

TLRMH17T, TLSH17T, TLOH17T, TLYH17T

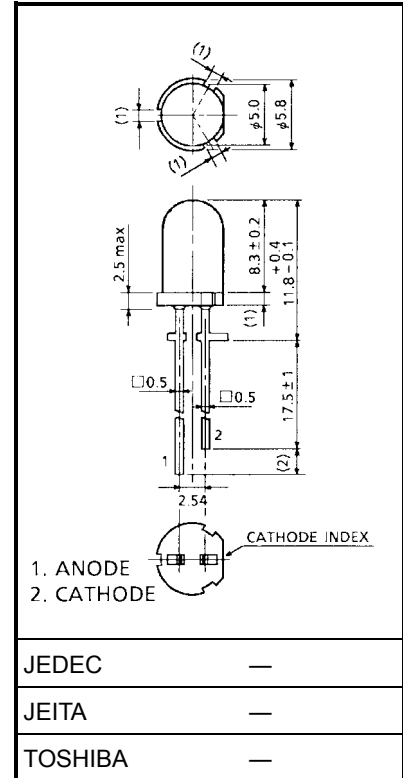
Panel Circuit Indicator

Unit: mm

- 5 mm package
- InGaAlP technology
- All plastic mold type
- Transparent lens
- Lineup: 3colors (red, orange, yellow)
- High intensity light emission
- Excellent low current light output
- Applications: traffic signals, safety equipment, backlight
- Straight lead type is also available
TLRMH17TP, TLSH17TP, TLOH17TP, TLYH17TP

Line-up

Product Name	Color	Material
TLRMH17T	Red	InGaAlP
TLSH17T	Red	
TLOH17T	Orange	
TLYH17T	Yellow	



Weight: 0.31 g

Maximum Ratings (Ta = 25°C)

Product Name	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)
TLRMH17T	50	4	120	-40~100	-40~120
TLSH17T					
TLOH17T					
TLYH17T					

Electrical and Optical Characteristics (Ta = 25°C)

