

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

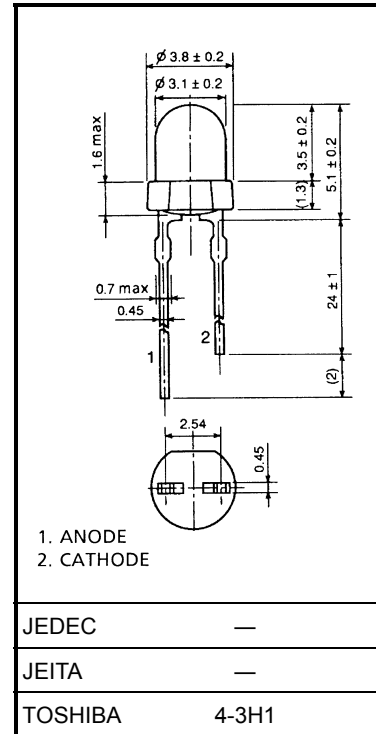
Panel Circuit Indicators

Unit: mm

- 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	



Weight: 0.14 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)
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)

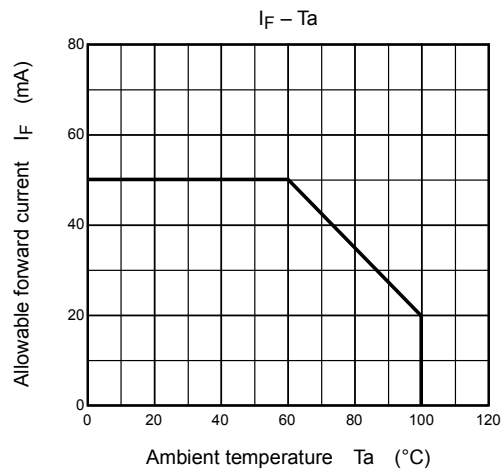
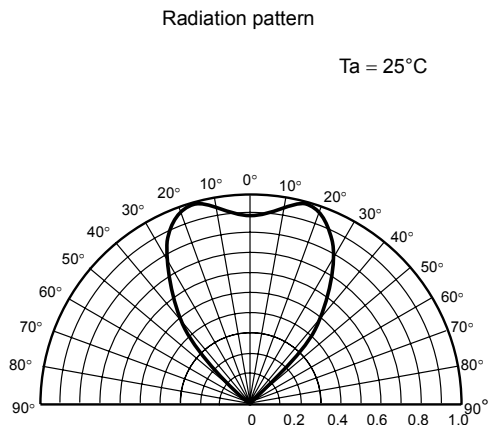
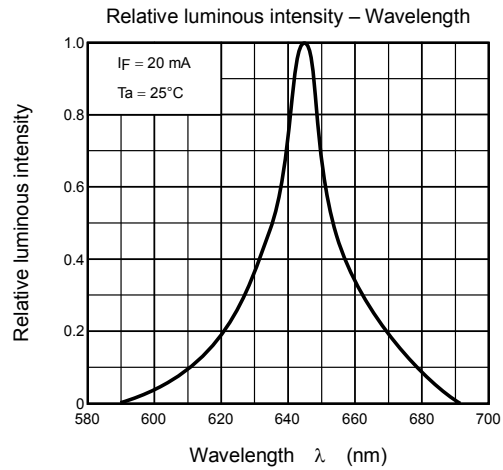
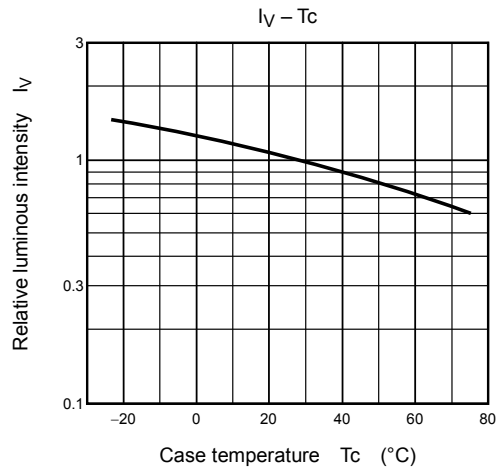
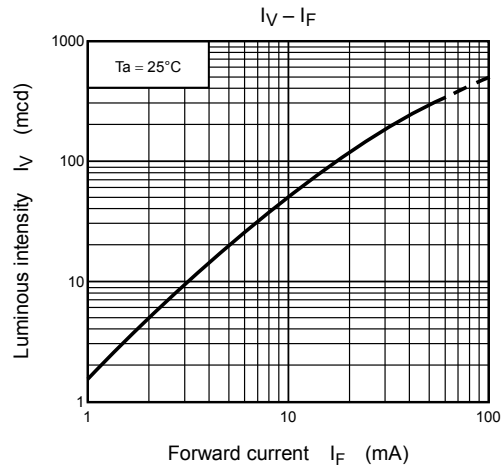
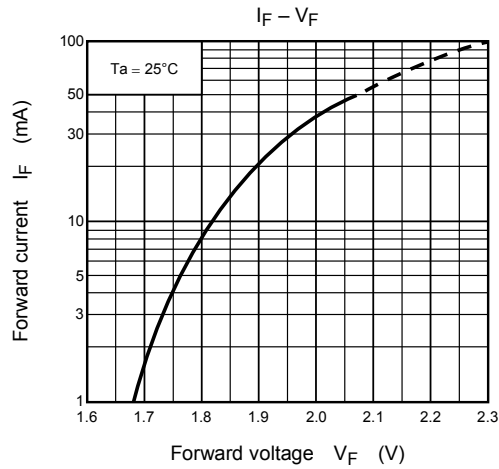
Product Name	Typ. Emission Wavelength				Luminous Intensity I _V			Forward Voltage V _F			Reverse Current I _R	
