

### TLRE62T(F),TLRME62T(F),TLSE62T(F),TLOE62T(F),TLYE62T(F), TLPYE62T(F),TLGE62T(F),TLFGE62T(F),TLPGE62T(F)

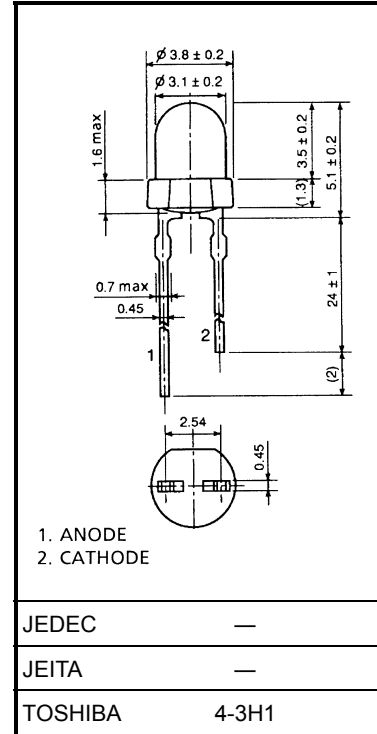
#### Panel Circuit Indicators

- Lead(Pb)-free products (lead: Sn-Ag-Cu)
- $\phi 3$  mm package
- InGaAlP technology
- All plastic mold type
- Transparent lens
- Lineup: 6 colors (red, orange, yellow, pure yellow, green and pure green)
- High intensity light emission
- Excellent low current light output
- Applications: message boards, security devices and dashboard displays

#### Lineup

Product Name	Color	Material
TLRE62T(F)	Red	InGaAlP
TLRME62T(F)	Red	
TLSE62T(F)	Red	
TLOE62T(F)	Orange	
TLYE62T(F)	Yellow	
TLPYE62T(F)	Pure Yellow	
TLGE62T(F)	Green	
TLFGE62T(F)	Green	
TLPGE62T(F)	Pure Green	

Unit: mm



Weight: 0.14 g

## Maximum Ratings (Ta = 25°C)

Product Name	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)
TLRE62T(F)	50	4	120	-40~100	-40~120
TLRME62T(F)	50	4	120		
TLSE62T(F)	50	4	120		
TLOE62T(F)	50	4	120		
TLYE62T(F)	50	4	120		
TLPYE62T(F)	50	4	120		
TLGE62T(F)	50	4	120		
TLFGE62T(F)	50	4	120		
TLPGE62T(F)	50	4	120		

## Electrical and Optical Characteristics (Ta = 25°C)

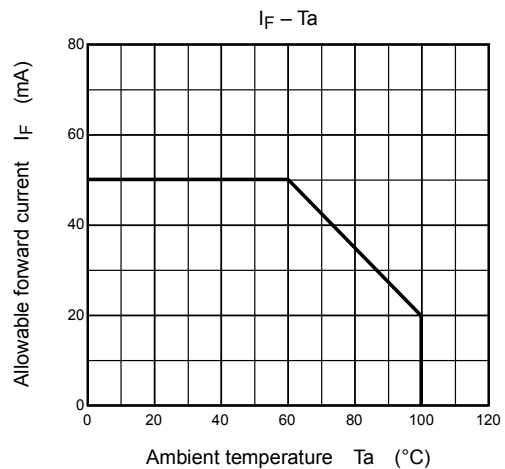
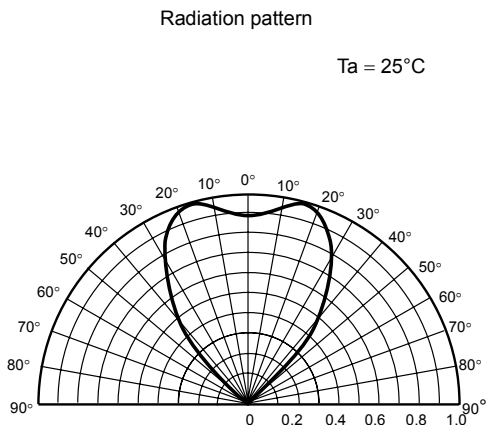
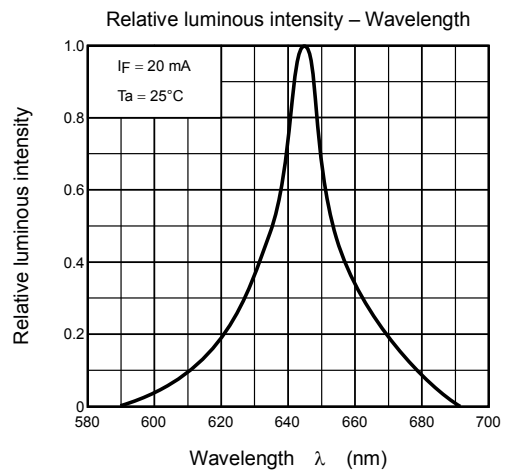
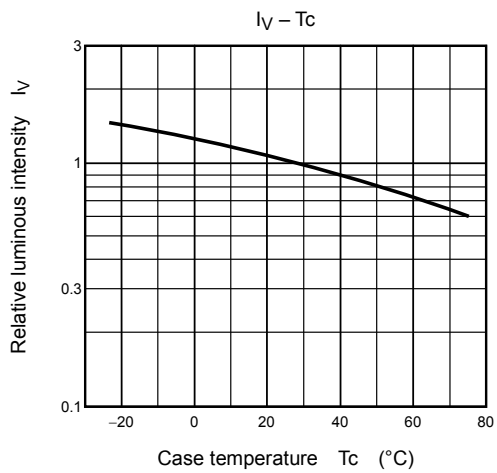
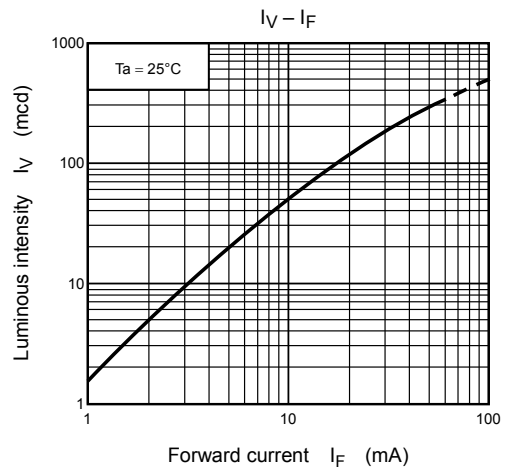
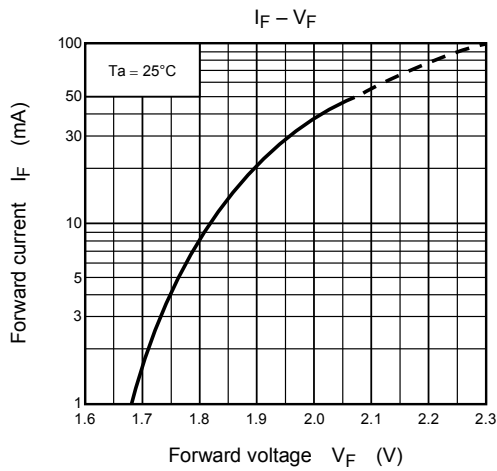
Product Name	Typ. Emission Wavelength				Luminous Intensity I <sub>V</sub>			Forward Voltage V <sub>F</sub>			Reverse Current I <sub>R</sub>	
	λ <sub>d</sub>	λ <sub>P</sub>	Δλ	I <sub>F</sub>	Min	Typ.	I <sub>F</sub>	Typ.	Max	I <sub>F</sub>	Max	V <sub>R</sub>
TLRE62T(F)	630	(644)	20	20	47.6	120	20	1.9	2.4	20	50	4
TLRME62T(F)	626	(636)	23	20	47.6	180	20	1.9	2.4	20	50	4
TLSE62T(F)	613	(623)	20	20	85	200	20	1.9	2.4	20	50	4
TLOE62T(F)	605	(612)	20	20	153	350	20	2.0	2.4	20	50	4
TLYE62T(F)	587	(590)	17	20	85	250	20	2.0	2.4	20	50	4
TLPYE62T(F)	580	(583)	14	20	47.6	150	20	2.0	2.4	20	50	4
TLGE62T(F)	571	(574)	17	20	47.6	110	20	2.0	2.4	20	50	4
TLFGE62T(F)	565	(568)	15	20	27.2	70	20	2.0	2.4	20	50	4
TLPGE62T(F)	558	(562)	14	20	15.3	45	20	2.1	2.4	20	50	4
Unit	nm			mA	mcd		mA	V		mA	μA	V

