Characteristics at If=700mA ,Vr=5V (Ta=25°C)

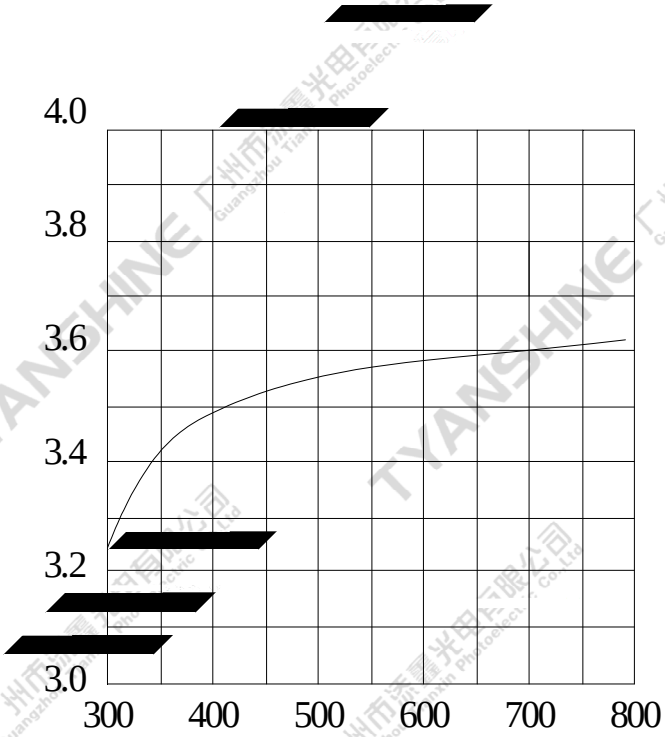
Parameter	Symbol	Values			Units
		Min.	Typ.	Max.	
Luminous Flux	φ_V	205	265	—	lm
Viewing Angle at 50 IV	$2\theta_{1/2}$	—	140	—	Deg
Forward Voltage	V_f	3.2	3.6	4.0	V
Correlated Colour Temperature	CCT	2850	3000	3500	K
Reverse Current	I_R	—	—	10	μA
Thermal Resistance Junction to Case	$R\theta_{J-C}$	—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

Notes:

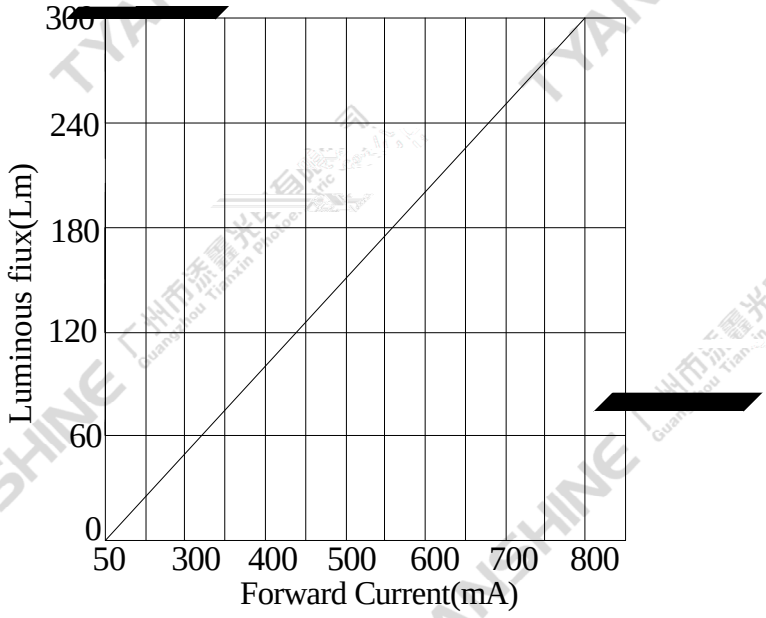
1. Luminous intensity is measured with a light sensor and filter combination that approximates the CIE eye-response curve.
2. θ1/2 is the off-axis angle at which the luminous intensity is half the axial luminous intensity
3. The dominant wavelength (λd) is derived from the CIE chromaticity diagram and represents the single wavelength which defines the color of the device.
4. Flux is measured with an accuracy of ±15%.
5. Forward voltage is measured with an accuracy of ±0.15V.
6. CCT selection acc. to CCT groups and an accuracy of ±300K.

