

TX-W3A140-007CU

PRODUCT SPECIFICATION

Approved by:

Checked by:

Prepared by:

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Guangzhou Tianxin Photoelectric Co., Ltd.

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Notes:

- 1. All dimensions are in millimeters (inches).
- 2. Tolerance is ± 0.25 mm (0.01") unless otherwise noted.

Absolute Maximum Ratings at Ta=25

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

Parameter	Symbol	Values			Units
		Min.	Typ.	Max.	
Luminous Flux	N_v	270	300	—	lm
Viewing Angle at 50° IV	$2\ 1/2$	—	140	—	Deg
Forward Voltage	V_f	2.9	3.2	—	V
Correlated Colour Temperature	CCT	7500	8500	9500	K
Reverse Current	I_R	—	—	10	μA
Thermal Resistance Junction to Case	R_{J-C}	—	10	—	K/W
Temperature Coefficient of Forward Voltage	$V_{F/T}$	—	-2	—	mV/

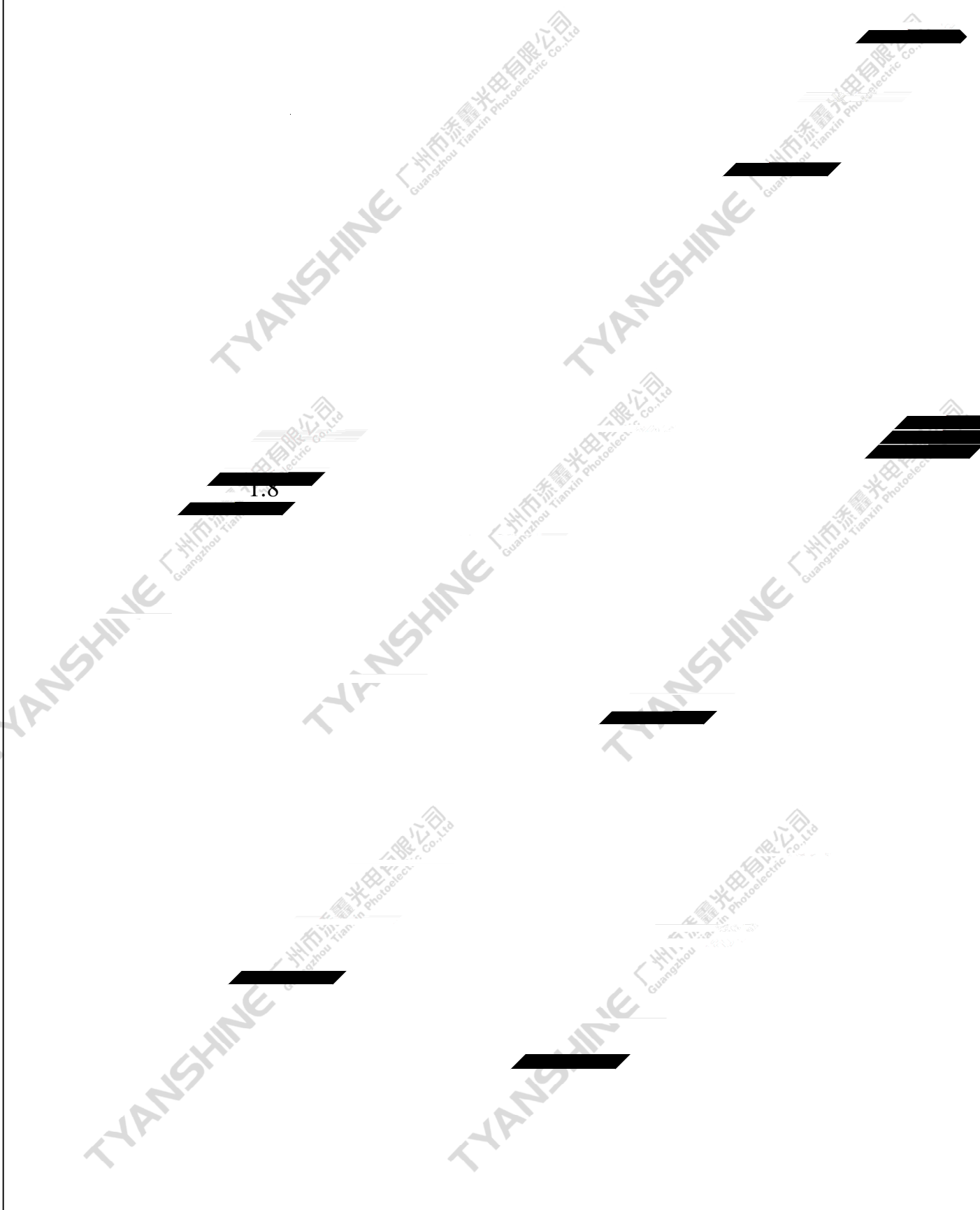
Notes:

- 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
- The dominant wavelength (λ_d) is derived from the CIE chromaticity diagram and represents the single wavelength which defines the color of the device.
- Flux is measured with an accuracy of $\pm 15\%$.
- Forward voltage is measured with an accuracy of $\pm 0.15V$.
- CCT selection acc. to CCT groups and an accuracy of $\pm 300K$.