## Precautions

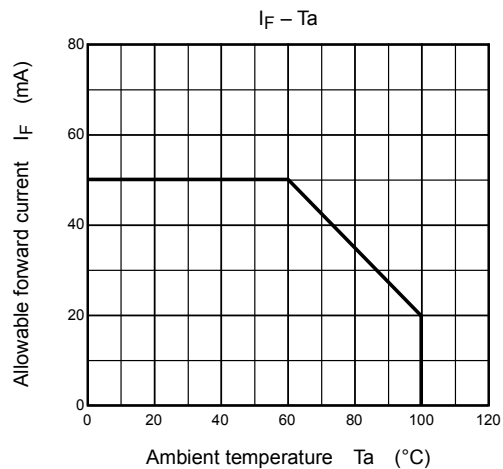
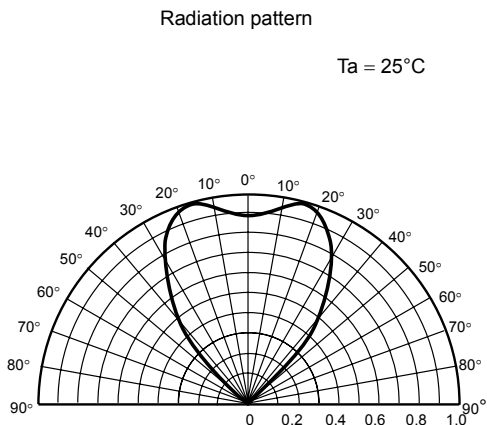
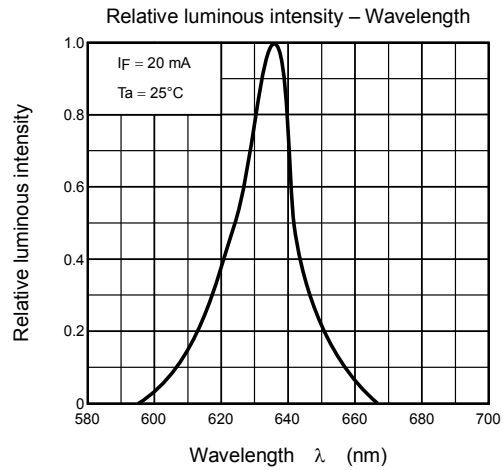
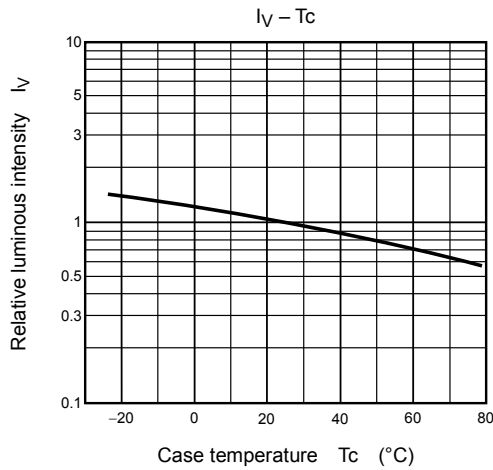
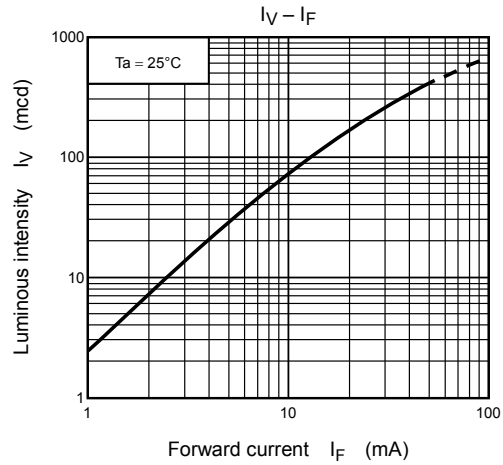
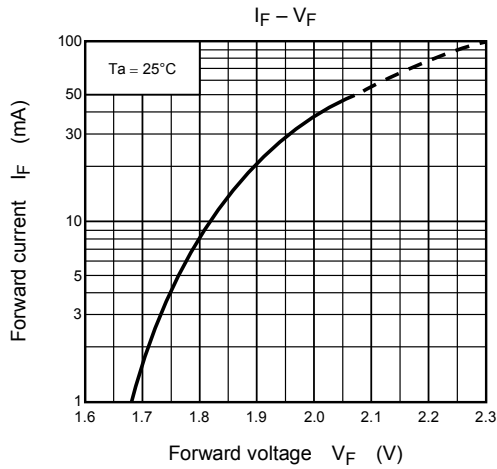
Please be careful of the following:

- Soldering temperature: 260°C max, soldering time: 3 s max  
(soldering portion of lead: up to 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.

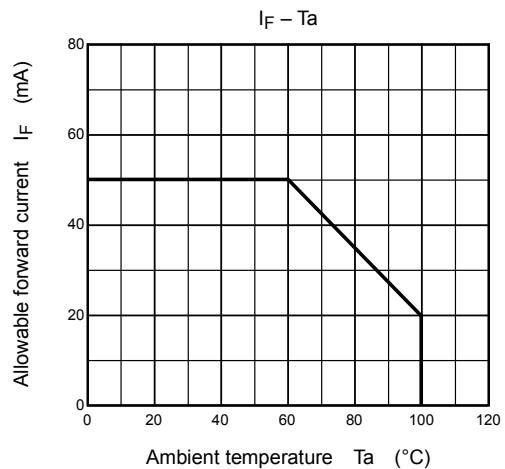
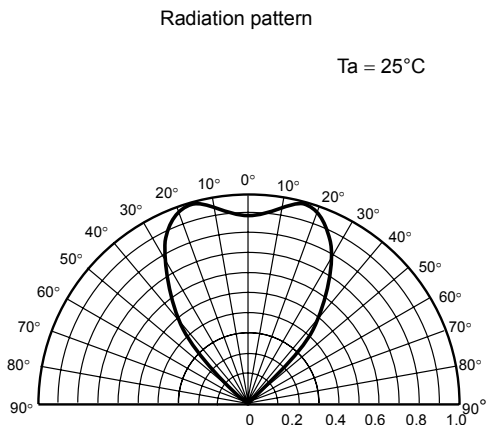
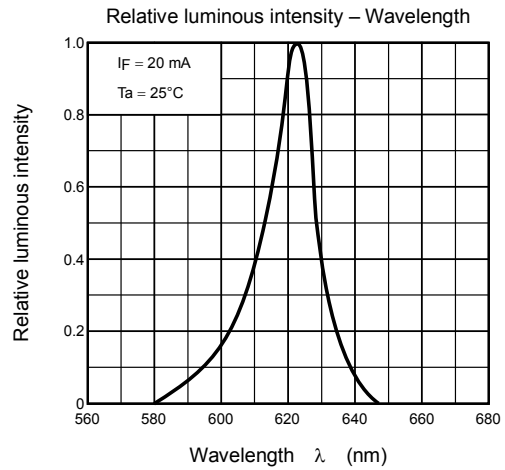
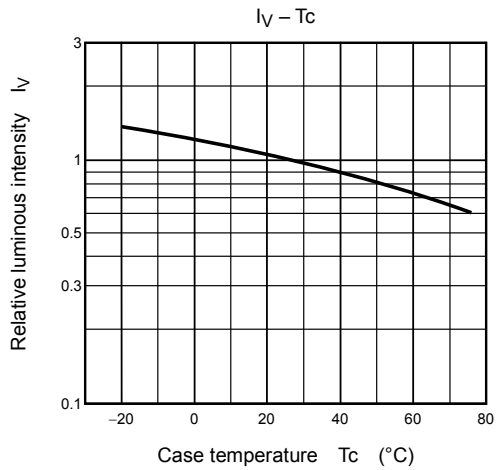
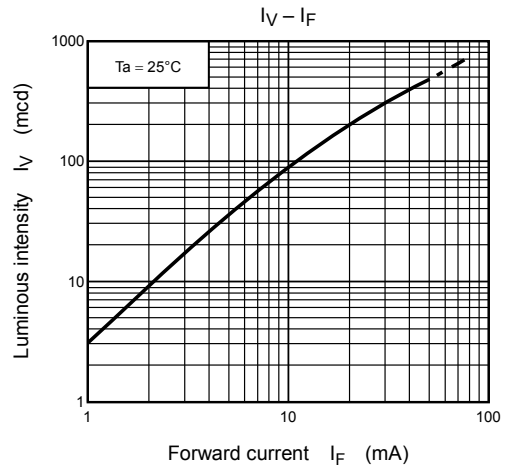
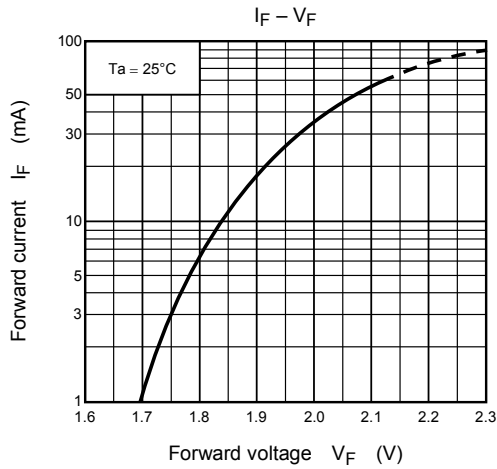
**TLRE62T(F)**