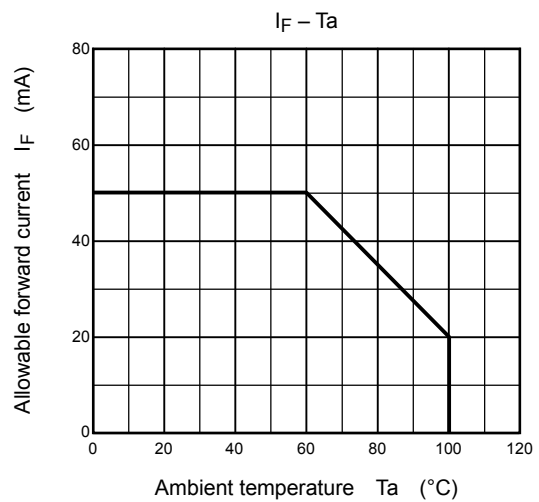
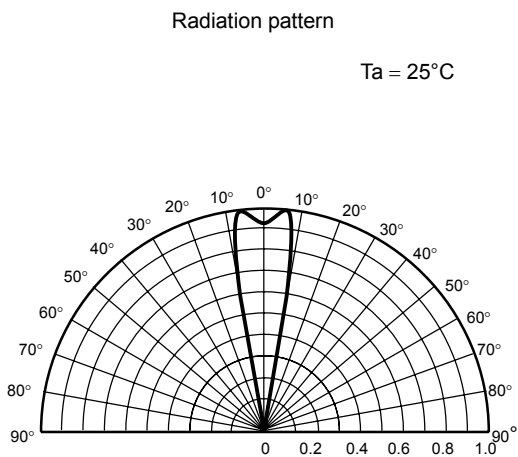
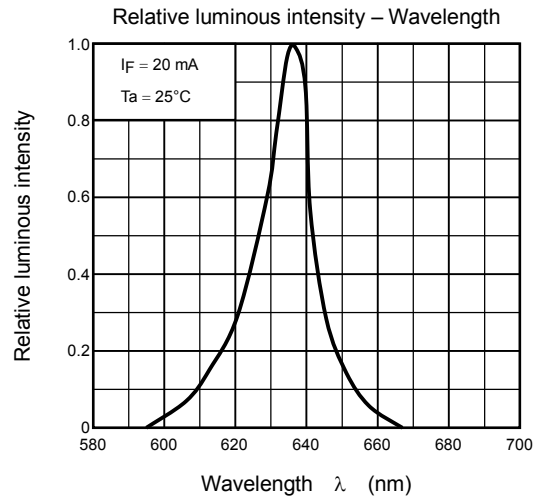
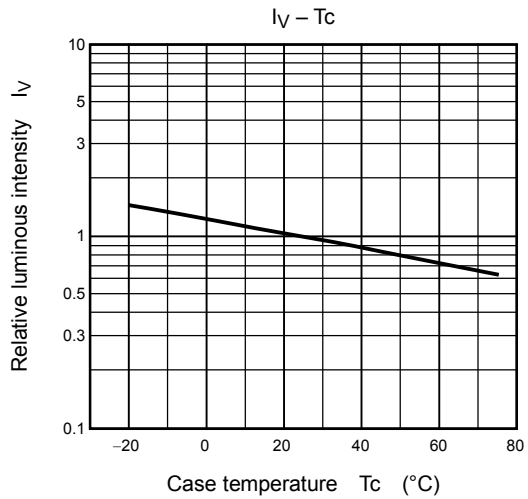
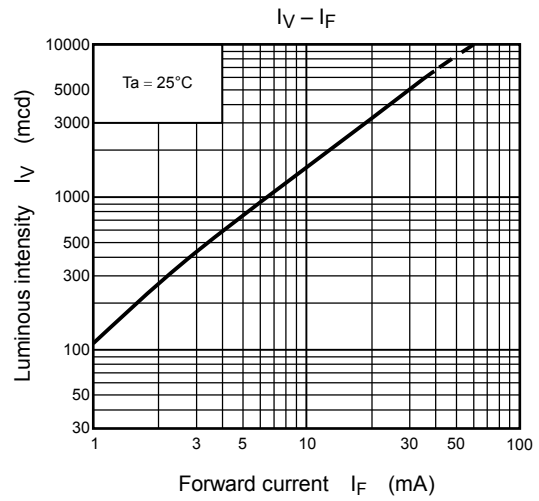
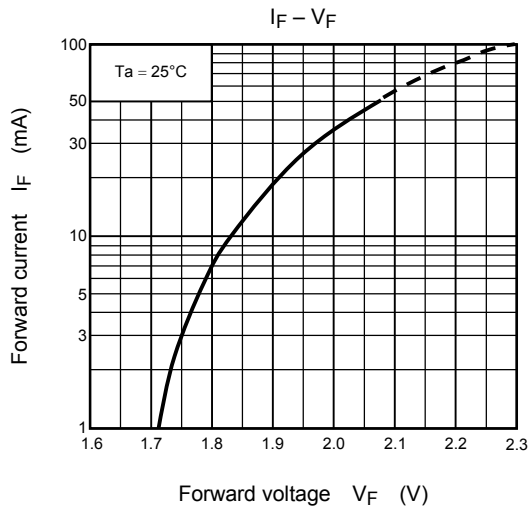
Product Name	Typ. Emission Wavelength				Luminous Intensity I _V			Forward Voltage V _F			Reverse Current I _R	
	λ _d	λ _p	Δλ	I _F	Min	Typ.	I _F	Typ.	Max	I _F	Max	V _R
TLRMH17T	626	(636)	13	20	850	3200	20	1.9	2.4	20	50	4
TLSH17T	613	(623)	13	20	1530	4500	20	2.0	2.4	20	50	4
TLOH17T	605	(612)	13	20	1530	5000	20	2.0	2.4	20	50	4
TLYH17T	587	(590)	13	20	1530	4800	20	2.0	2.4	20	50	4
Unit	nm			mA	mcd		mA	V		mA	μA	V