	λ _d	λ _P	Δλ	I _F	Min	Typ.	I _F	Typ.	Max	I _F	Max	V _R
TLRE62T(F)	630	(644)	20	20	47.6	120	20	1.9	2.4	20	50	4
TLRME62T(F)	626	(636)	23	20	47.6	180	20	1.9	2.4	20	50	4
TLSE62T(F)	613	(623)	20	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

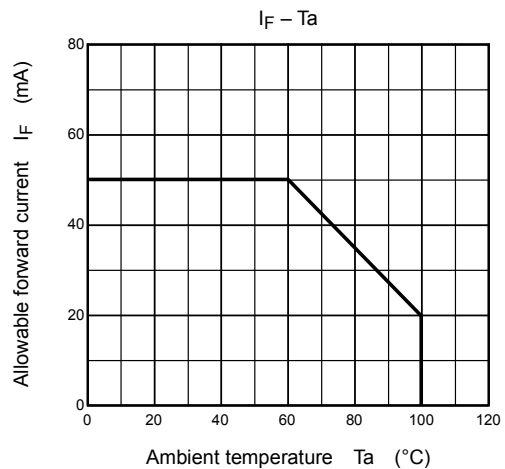
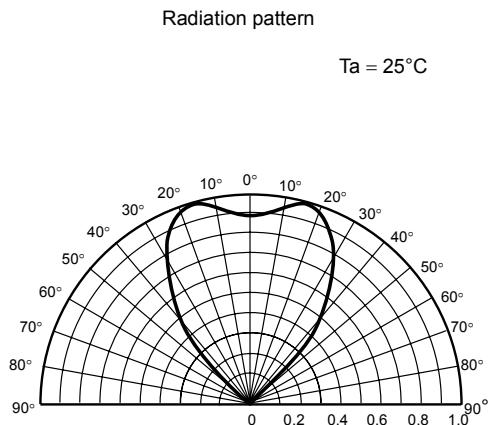
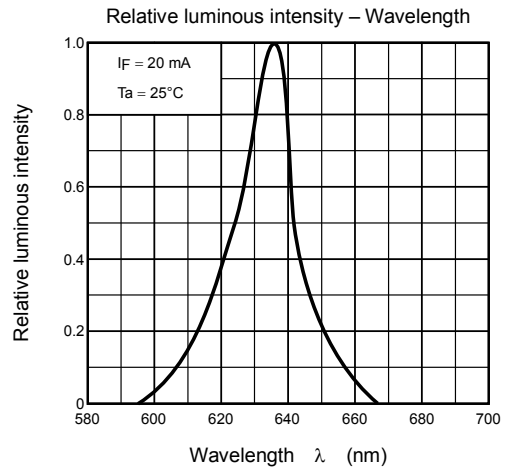
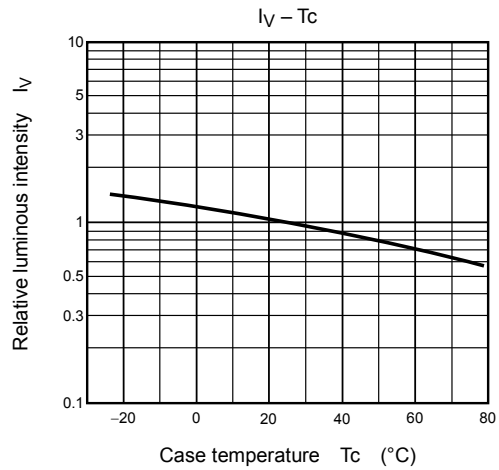
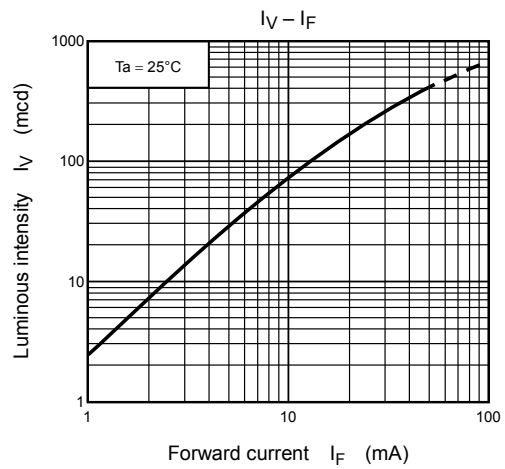
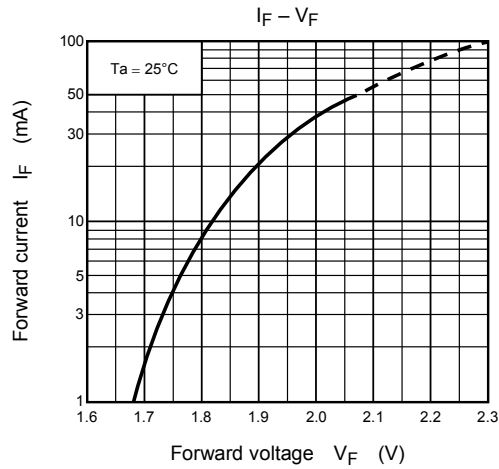
Please be careful of the following:

- 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.

