

TX-W3A140-007CU

PRODUCT SPECIFICATION

Approved by:

Checked by:

Prepared by:

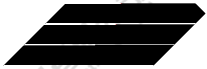
Part No.	TX-W3A140-007CU	Spec No.	WKF-BA3125	Page	1 of 8
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Guangzhou Tianxin Photoelectric Co., Ltd.



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Notes:

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

Absolute Maximum Ratings at Ta=25

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

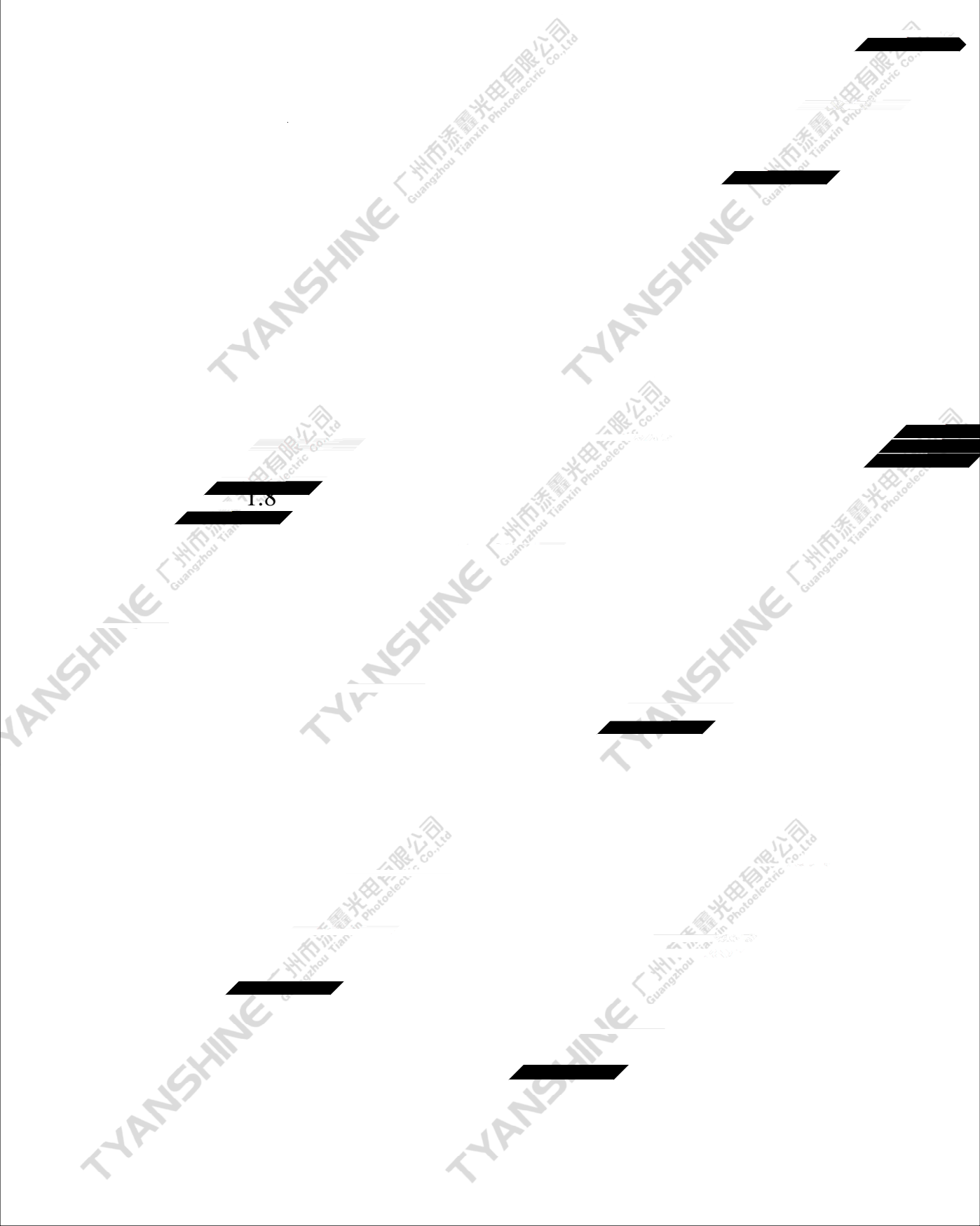
Parameter	Symbol	Values			Units
		Min.	Typ.	Max.	
Luminous Flux	N <sub>v</sub>	270	300	—	lm
Viewing Angle at 50° IV	2 1/2	—	140	—	Deg
Forward Voltage	V <sub>f</sub>	2.9	3.2	—	V
Correlated Colour Temperature	CCT	7500	8500	9500	K
Reverse Current	I <sub>R</sub>	—	—	10	μA
Thermal Resistance Junction to Case	R <sub>J-C</sub>	—	10	—	K/W
Temperature Coefficient of Forward Voltage	V <sub>F/T</sub>	—	-2	—	mV/

