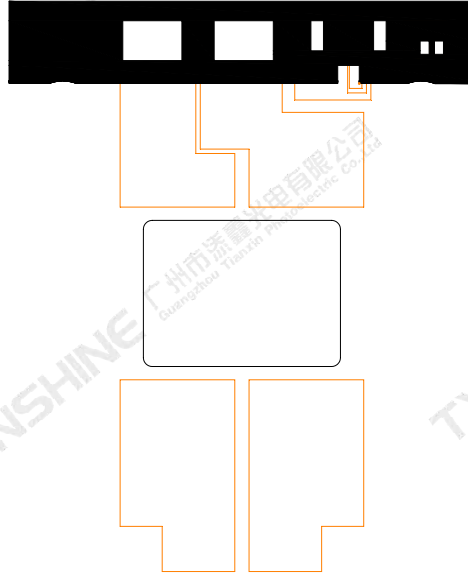




## Package Dimensions:





**Electrical Optical Characteristics**

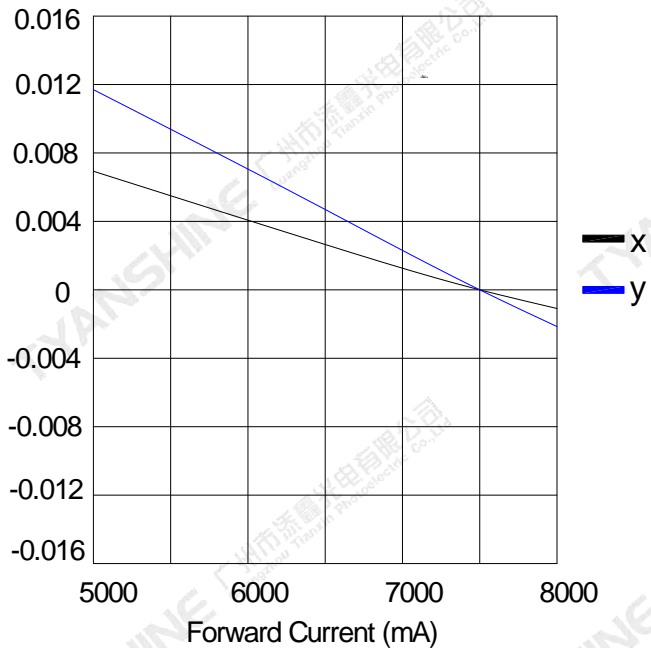
Parameter	Symbol	Condition	Min.	Typ.	Max.	Units	
Luminous Flux	$V$ (If=7.5A)	W1	Ta=27°C	18000	20000	22000	lm
			Ta=85°C	15200	16860	18550	
		W2	Ta=27°C	18000	20000	22000	
			Ta=85°C	15200	16860	18550	
Correlated Colour Temperature	CCT	Ta=27°C	6100	8000	9000	K	
		Ta=85°C	6770	8880	9990		
Forward Voltage	$V_f$ (If=7.5A)	W1	Ta=27°C	35	37	39	V
			Ta=85°C	34	36	38	
		W2	Ta=27°C	35	37	39	
			Ta=85°C	34	36	38	
Viewing Angle at 50% IV	2 1/2	—	—	120	—	Deg	
Spectral Line Half-Width	$\Delta$ (If=7.5A)	Ta=27°C	20	25	30	nm	
		Ta=85°C	25	30	35		
Reverse Current	$I_R$	—	—	—	—	$\mu$ A	
Color Rendering Index	Ra	—	80	82	—	—	
Thermal Resistance Junction to Case	$R_{J-C}$	—	—	0.05	—	K/W	
Temperature Coefficient of Voltage	$V\Delta F/T$ (If=7.5A)	—	—	-16.7	—	mV/°C	
Thermistor(NTC)	Rt25	—	—	10	—	K	

