

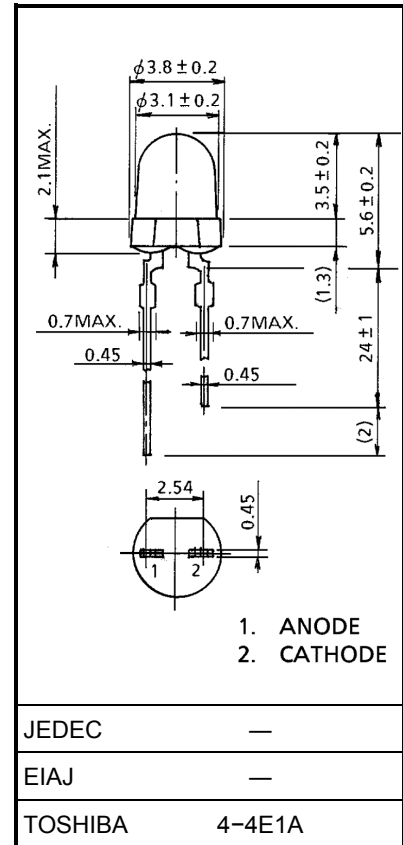
TOSHIBA LED Lamp InGaAlP Red Light Emission

TLSU125, TLSU126

Panel Circuit Indicator

- InGaAlP red LED
- All plastic mold type
- TLSU125: Colorless clear lens
TLSU126: Milky lusterless lens
- Suitable for high-brightness and low power consumption.
- All plastic molded lens, provides an excellent on-off contrast ratio.
- Applications: Backlight, light for decoration, switches, various indicator, personal equipment

Unit in mm



Weight: 0.14 g

Maximum Ratings (Ta = 25°C)

Product	Forward Current I _F (mA)	Reverse Voltage V _R (V)	Power Dissipation P _D (mW)	Operating Temperature T _{opr} (°C)	Storage Temperature T _{stg} (°C)
TLSU125	30	4	72	-30~85	-40~120
TLSU126	30	4	72	-30~85	-40~120

