

TENTATIVE

TOSHIBA InGaAlP LED

# TLOU262, TLSU262, TLYU262

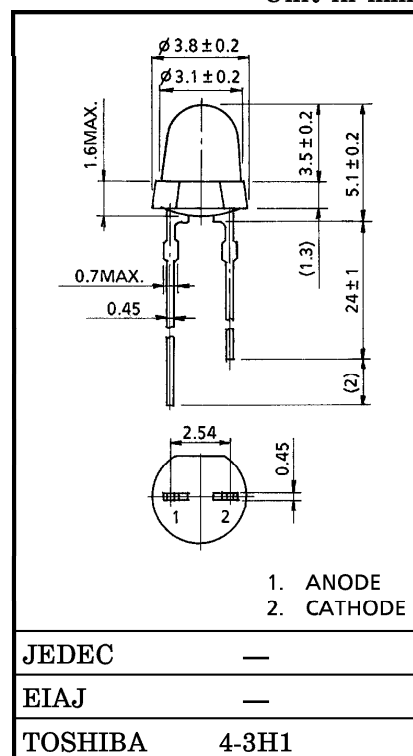
PANEL CIRCUIT INDICATOR

Unit in mm

- InGaAlP LED
- All Plastic Mold Type
- Colorless Clear Lens
- Lineup : 3 Colors (Red, Orange, Yellow)
- Suitable for High-Brightness and Less Electricity Consumption.
- All Plastic Molded Lens, Provides an Excellent ON-OFF Contrast Ratio.
- Applications : Backlight, Light for Decoration, Switches, Various Indicator, Personal Equipment

## LINEUP

PRODUCT	COLOR	MATERIAL
TLOU262	ORANGE	InGaAlP
TLSU262	RED	InGaAlP
TLYU262	YELLOW	InGaAlP



Weight : 0.14 g

## MAXIMUM RATINGS (Ta = 25°C)

PRODUCT	FORWARD CURRENT I <sub>F</sub> (mA)	REVERSE VOLTAGE V <sub>R</sub> (V)	POWER DISSIPATION P <sub>D</sub> (mW)	OPERATING TEMPERATURE T <sub>opr</sub> (°C)	STORAGE TEMPERATURE T <sub>stg</sub> (°C)
TLOU262	30	4	72	-30~85	-40~120
TLSU262	30	4	72	-30~85	-40~120
TLYU262	30	4	75	-30~85	-40~120

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## ELECTRICAL AND OPTICAL CHARACTERISTICS (Ta = 25°C)