Precautions

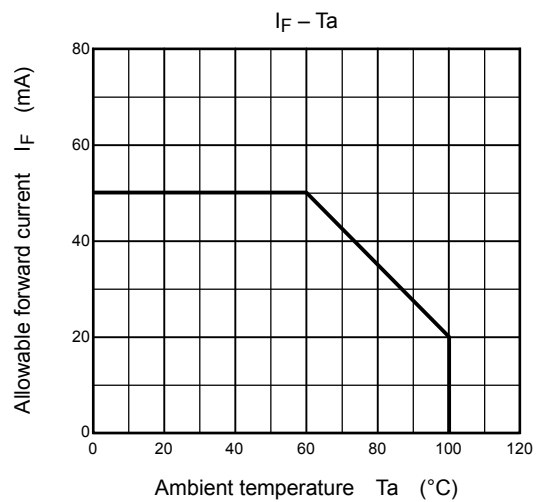
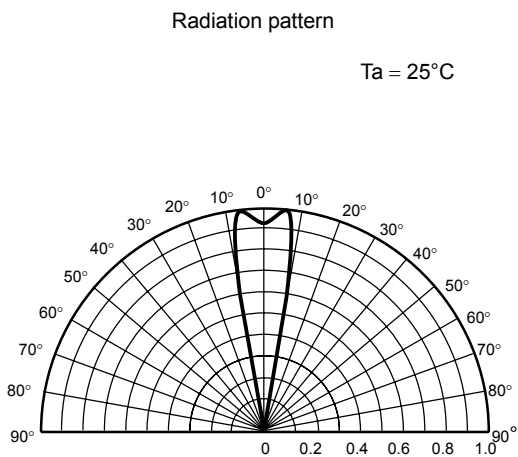
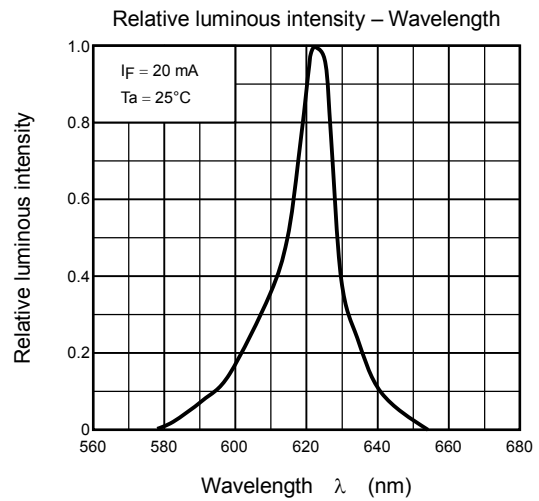
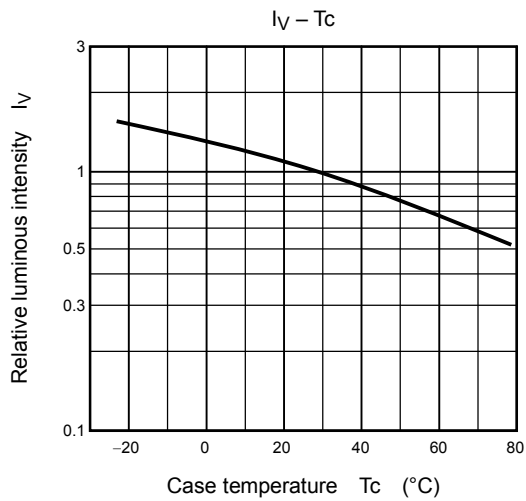
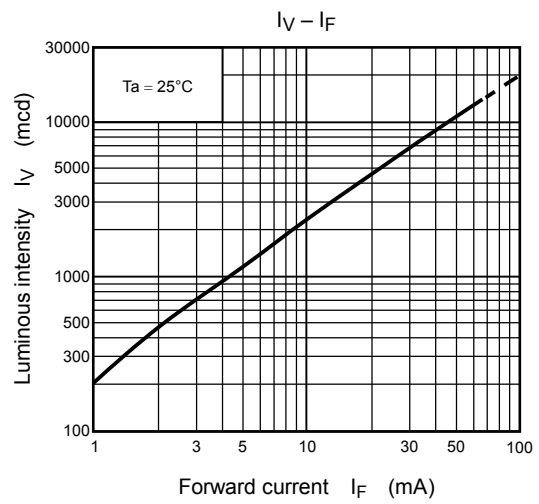
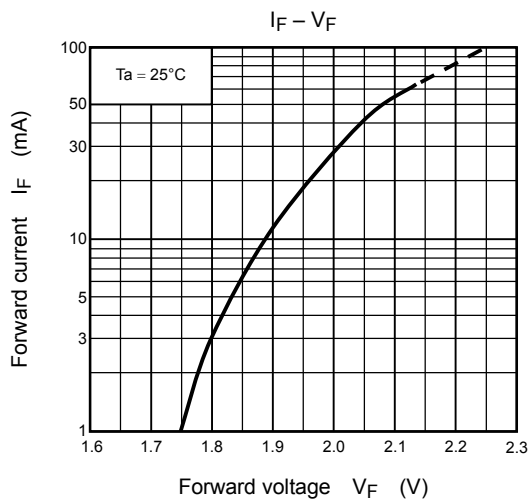
Please be careful of the following:

- Soldering temperature: 260°C max, soldering time: 3 s max
(soldering portion of lead: below the lead stopper)
- 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.

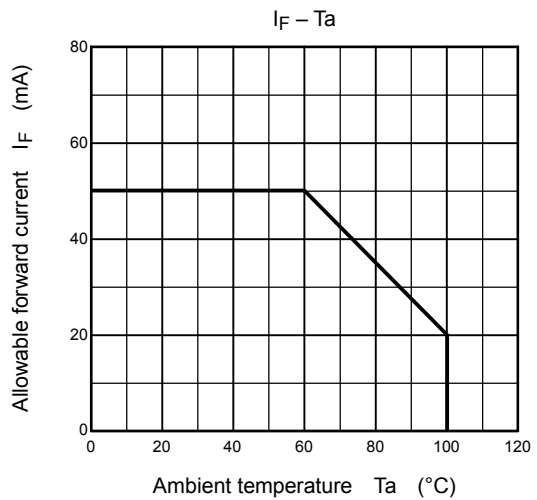
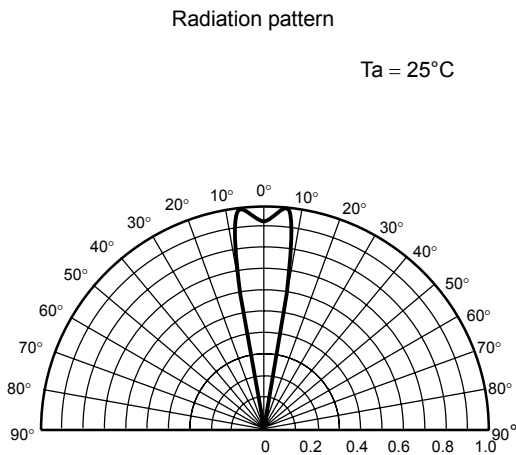
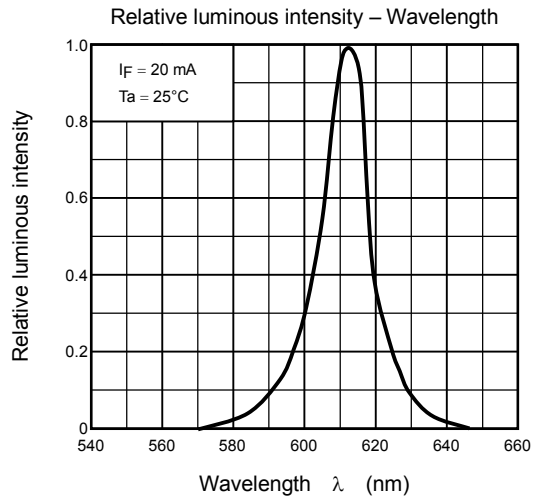
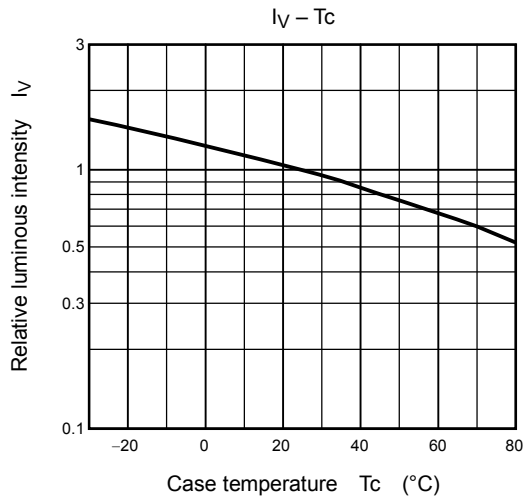
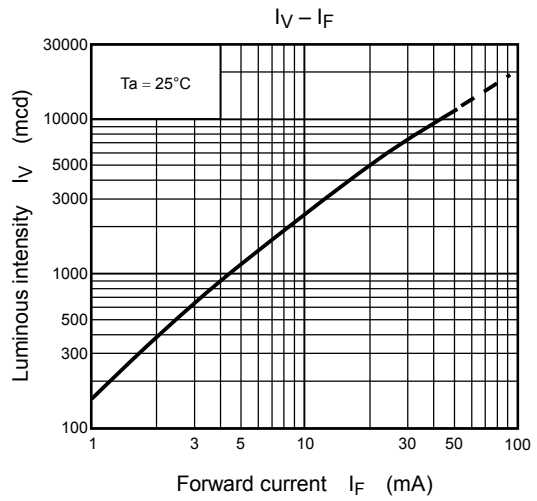
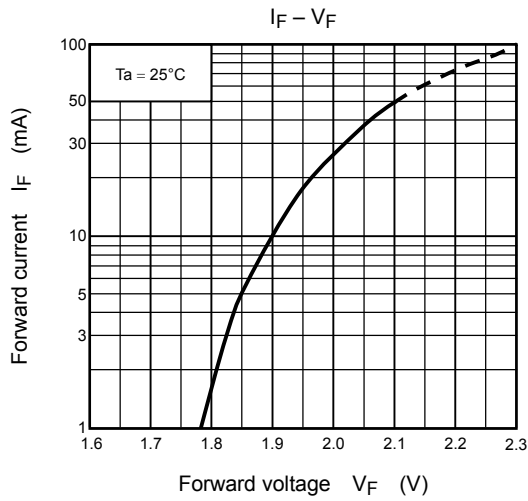
TLRMH17T



