



**Characteristics at  $I_f=700mA$  ,  $V_r=5V$  ( $T_a=25^\circ C$ )**

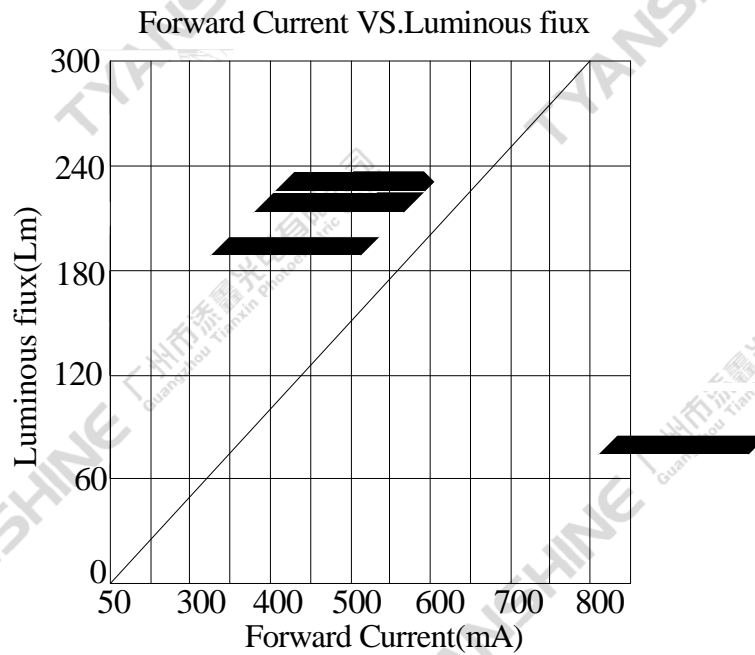
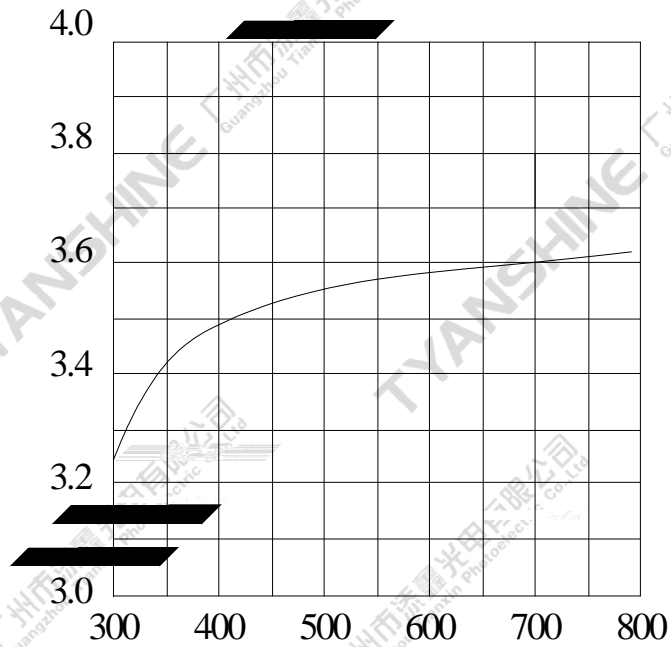
Parameter	Symbol	Values			Units
		Min.	Typ.	Max.	
Luminous Flux	$\phi_v$	205	265	—	lm
Viewing Angle at 50° IV	$2\theta_{1/2}$	—	140	—	Deg
Forward Voltage	$V_f$	3.2	3.6	4.0	V
Correlated Colour Temperature	CCT	2850	3000	3500	K
Reverse Current	$I_R$	—	—	10	$\mu A$
Thermal Resistance Junction to Case	$R\theta_{J-C}$	—	10	—	K/C
Temperature Coefficient of Forward Voltage	$V_f / T$	—	-2	—	mV/
Color Rendering Index	$R_a$	—	—	—	—

**Notes:**

1. Luminous intensity is measured with a light sensor and filter combination that approximates the CIE eye-response curve.
2.  $2\theta_{1/2}$  is the off-axis angle at which the luminous intensity is half the axial luminous intensity
3. The dominant wavelength ( $\lambda_d$ ) is derived from the CIE chromaticity diagram and represents the single wavelength which defines the color of the device.
4. Flux is measured with an accuracy of  $\pm 15\%$ .
5. Forward voltage is measured with an accuracy of  $\pm 0.15V$ .
6. CCT selection acc. to CCT groups and an accuracy of  $\pm 300K$ .

### Typical Electrical / Optical Characteristics Curves

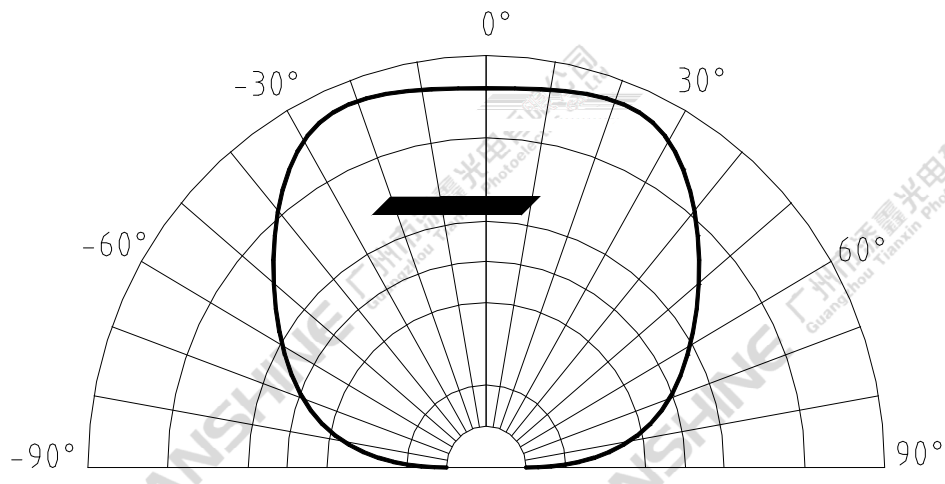
(25 Ambient Temperature Unless Otherwise Noted)



**TYANSHINE**

**天津泰昌光电有限公司**  
Tianjin Taihang Photoelectric Co., Ltd

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