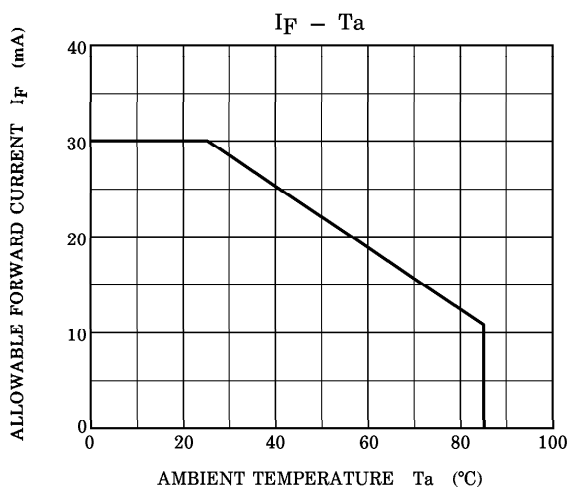
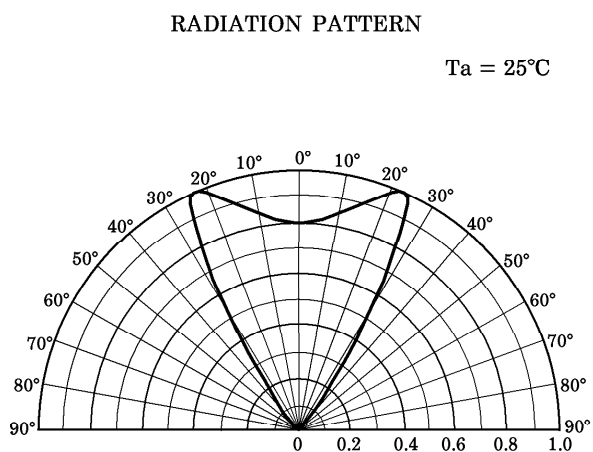
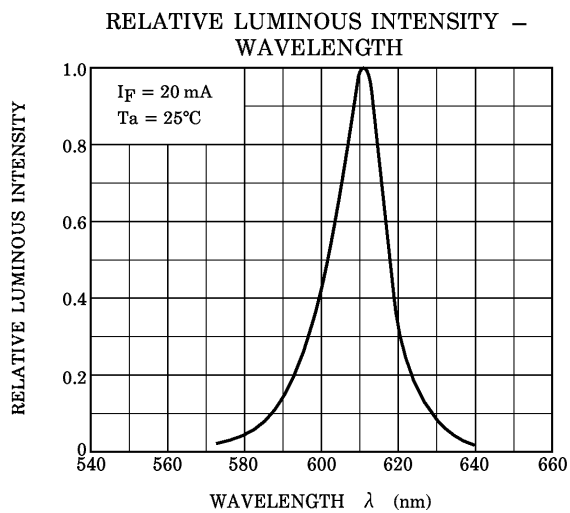
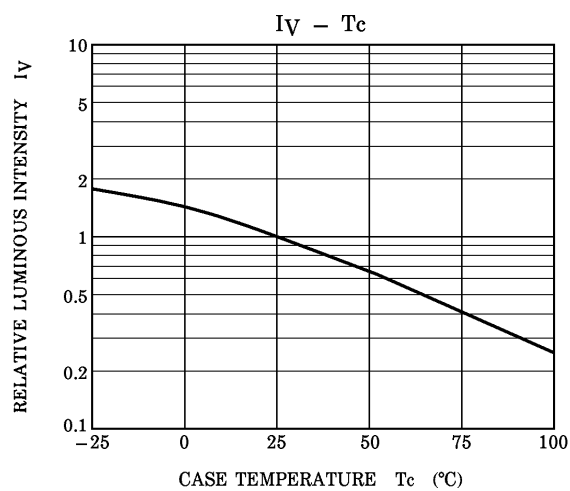
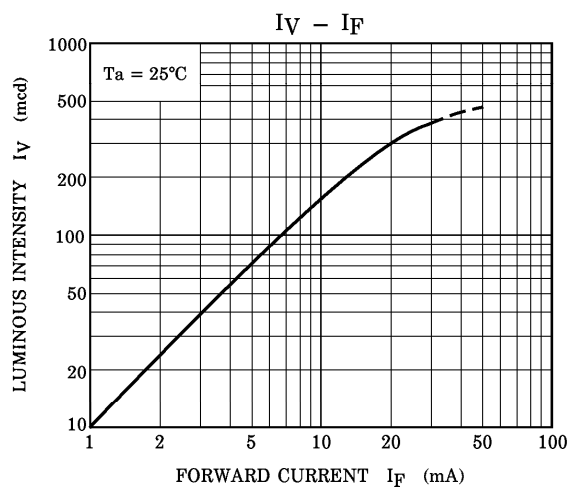
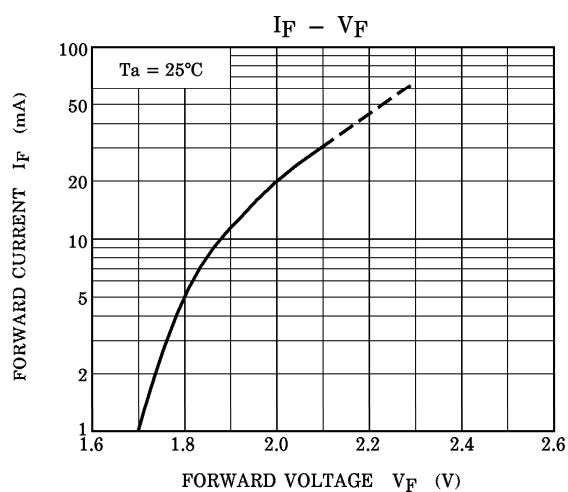
PRODUCT	TYP. EMISSION WAVELENGTH			LUMINOUS INTENSITY I <sub>V</sub>			FORWARD VOLTAGE V <sub>F</sub>			REVERSE CURRENT I <sub>R</sub>	
	λ <sub>p</sub>	Δλ	I <sub>F</sub>	MIN	TYP.	I <sub>F</sub>	TYP.	MAX	I <sub>F</sub>	MAX	V <sub>R</sub>
TLOU262	612	15	20	47.6	300	20	2.0	2.4	20	50	4
TLSU262	636	17	20	47.6	170	20	2.0	2.4	20	50	4
TLYU262	590	13	20	47.6	150	20	2.1	2.5	20	50	4
UNIT	nm		mA	mcd		mA	V		mA	μA	V

