TX-G3A140-010G

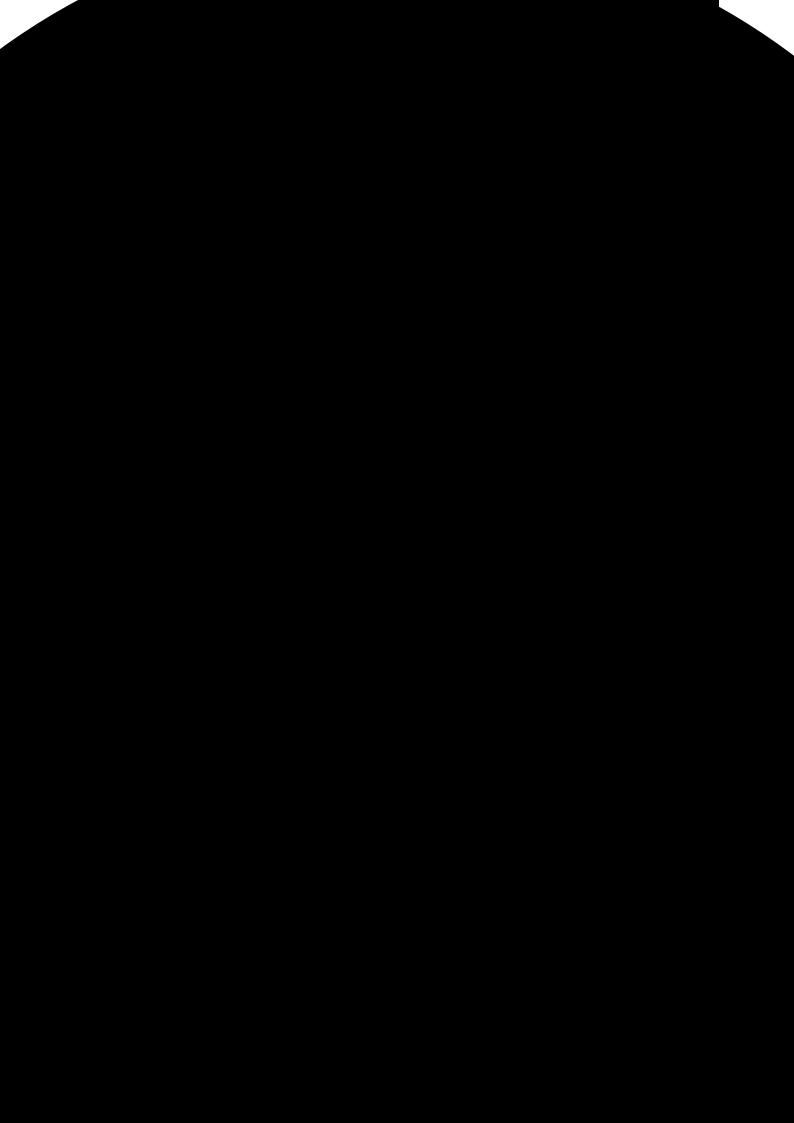
PRODUCT SPECIFICATION

Approved by:

Checked by:

Prepared by:

Part No. TX-G3A140-010G Spec No. WKF-BA3070 Page 1 of 6



TYANSHINE

Notes:

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

Part No. TX-G3A140-010G Spec No. WKF-BA3070 Page 3 of 6



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

Parameter	Symbol	Values			l leite
		Min.	Typ.	Max.	Units
Luminous Flux	Φν	175	220		lm
Viewing Angle at 50 IV	201/2	(c)	140		Deg
Peak Emission Wavelength	λр	513	515	523	nm
Dominant Wavelength	λd	520	522	530	nm
Spectral Line Half-Width	λ	30	35	40	nm
Forward Voltage	V _f	3.2	3.6	3.8	V
Reverse Current	I _R	0		10	μA
Thermal Resistance Junction to Case	Rθ _{JC}	ARE CO	11.2		ΚW
Temperature Coefficient of Forward Voltage	V F/T	A Judio le C	-2	And a	mV/

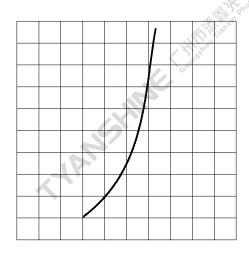
Notes:

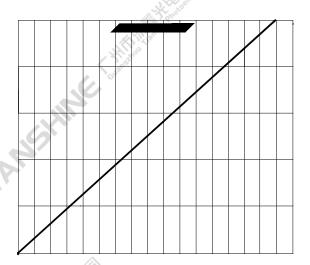
- 1. Luminous intensity is measured with a light sensor and filter combination that approximates the CIE eye-response curve.
- $2.\theta_{1/2}$ is the off-axis angle at which the luminous intensity is half the axial luminous intensity
- 3. The dominant wavelength (λd) is derived from the CIE chromaticity 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.

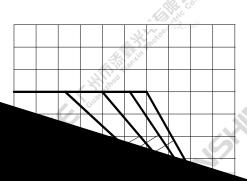
Part No.	TX-G3A140-010G	Spec No.	WKF-BA3070	Page	4 of 6
----------	----------------	----------	------------	------	--------

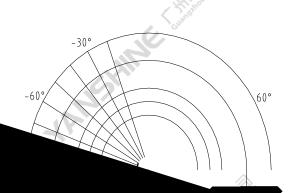
Typical Electrical / Optical Characteristics Curves

(25 Ambient Temperature Unless Otherwise Noted)









TYANSHINE

Part No. TX-G3A140-010G Spec No. WKF-BA3070 Page 6 of 6