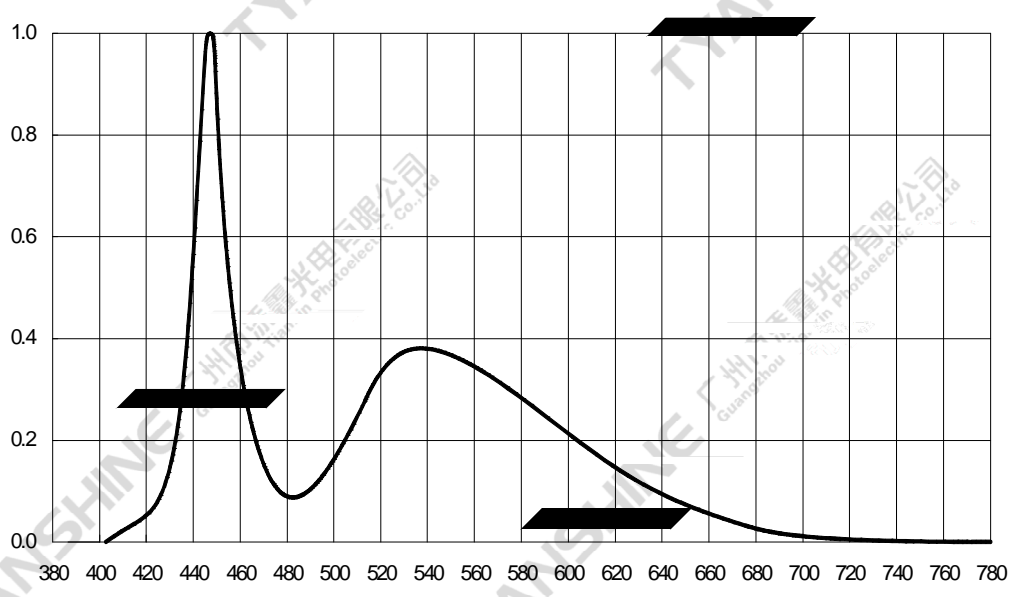
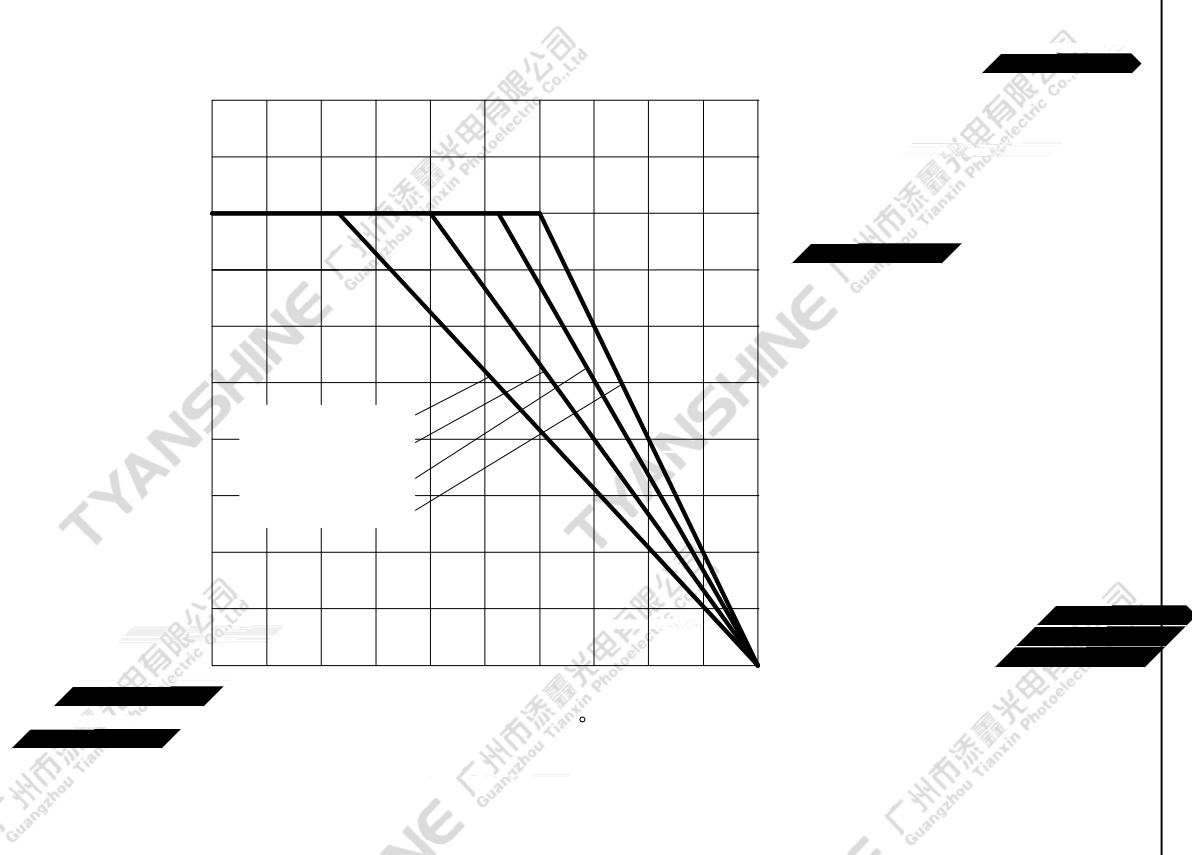


Typical Electrical / Optical Characteristics Curves

(25 Ambient Temperature Unless Otherwise Noted)



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