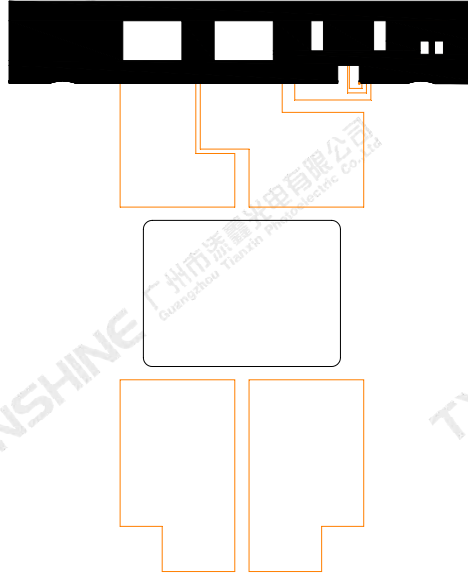


Package Dimensions:



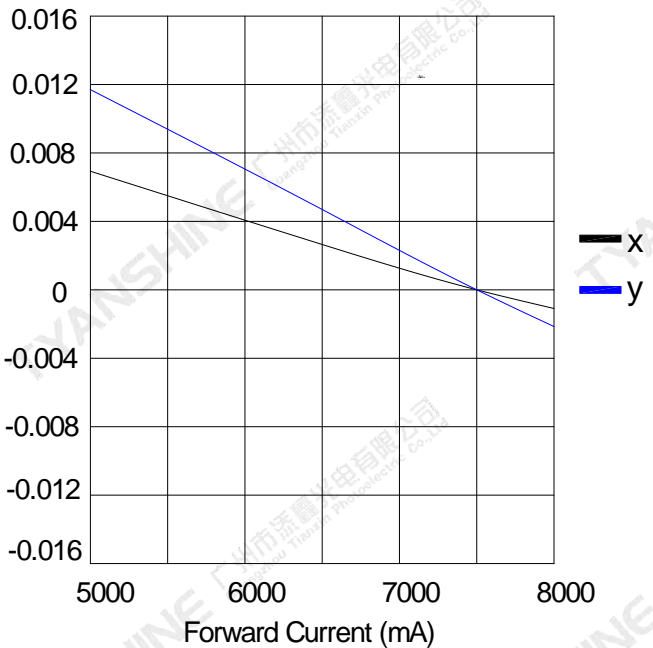
Electrical Optical Characteristics

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	Δ	(If=7.5A)	Ta=27°C	20	25	30	nm
			Ta=85°C	25	30	35	
Reverse Current	I_R	—	—	—	—	μ A	
Color Rendering Index	R_a	—	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	

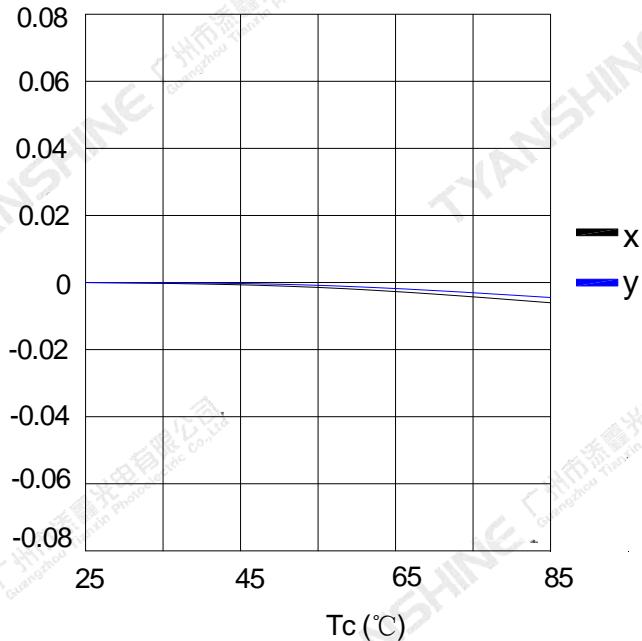
Notes:

- 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.

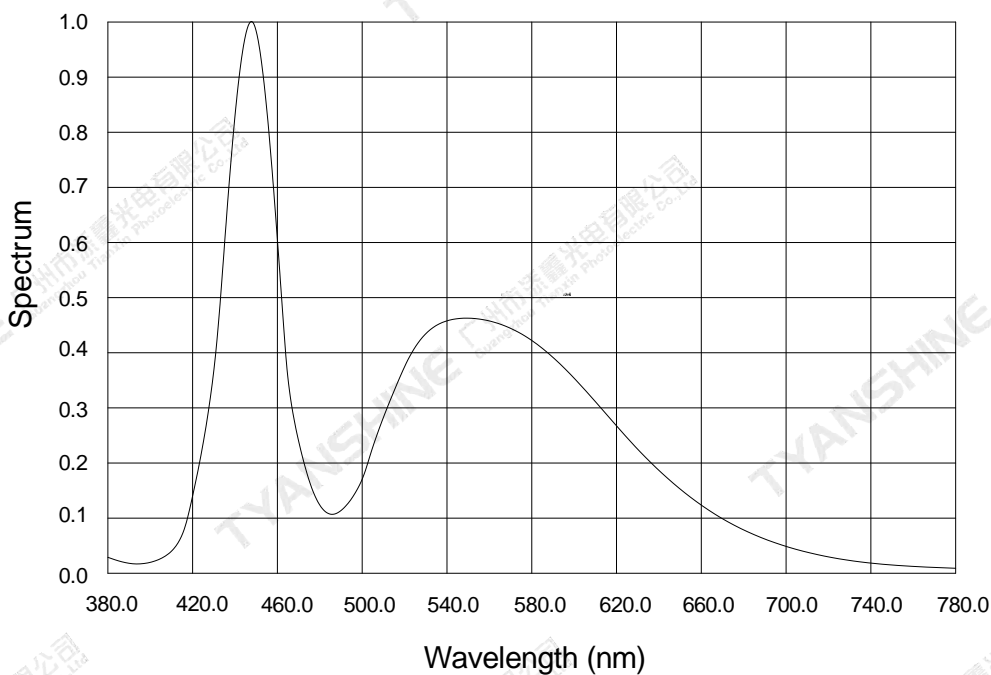
Relative Chromaticity VS. Current



Relative Chromaticity VS. Temperature (IF=7.5A)



Relative Spectral Distribution



Notes:

1. $2\ 1/2$ 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