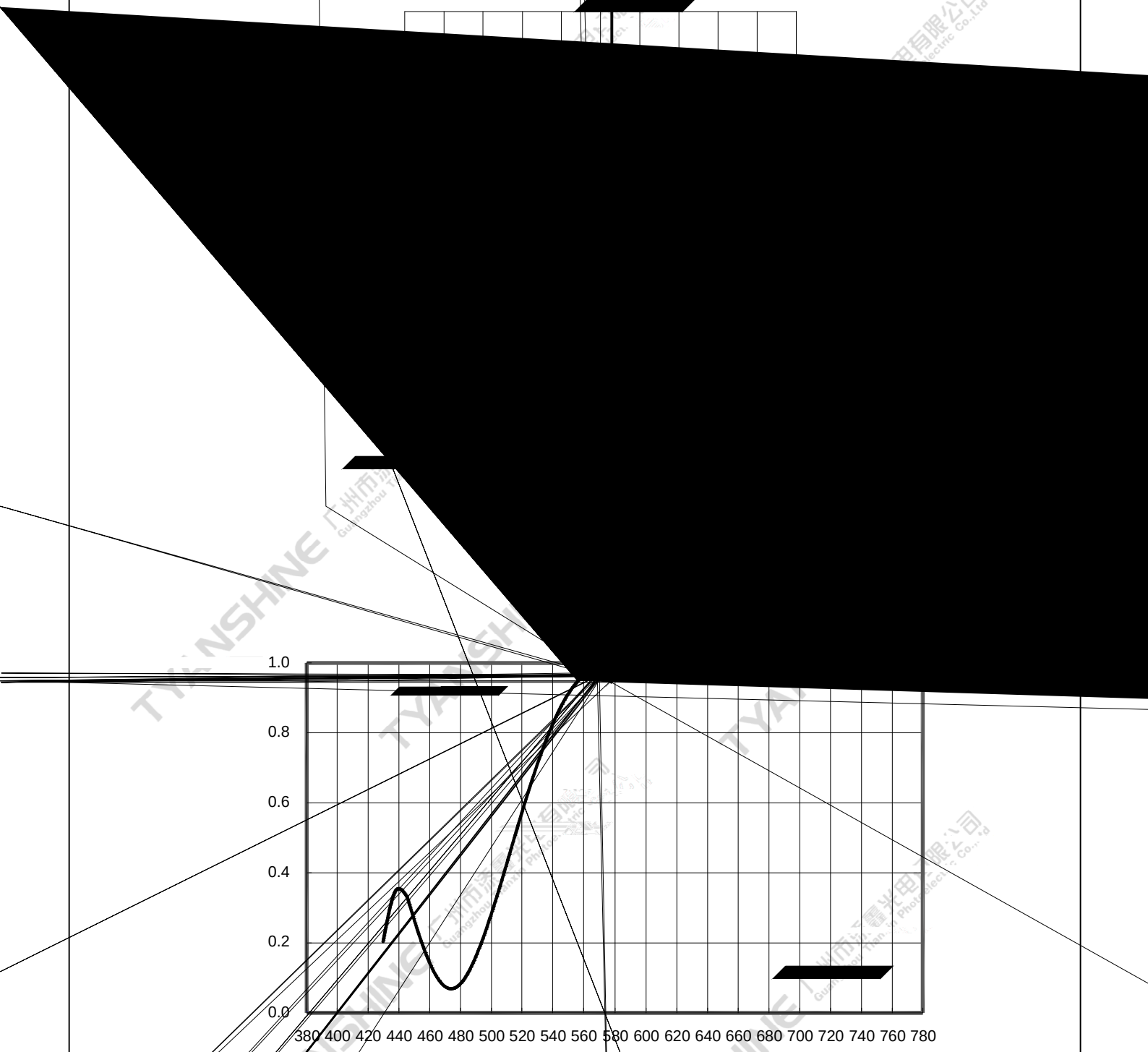
Typical Electrical / Optical Characteristics Curves

(25 Ambient Temperature Unless Otherwise Noted)



Forward Current VS.Luminous fiux




1.0
0.8
0.6
0.4
0.2
0.0
380 400 420 440 460 480 500 520 540 560 580 600 620 640 660 680 700 720 740 760 780