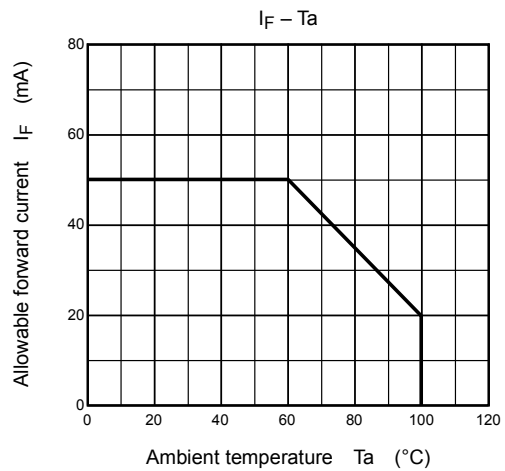
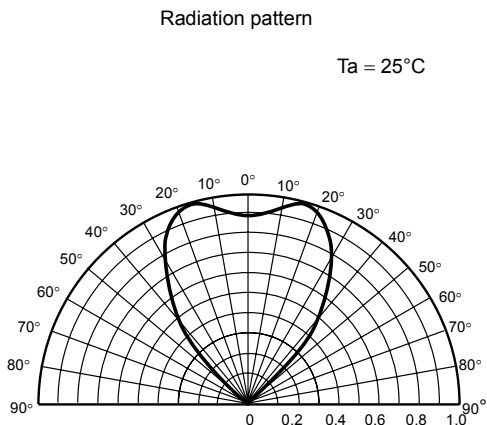
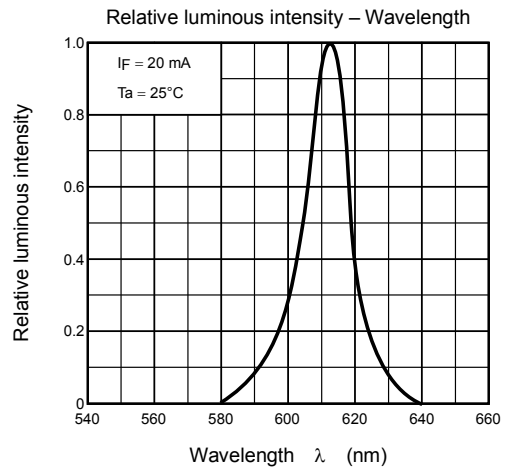
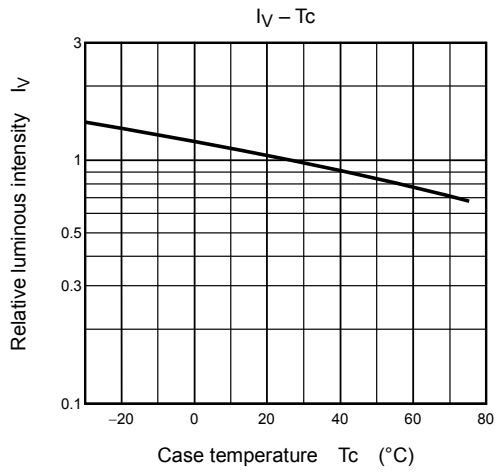
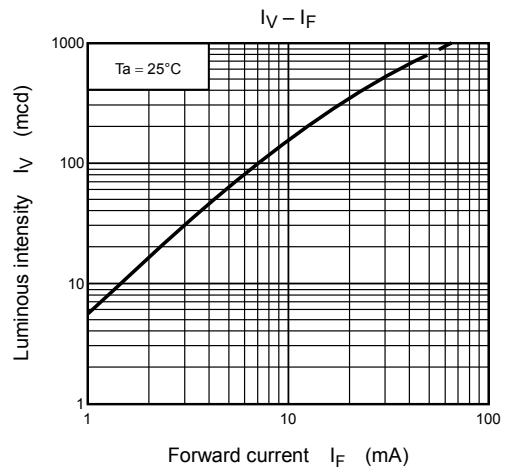
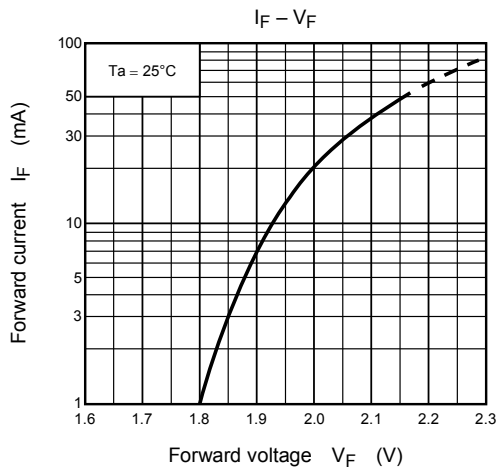
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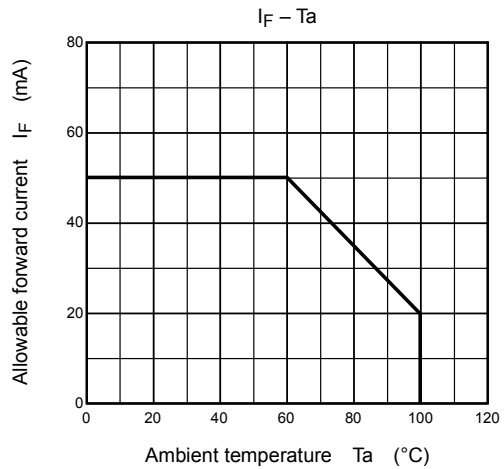
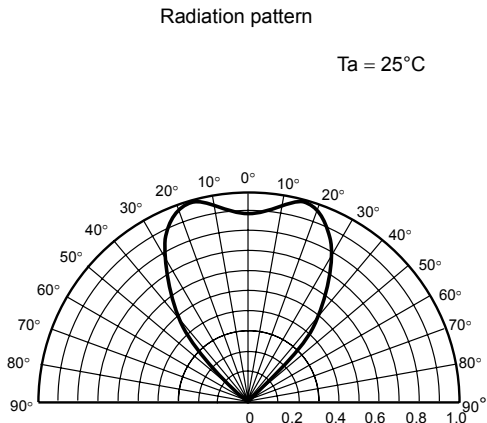
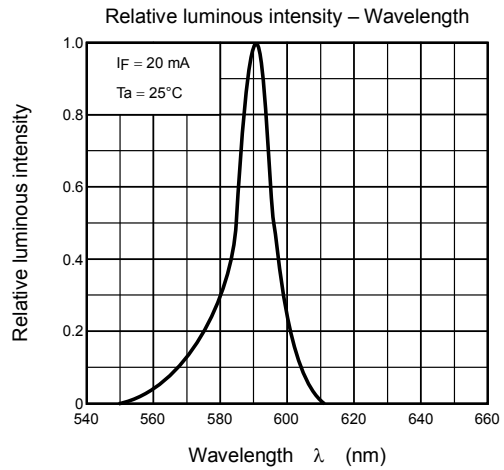
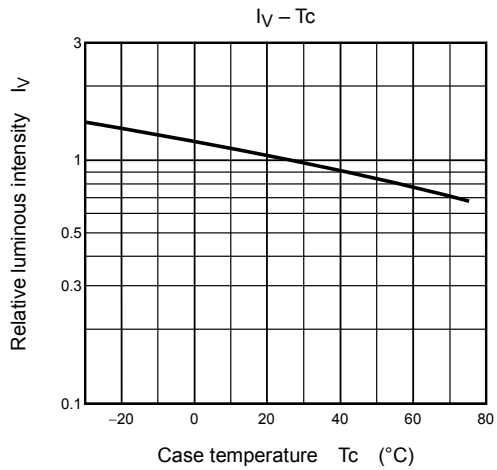