**Notes:**

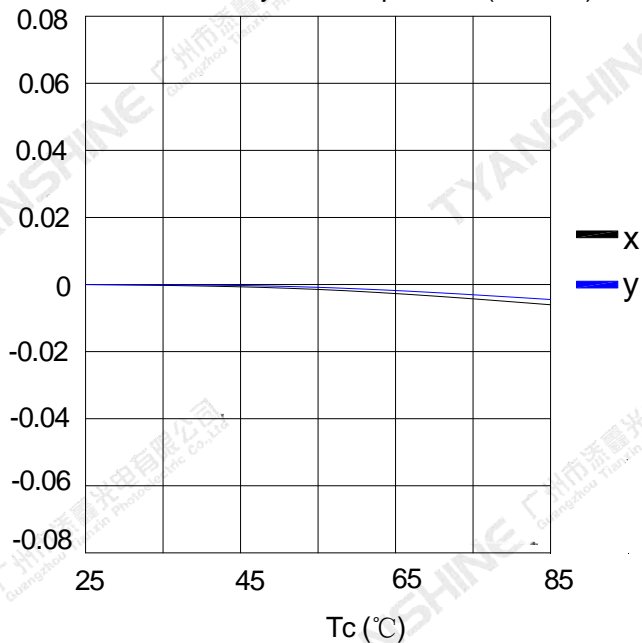
- Luminous intensity is measured with a light sensor and filter combination that approximates the CIE eye-response curve.
- 1/2 is the off-axis angle at which the luminous intensity is half the axial luminous intensity.
- Luminous flux measurement tolerance:±15%.
- Forward voltage measurement tolerance:±0.15V.



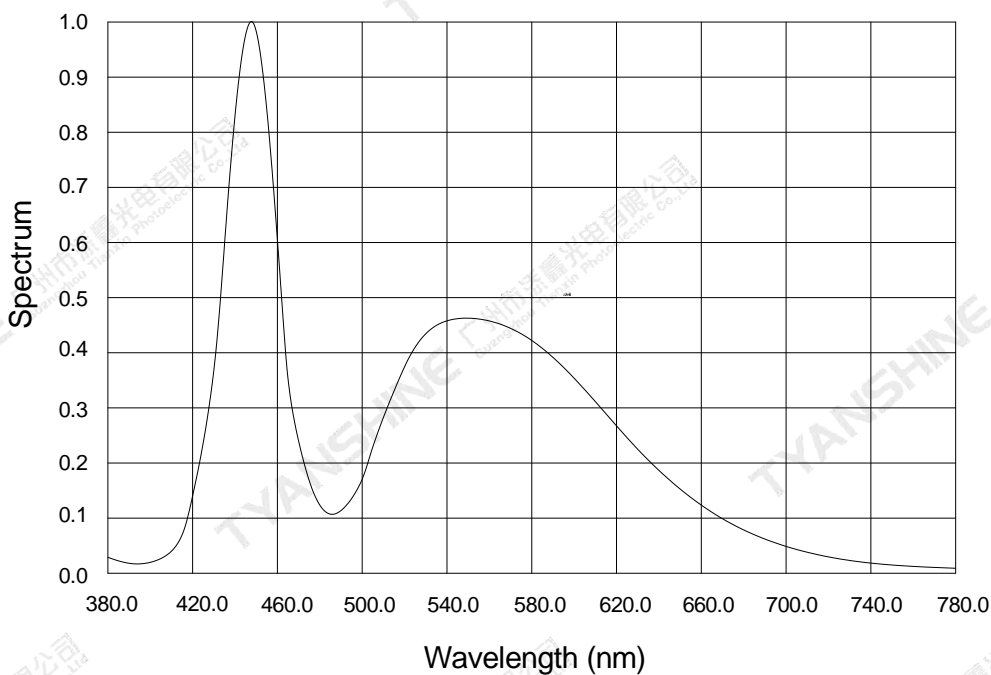
Relative Chromaticity VS. Current



Relative Chromaticity VS. Temperature (IF=7.5A)



Relative Spectral Distribution



**Notes:**

1.  $2 \frac{1}{2}$  is the off axis angle from lamp centerline where the luminous intensity is 1/2 of the peak value.
2. View angle tolerance is  $\pm 5^\circ$ .

## Dimensions For Cannulation And Packaging

Quantity:1 PCS