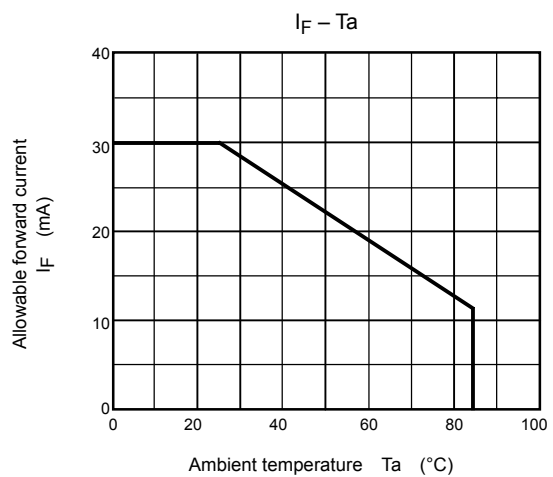
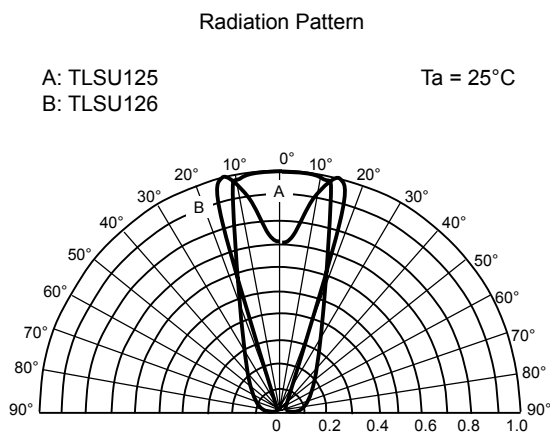
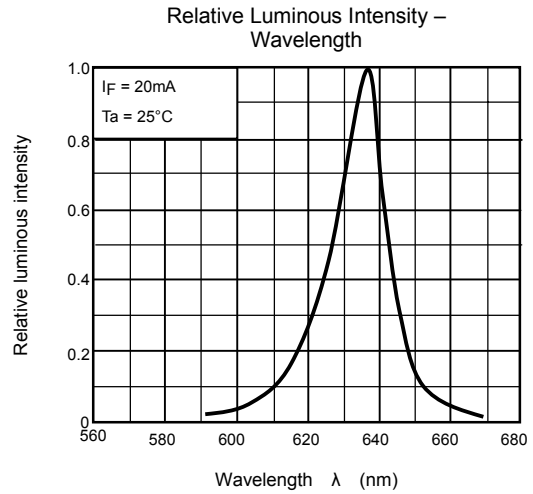
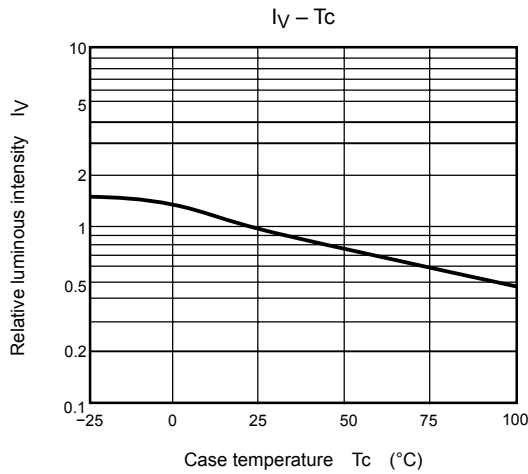
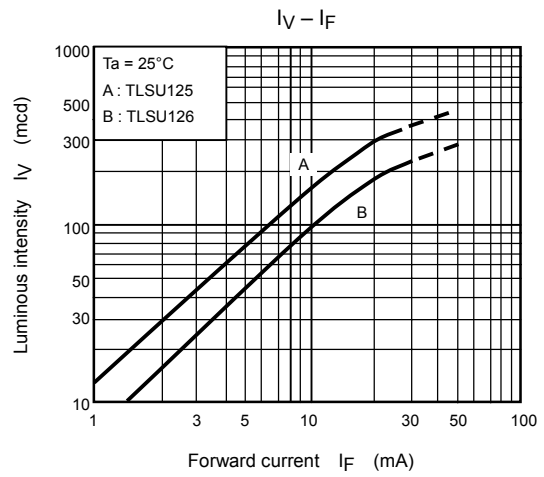
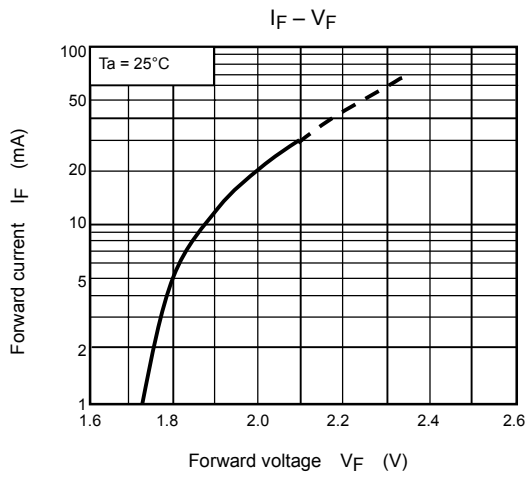
Electrical And Optical Characteristics (Ta = 25°C)

Product	Typ. Emission Wavelength			Luminous Intensity I_V			Forward Voltage V_F			Reverse Current I_R	
	λ_p	$\Delta\lambda$	I_F	Min	Typ.	I_F	Typ.	Max	I_F	Max	V_R
TLSU125	636	17	20	153	300	20	2.0	2.4	20	50	4
TLSU126	636	17	20	85	180	20	2.0	2.4	20	50	4
Unit	nm		mA	mcd		mA	V		mA	μ A	V

Precaution

Please be careful of the followings

- Soldering temperature: 260°C max Soldering time: 3 s max
(Soldering portion of lead: Up to 2 mm from the body of the device)
- If the lead is formed, the lead should be formed up to 5 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.



RESTRICTIONS ON PRODUCT USE

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