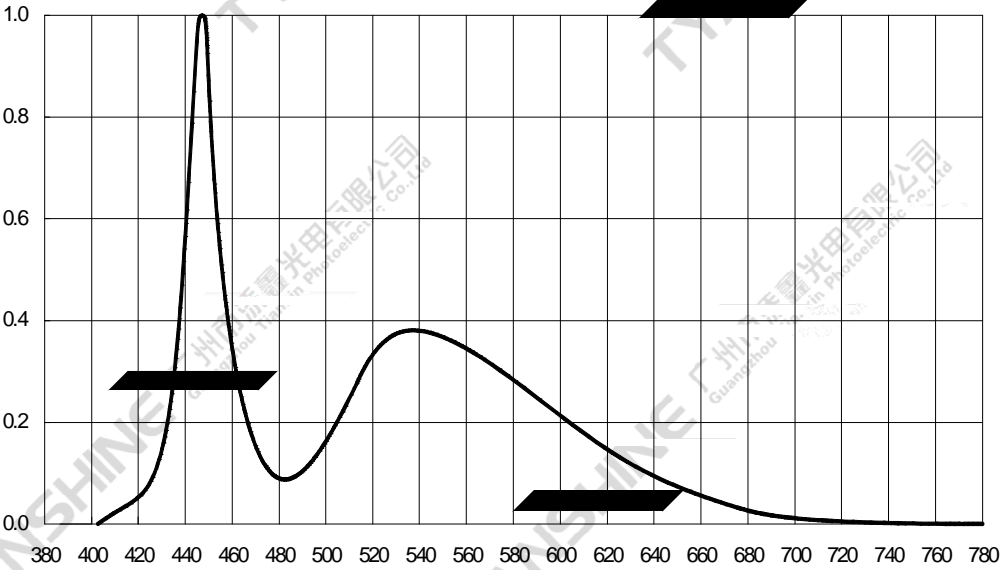
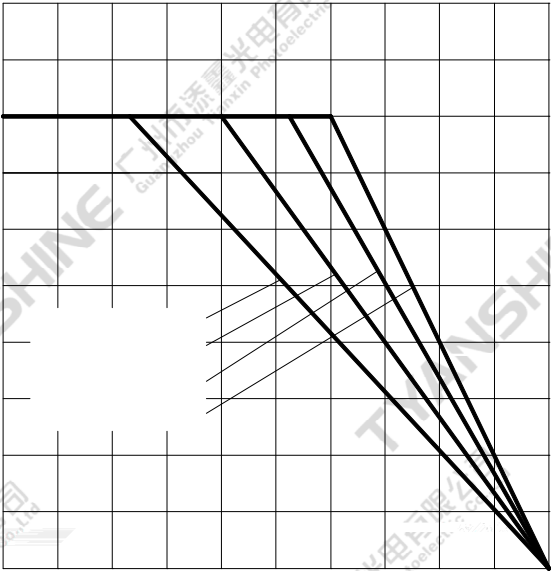
Notes:

1. Luminous intensity is measured with a light sensor and filter combination that approximates the CIE eye-response curve.
2. 1/2 is the off-axis angle at which the luminous intensity is half the axial luminous intensity
3. The dominant wavelength ( λ<sub>d</sub>) 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)





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