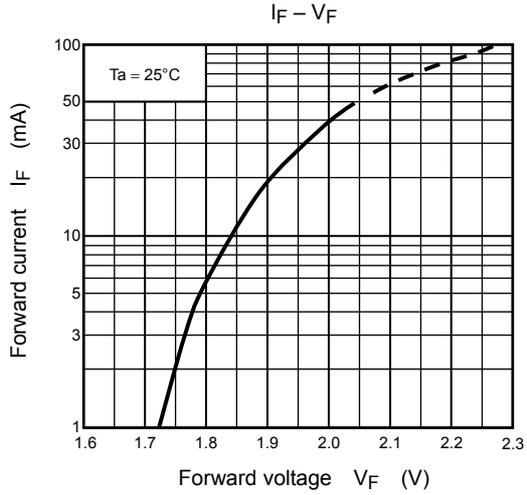
Product Name	Typ. Emission Wavelength				Luminous Intensity IV			Forward Voltage VF			Reverse Current IR	
	λd	λp	Δλ	IF	Min	Typ.	IF	Typ.	Max	IF	Max	VR
TLRH62T(F)	630	(644)	13	20	47.6	180	20	1.9	2.4	20	50	4
TLOH62T(F)	605	(612)	13	20	153	550	20	2.0	2.4	20	50	4
TLYH62T(F)	587	(590)	13	20	153	400	20	2.0	2.4	20	50	4
Unit	nm			mA	mcd		mA	V		mA	μA	V

Precautions

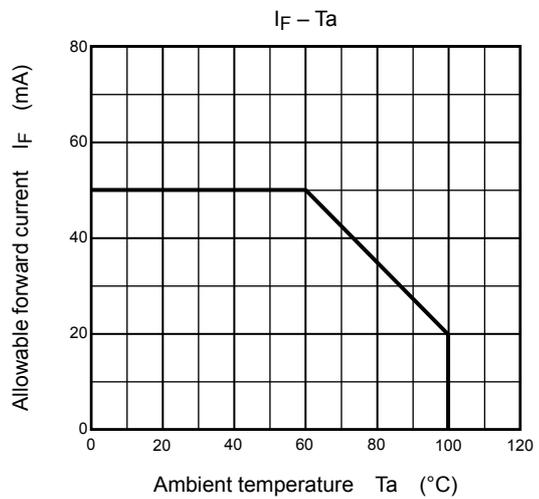
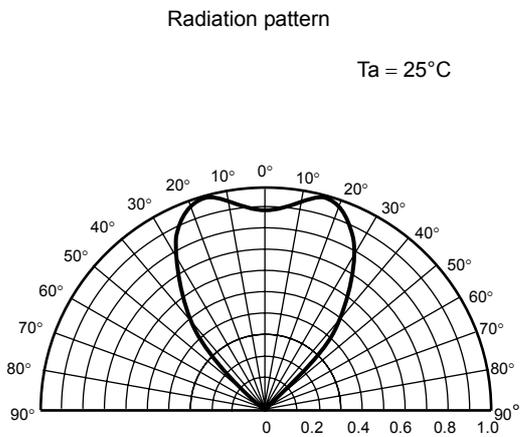
