

ELECTRICAL AND OPTICAL CHARACTERISTICS (Ta = 25°C)

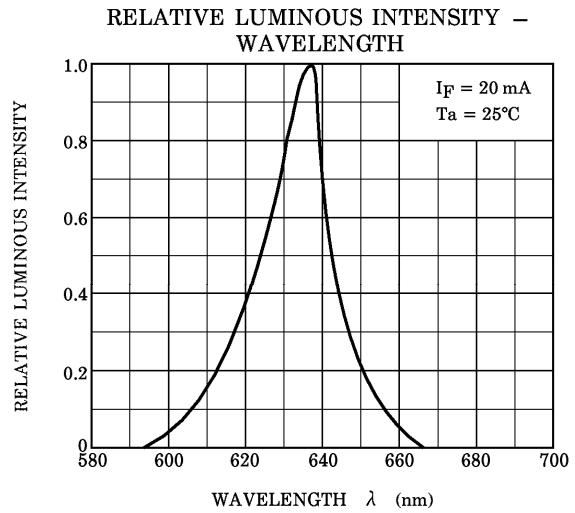
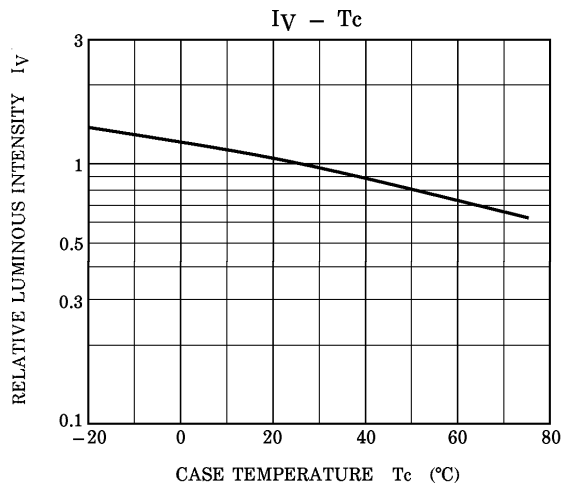
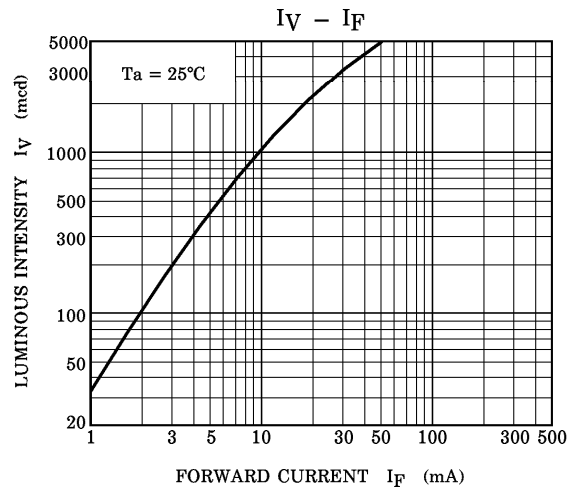
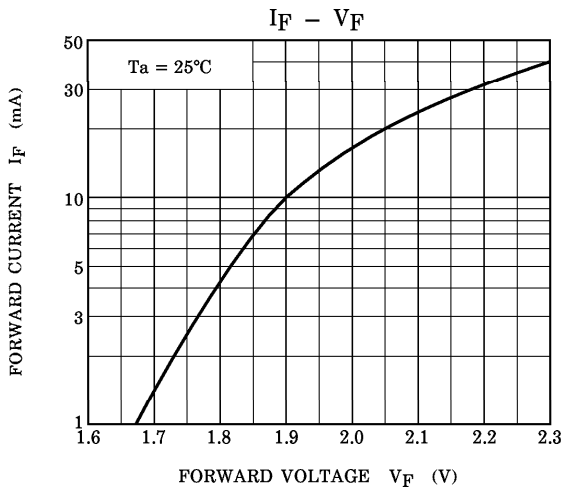
CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN	TYP.	MAX	UNIT
Forward Voltage	V_F	$I_F = 20 \text{ mA}$	—	2.05	2.5	V
Reverse Current	I_R	$V_R = 4 \text{ V}$	—	—	50	μA
Luminous Intensity	I_V	$I_F = 20 \text{ mA}$ (Note)	850	2240	—	mcd
Peak Emission Wavelength	λ_p	$I_F = 20 \text{ mA}$	—	636	—	nm
Spectral Line Half Width	$\Delta\lambda$	$I_F = 20 \text{ mA}$	—	20	—	nm
Dominant Wavelength	λ_d	$I_F = 20 \text{ mA}$	—	626	—	nm

(Note) : Lamps are classified into the following ranks according to their luminous intensity.
 Measurement tolerance for each limit is $\pm 15\%$.
 S : 1000-2000 mcd, T : 1800-3600 mcd, U : 3200-6400 mcd

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.



RADIATION PATTERN