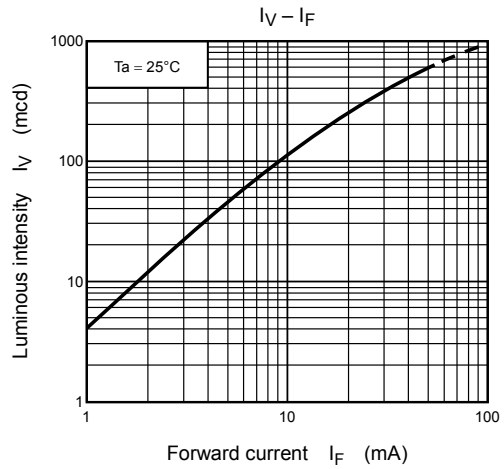
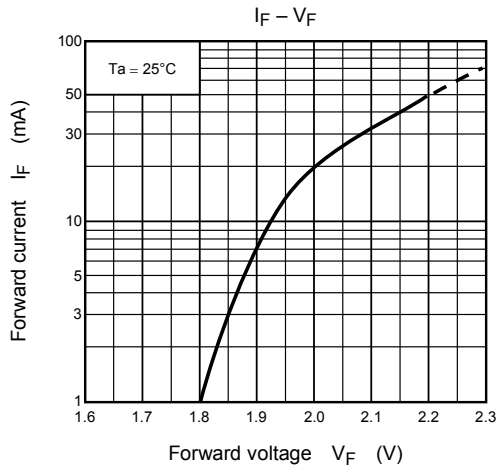
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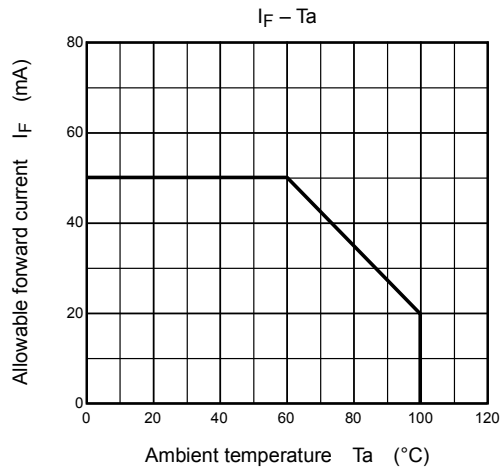
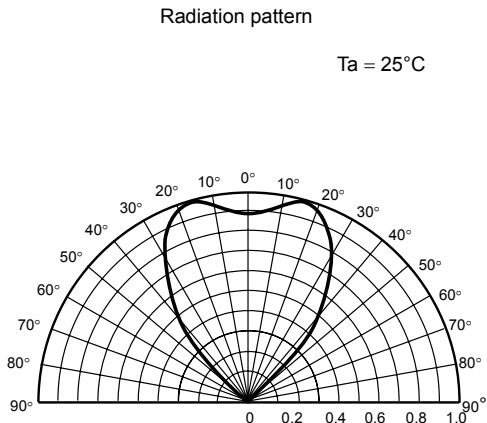
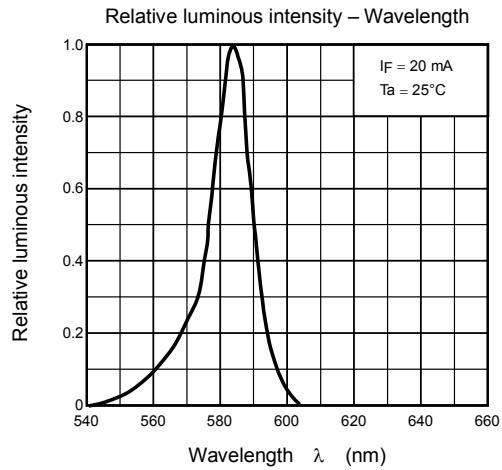
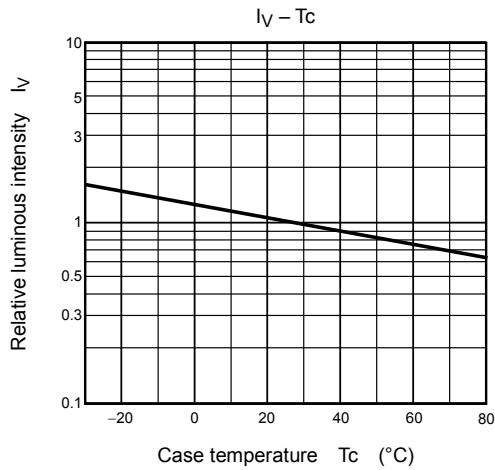
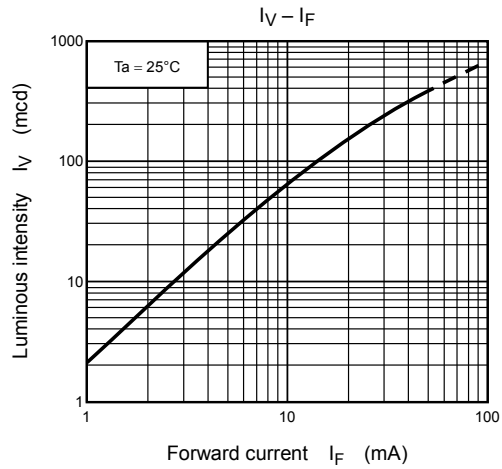
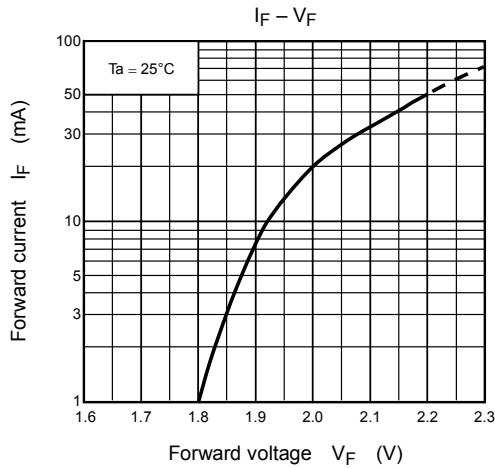
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**TLYE62T(F)**