## PRECAUTION

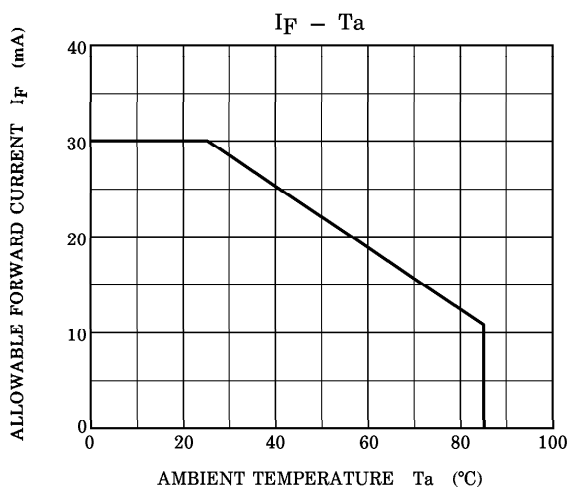
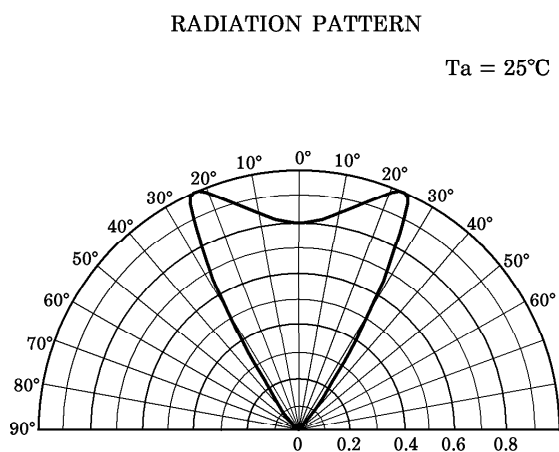
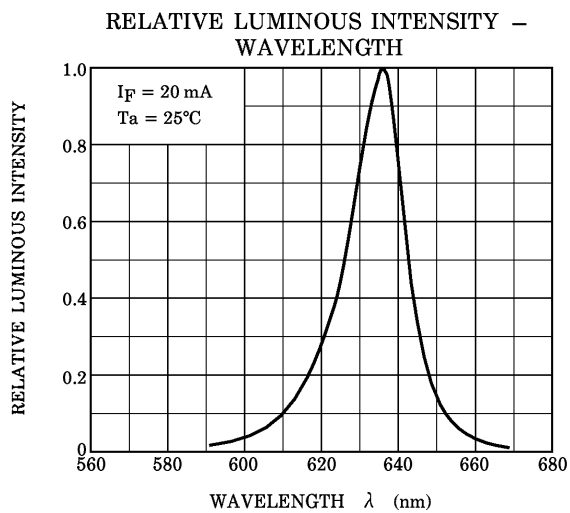
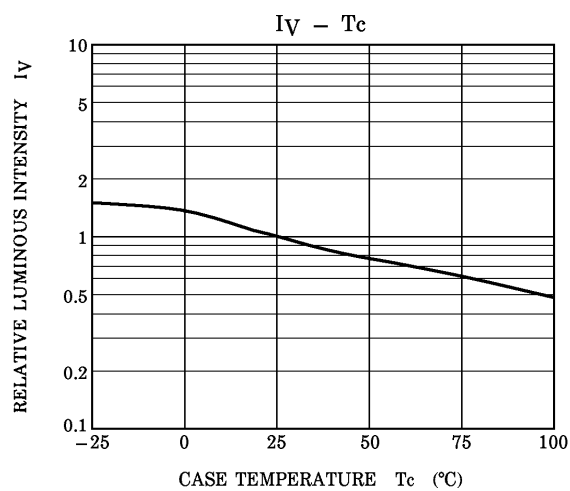
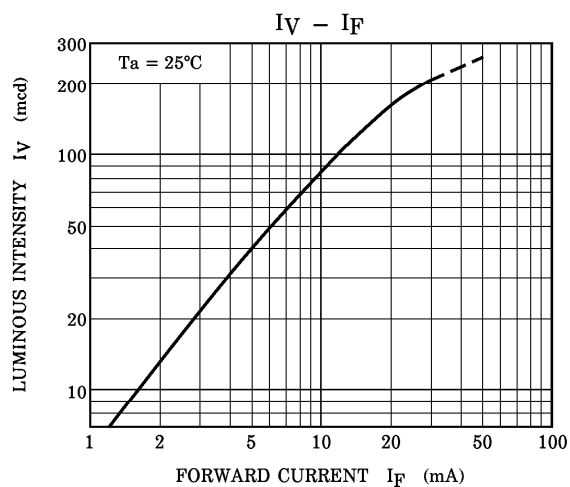
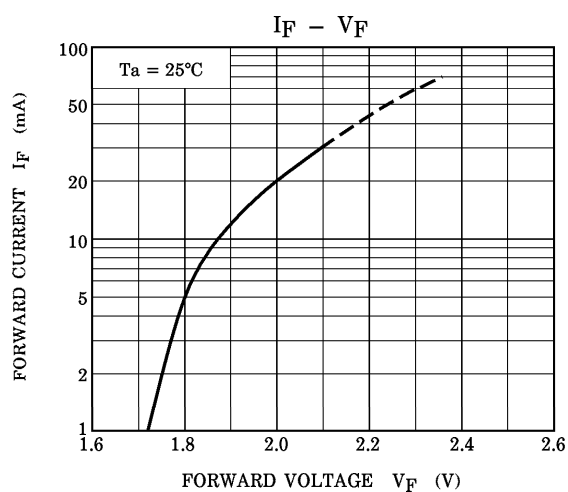
Please be careful of the followings

- 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.

## TLOU262



## TLSU262



TLYU262