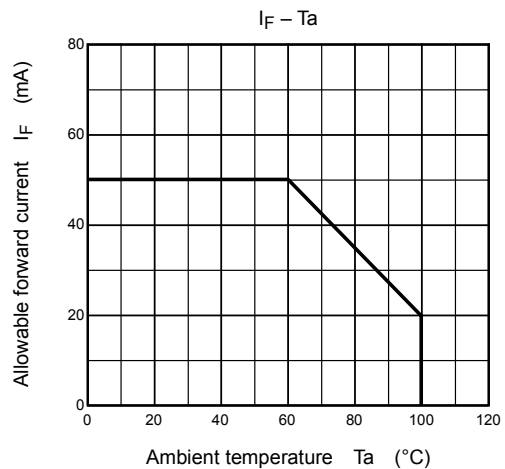
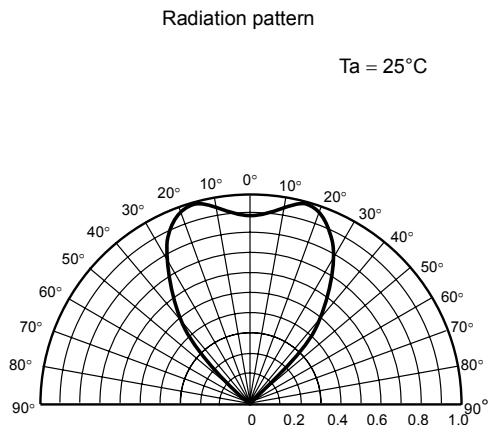
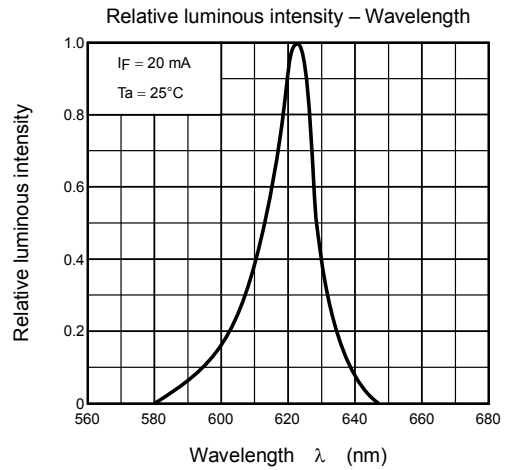
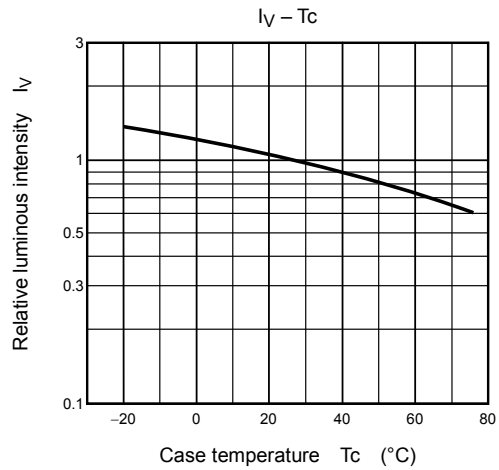
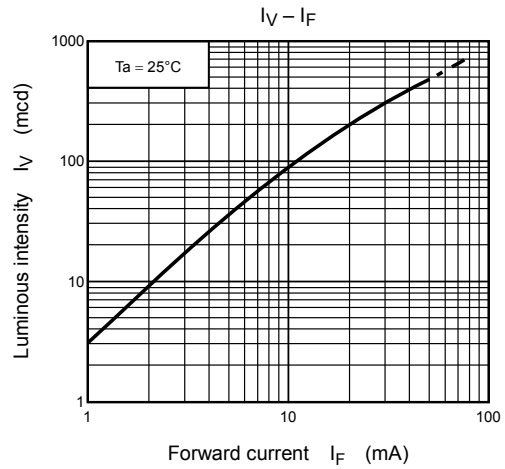
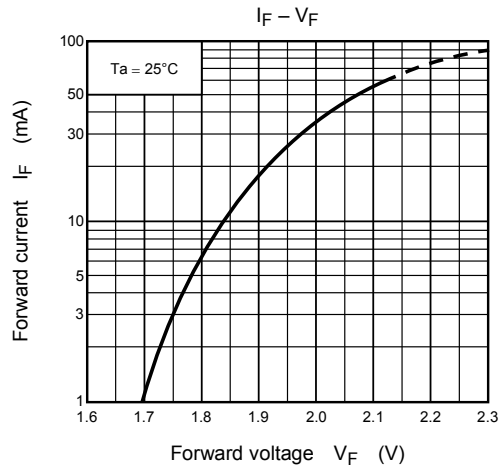
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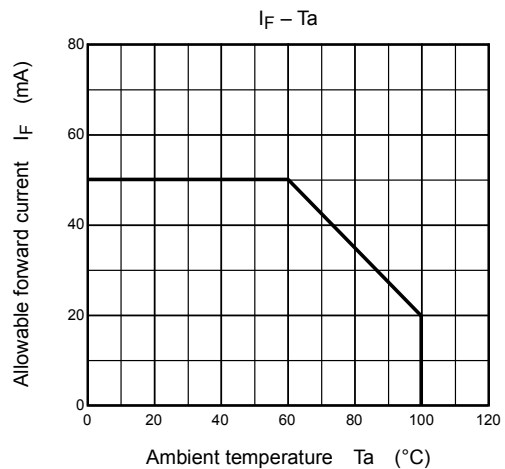
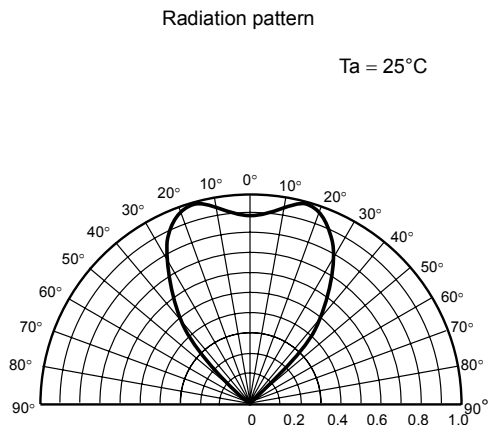