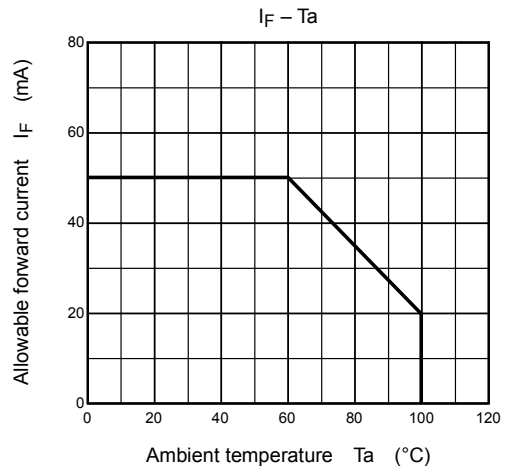
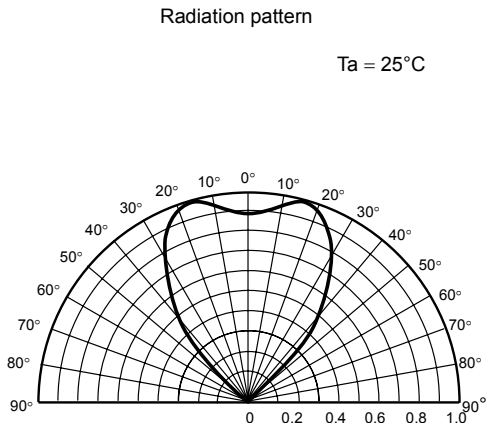
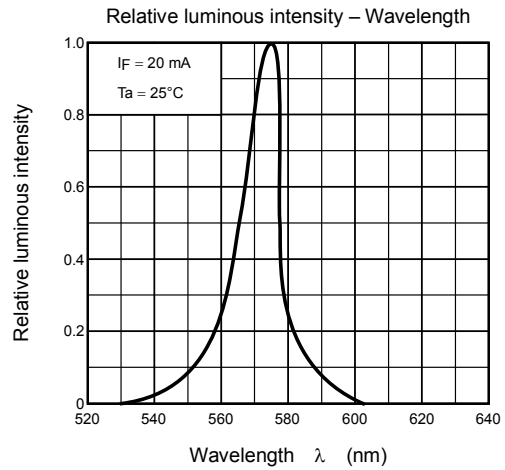
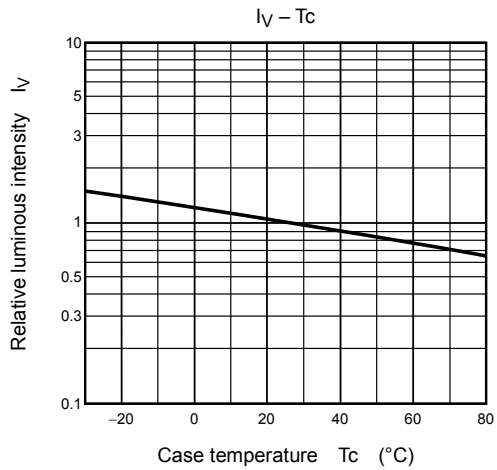
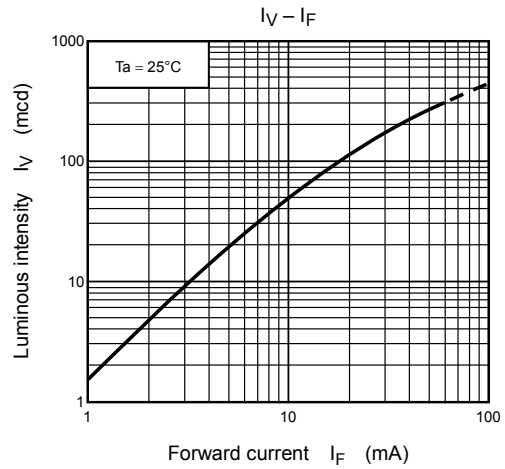
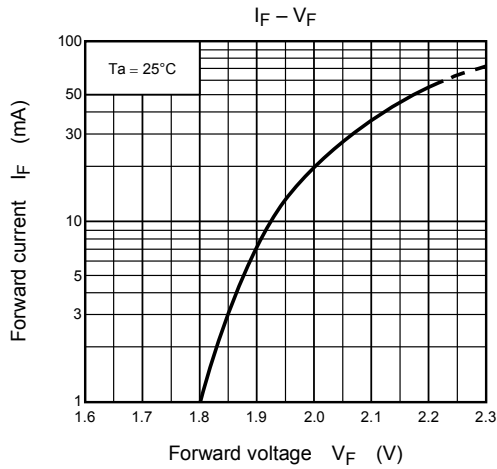