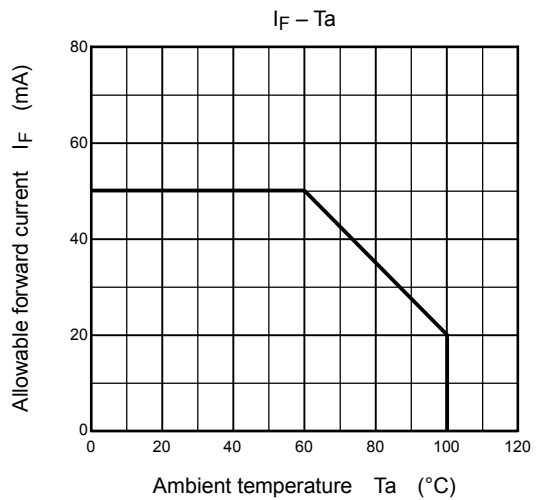
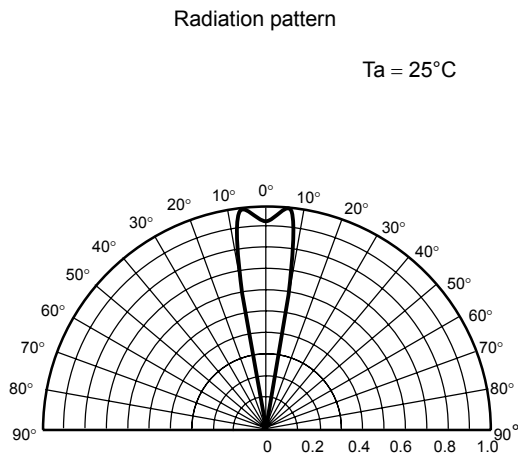
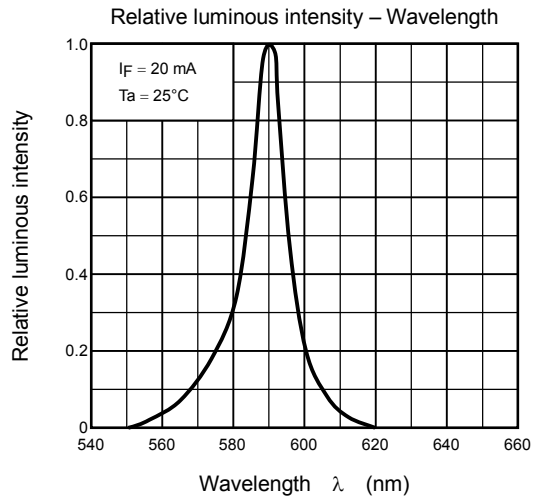
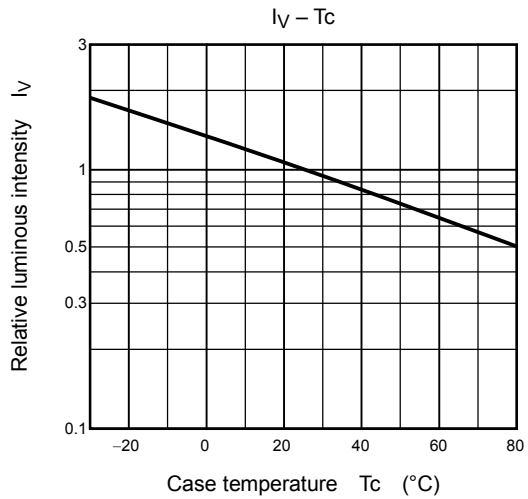
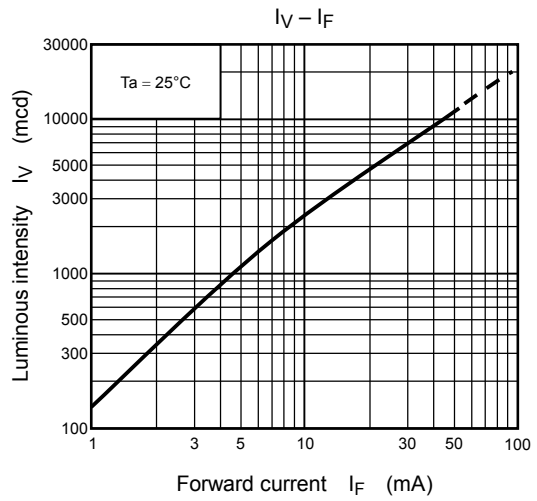
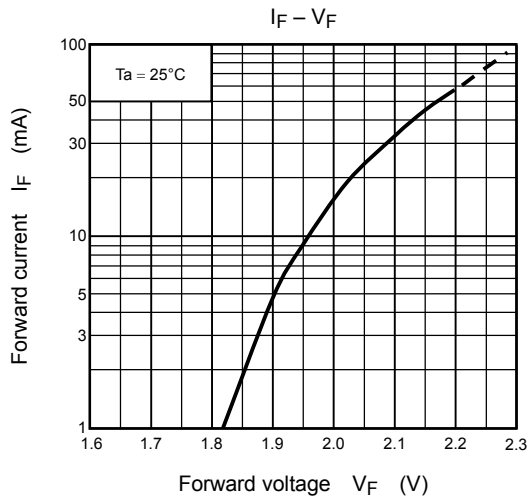
TLSH17T



TLOH17T



TLYH17T



RESTRICTIONS ON PRODUCT USE

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