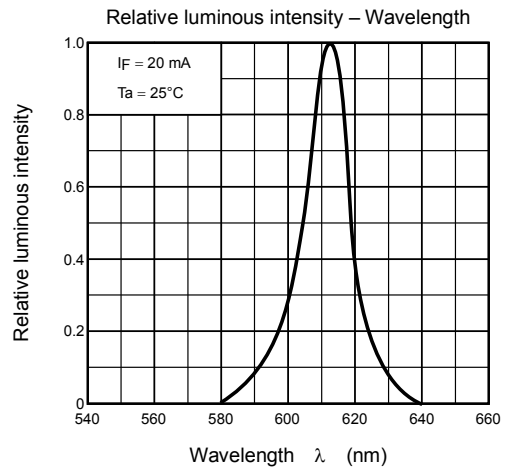
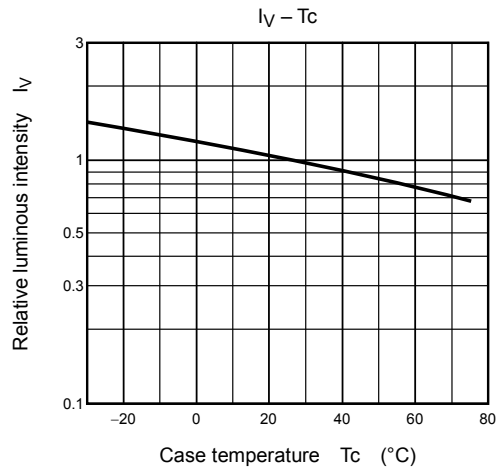
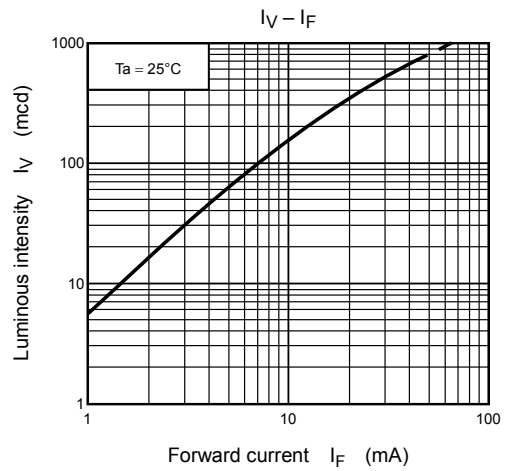
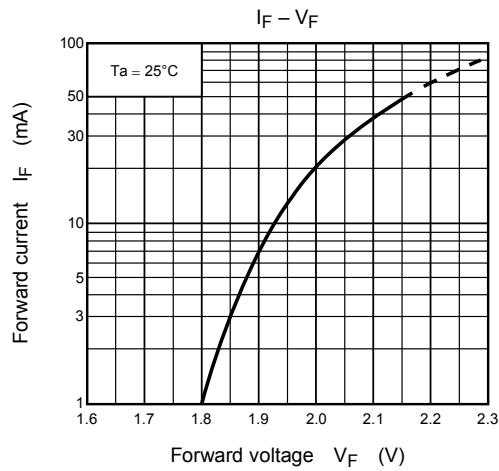
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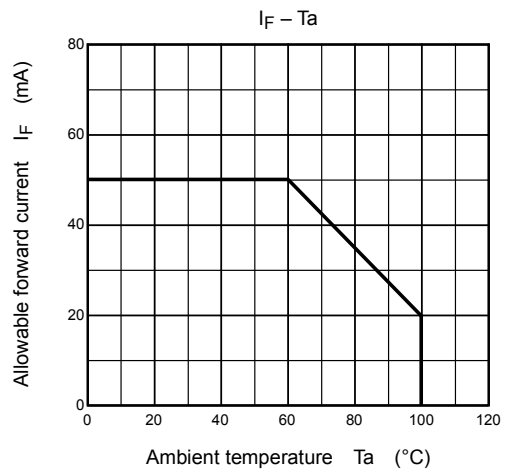
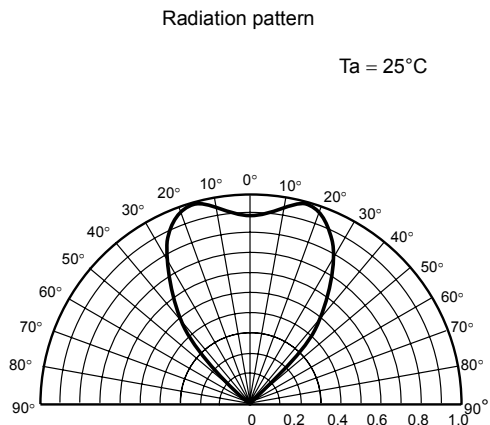
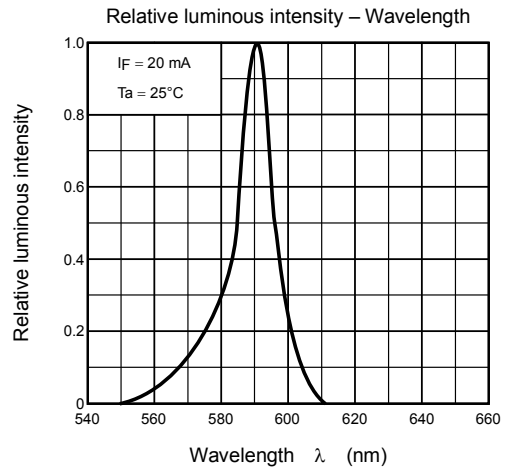