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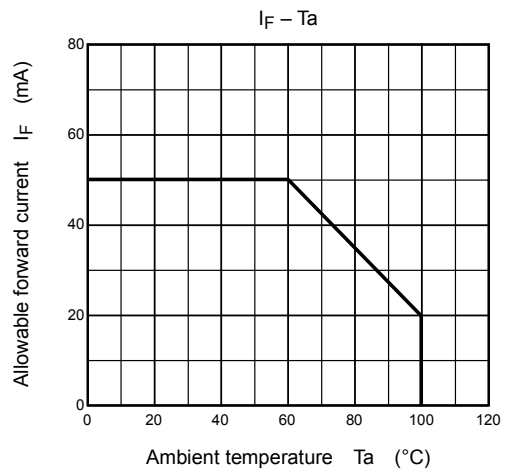
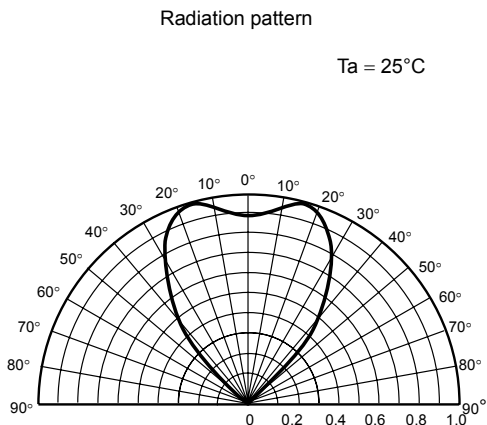
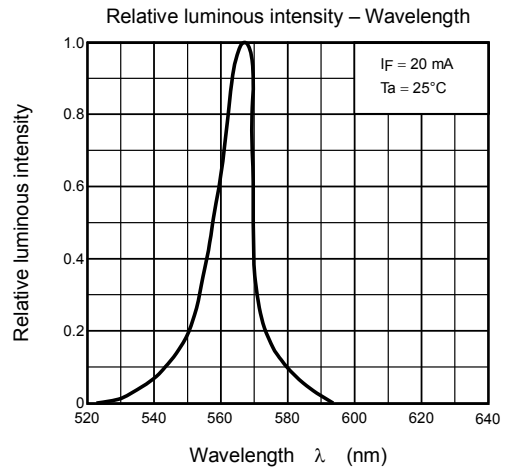
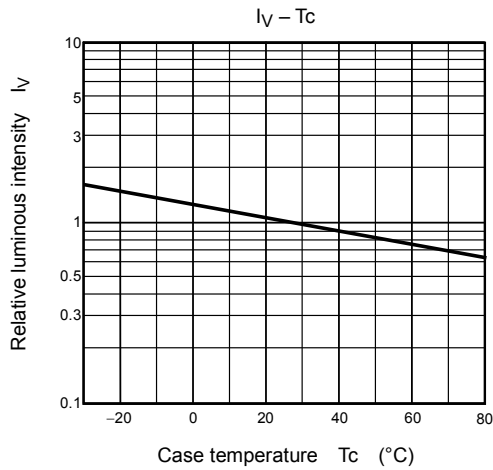
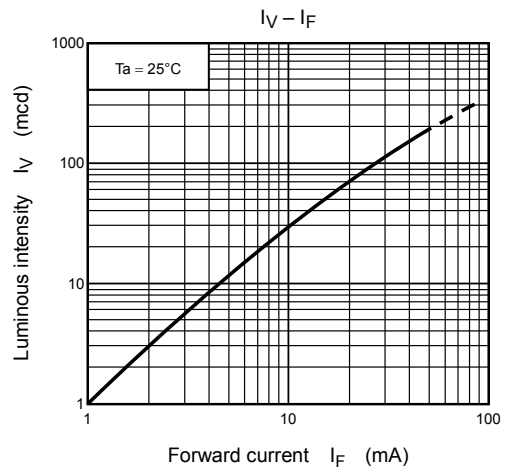
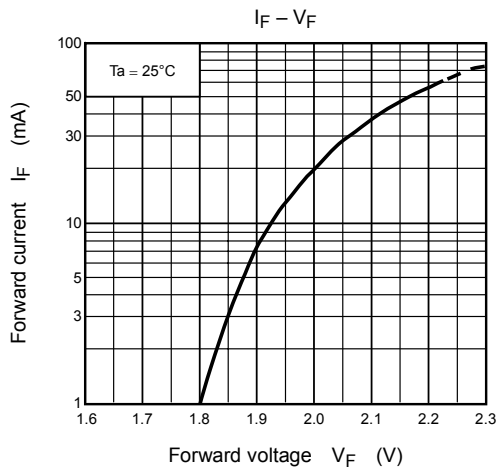