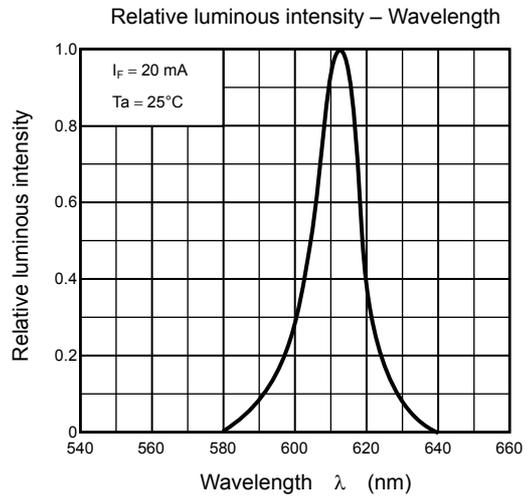
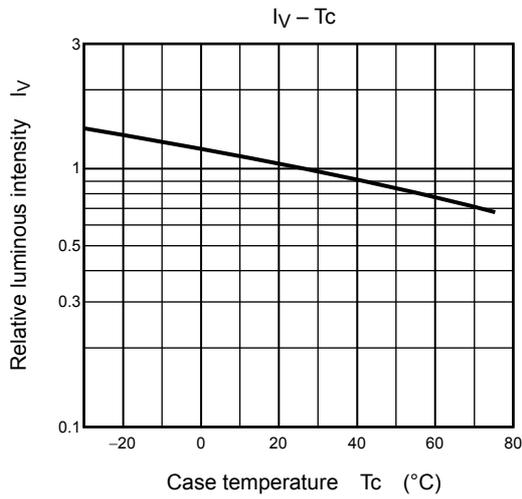
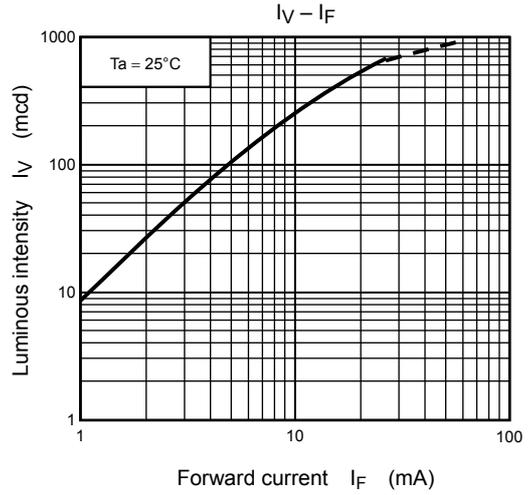
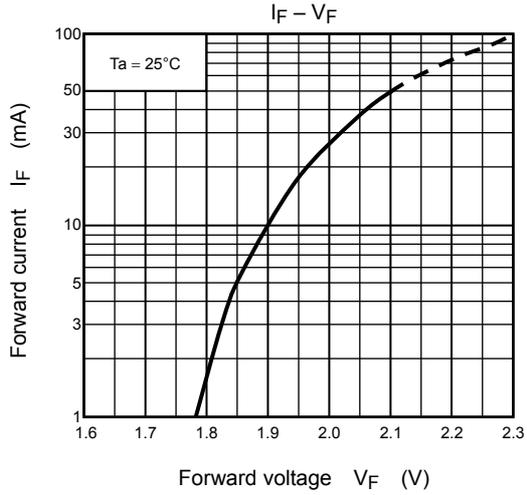
Please be careful of the following:

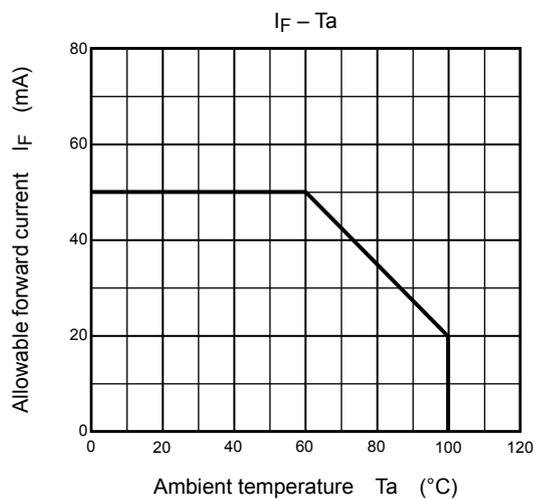
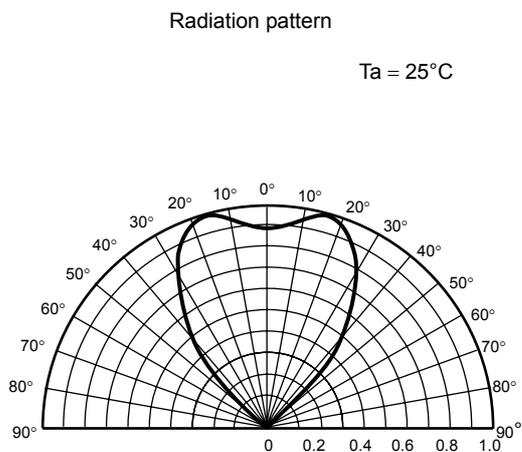
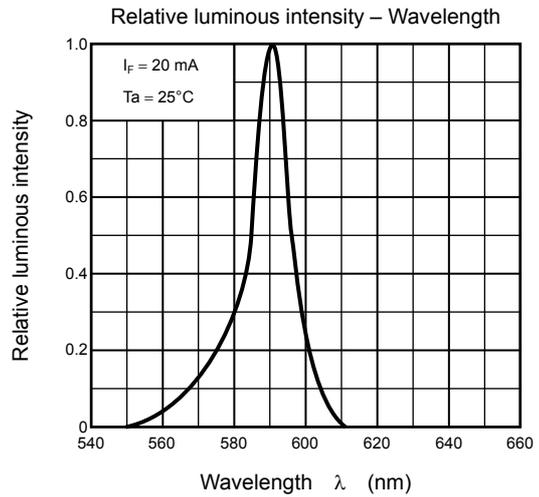
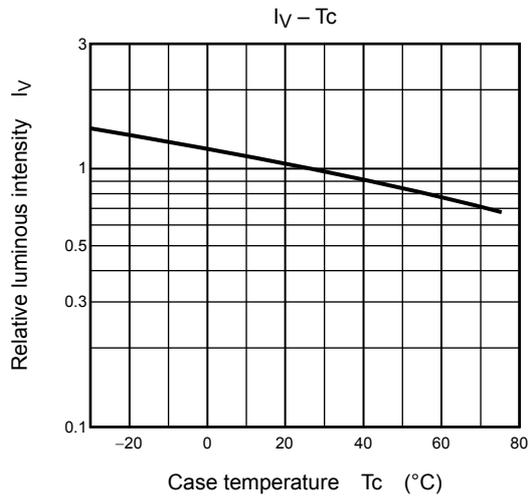
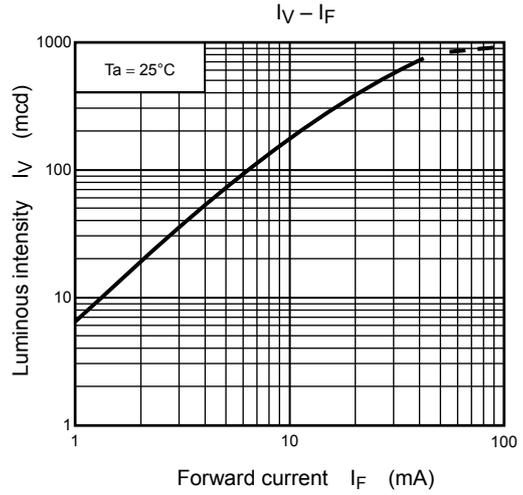
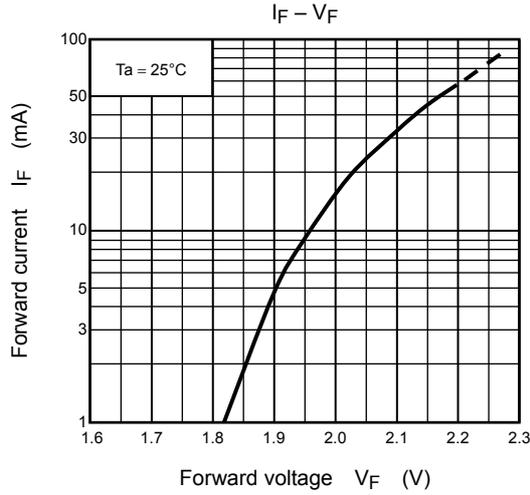
- Soldering temperature: 260°C max, soldering time: 3 s max (Soldering portion of lead: up to 1.6 mm from the body of the device)
- If the lead is formed, the lead should be formed up to 1.6 mm from the body of the device without forming stress to the resin. Soldering should be performed after lead forming.
- This visible LED lamp also emits some IR light. If a photodetector is located near the LED lamp, please ensure that it will not be affected by this IR light.

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