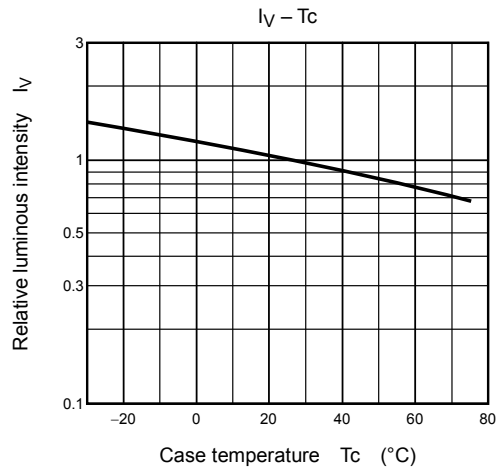
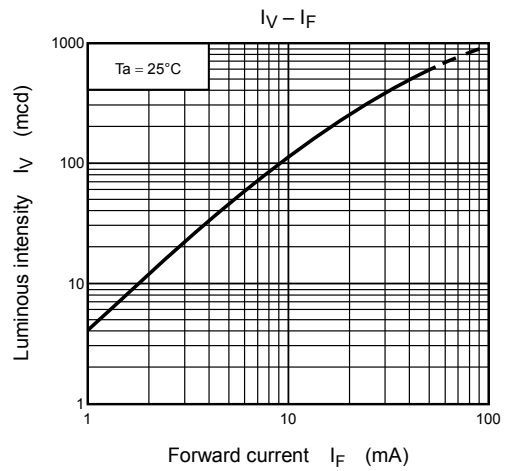
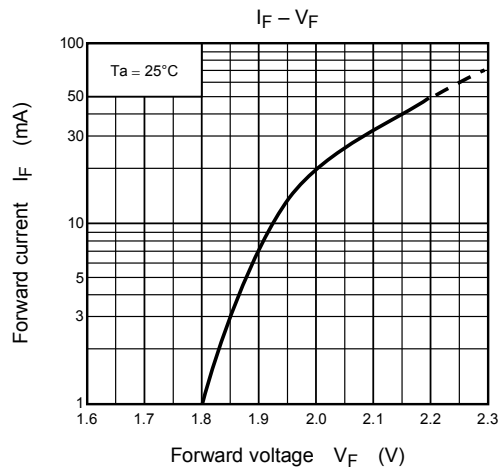
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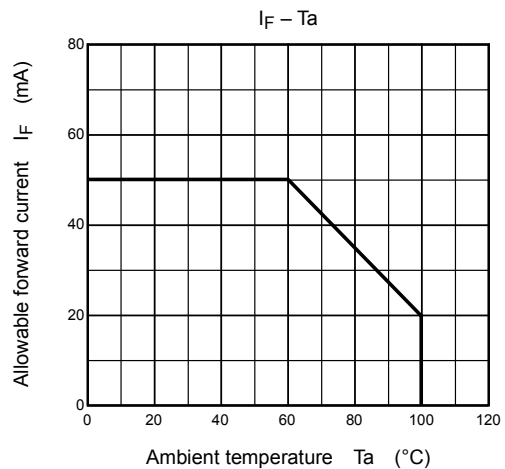
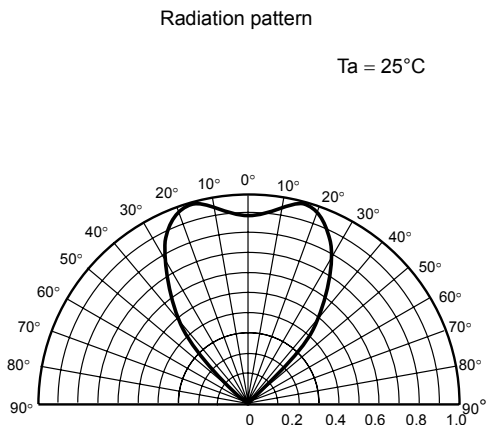
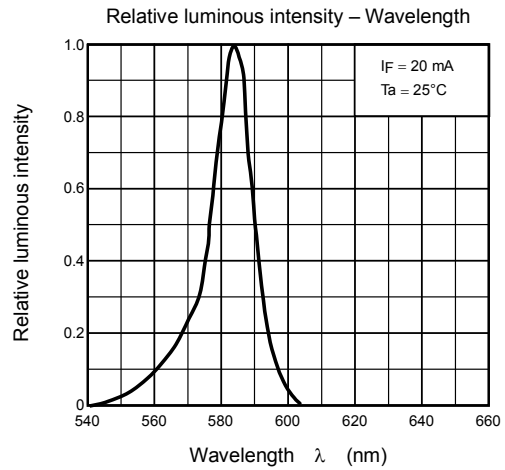
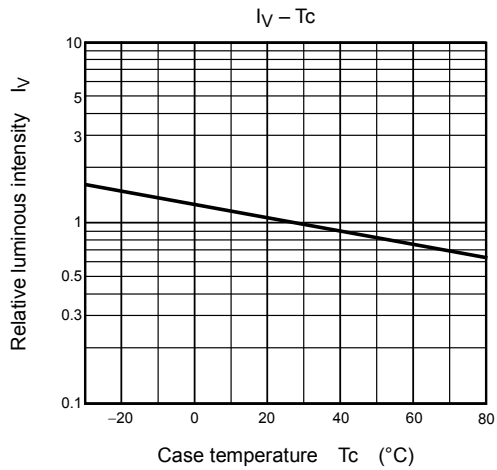
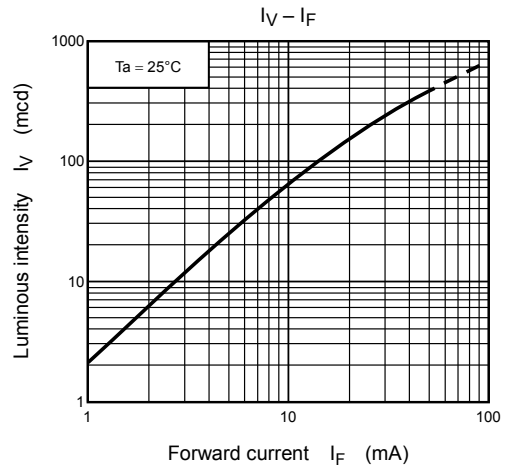