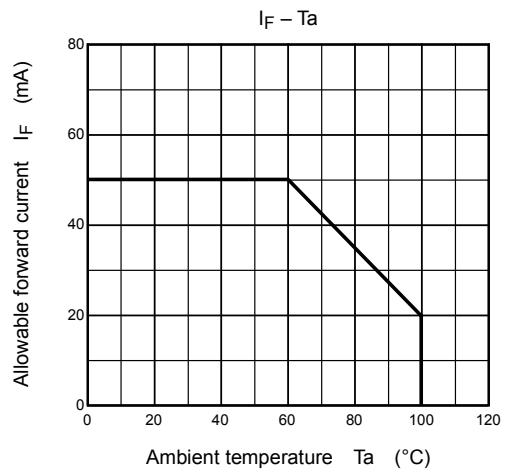
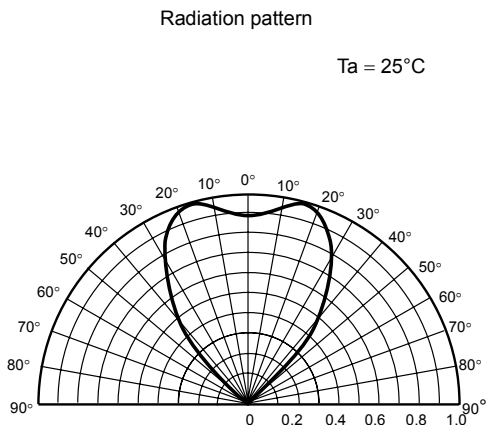
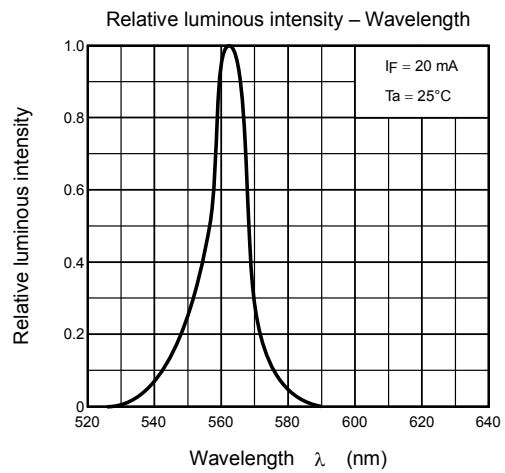
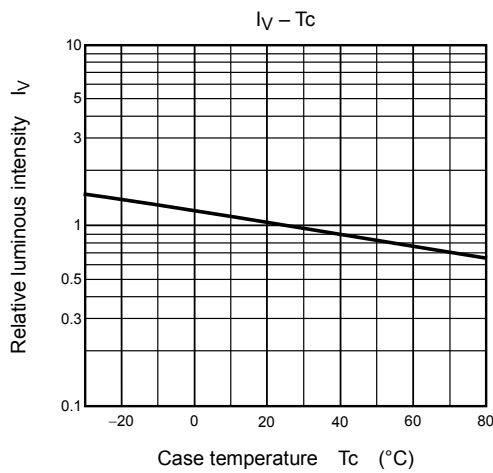
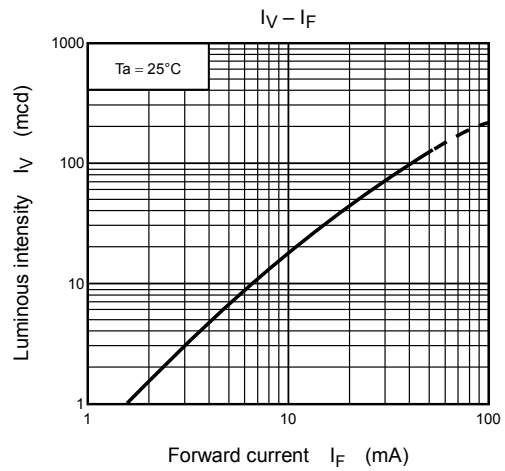
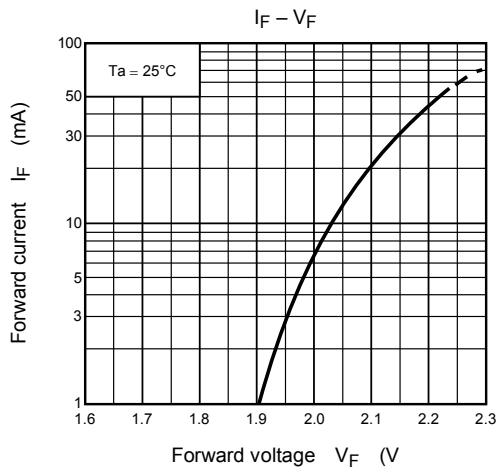
**TLGE62T(F)**



## TLFGE62T(F)



**TLPGE62T(F)**



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