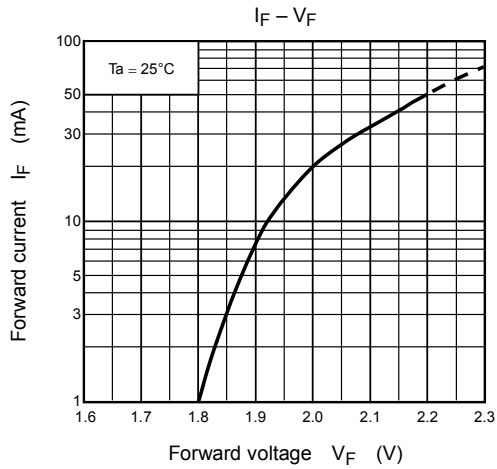
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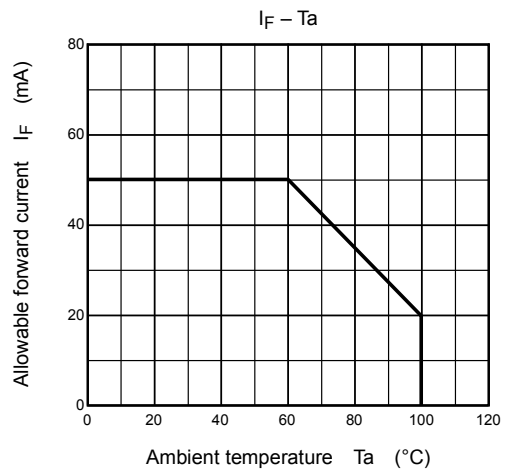
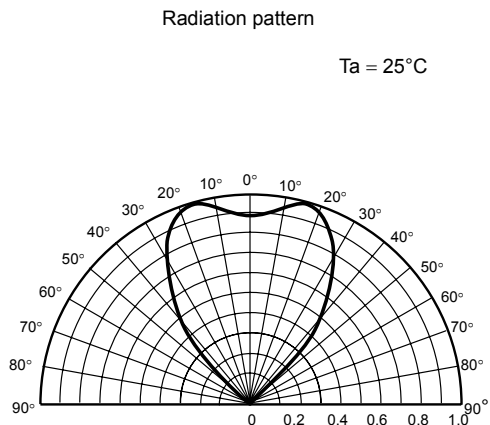
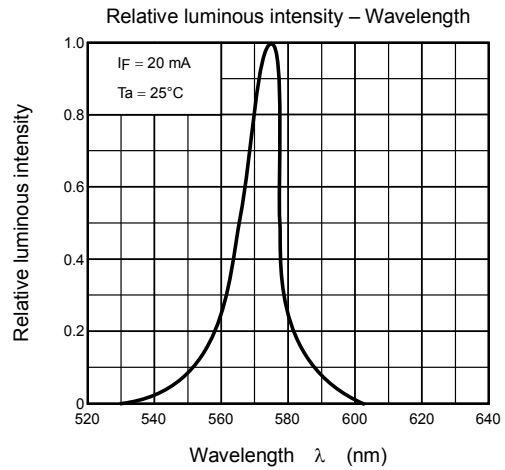
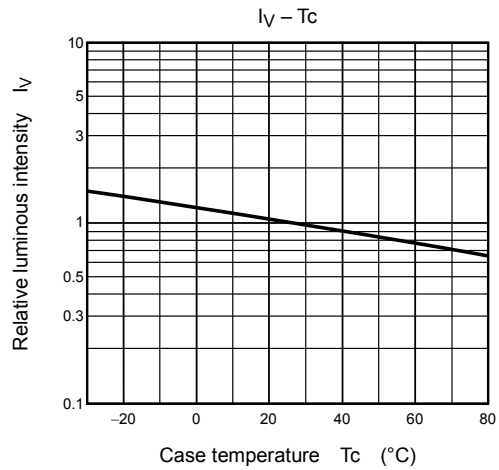
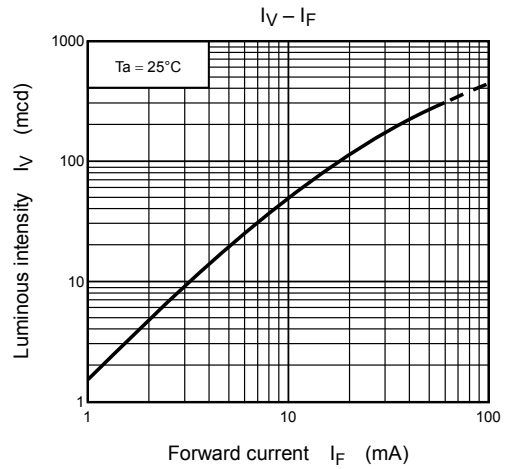
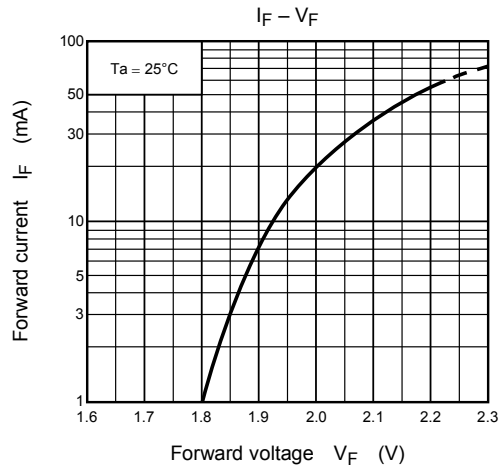
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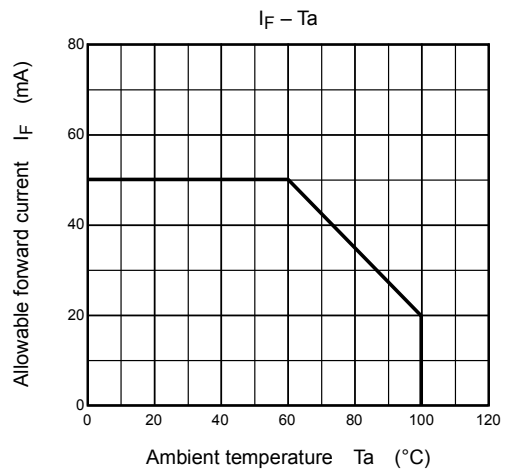
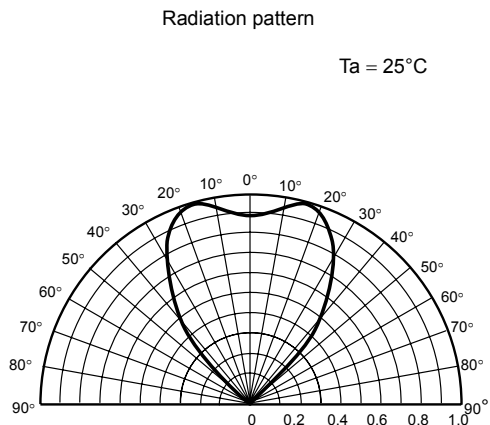
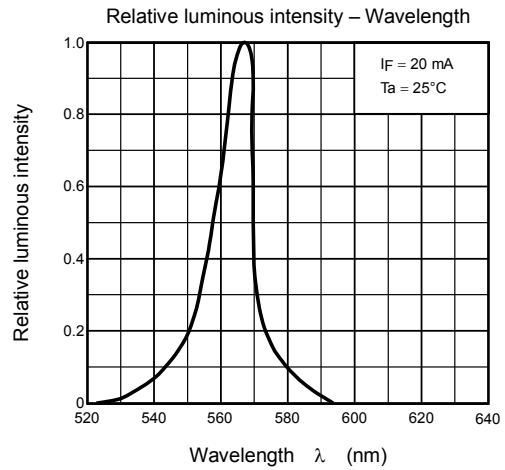
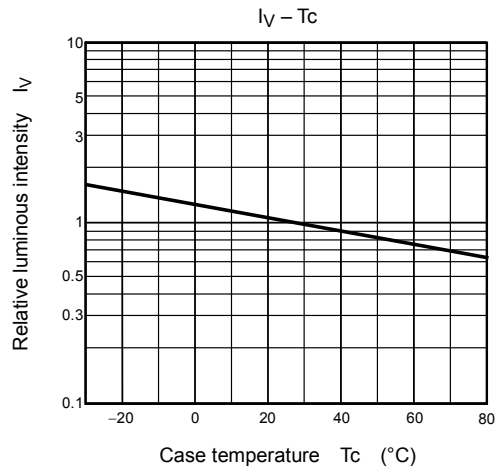
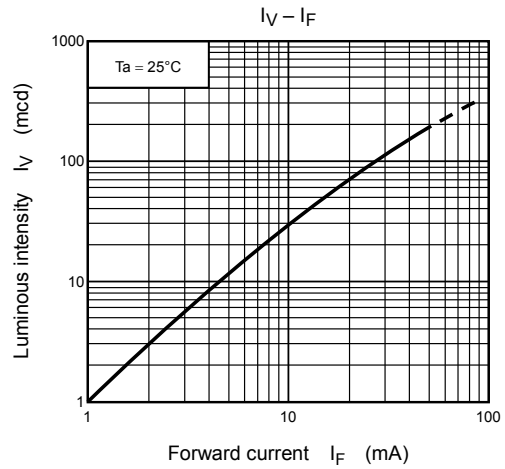
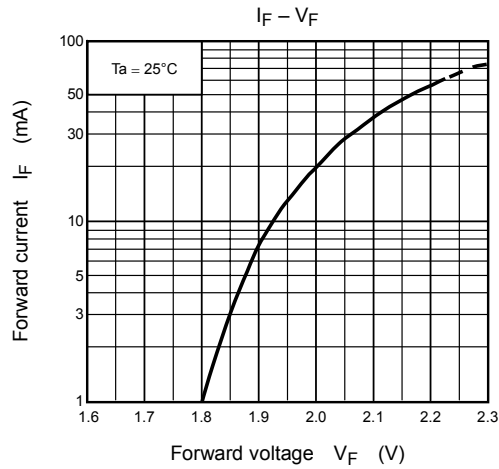
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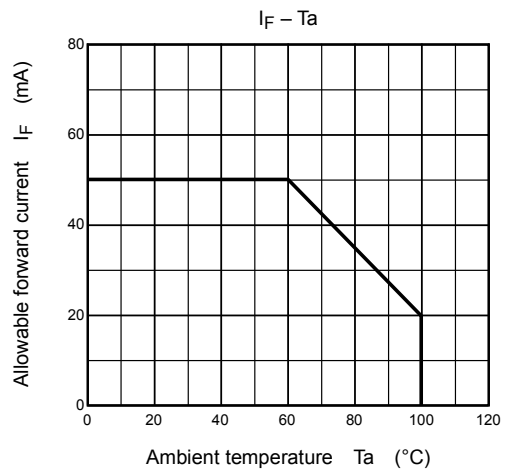
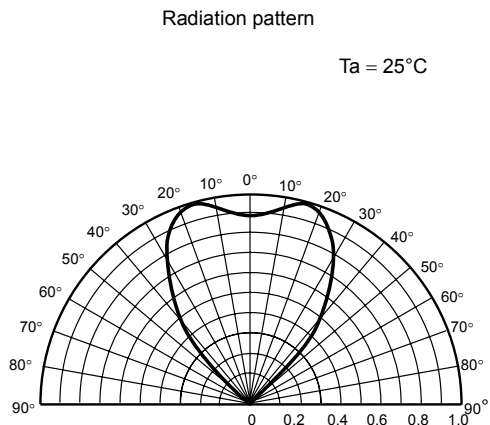
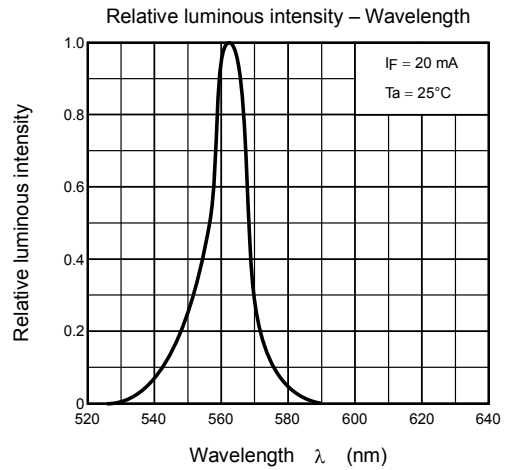
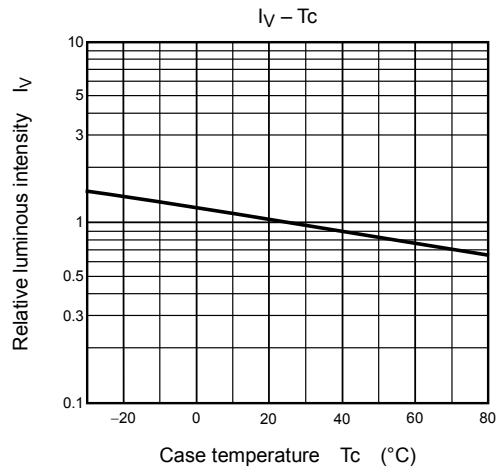
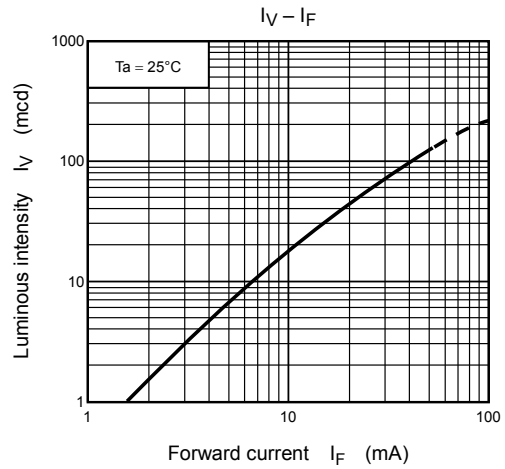
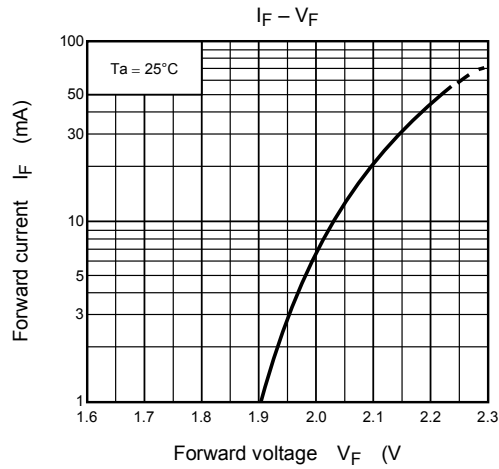
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TLFGE62T(F)



TLPGE62T(F)



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