



TX-G3A140-010G



PRODUCT SPECIFICATION



Approved by: _____

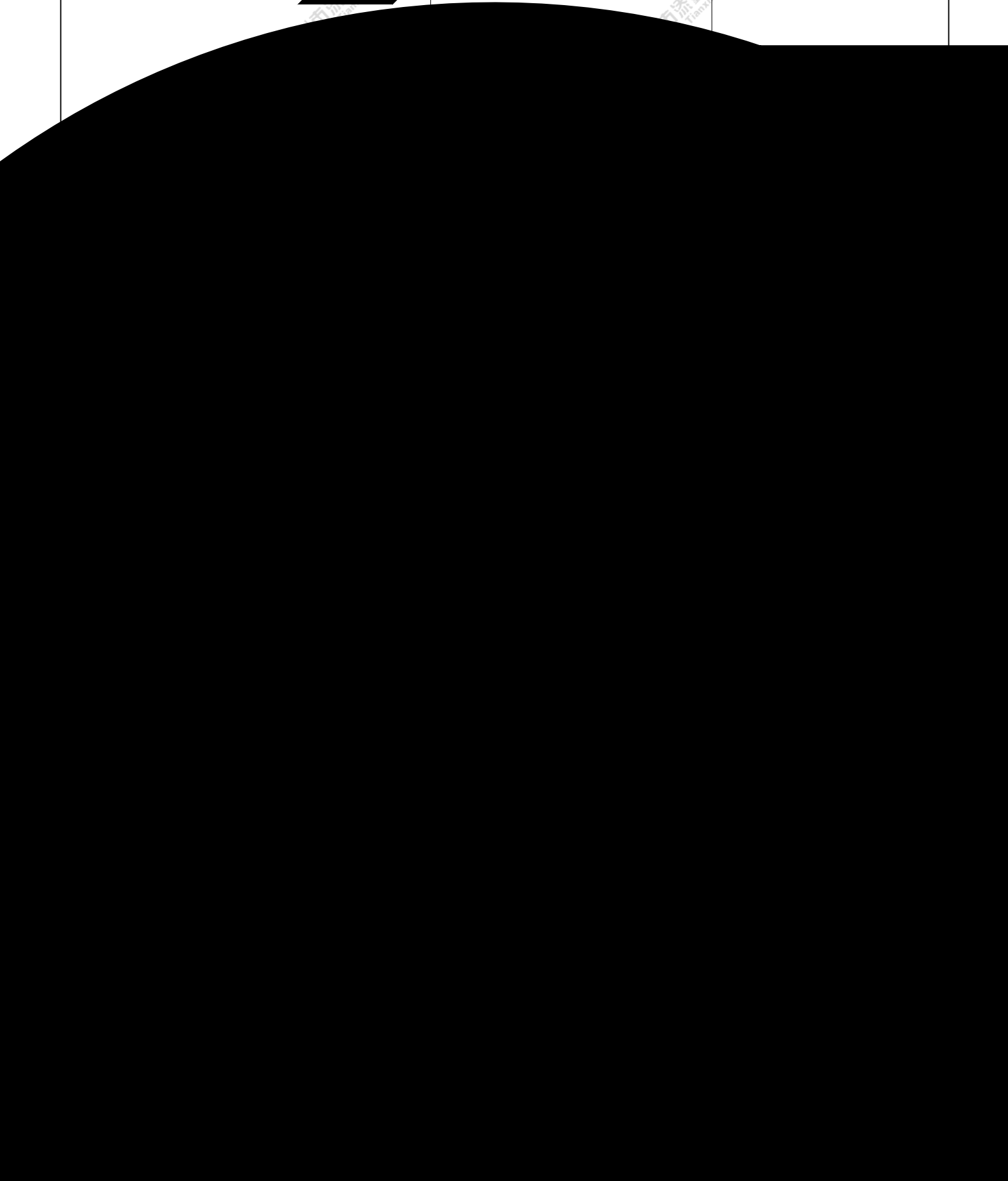
Checked by: _____

Prepared by: _____

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TYANSHINE

广州市天善光电有限公司



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Tianshan Photoelectric Co., Ltd.

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Guangzhou Tianxin Photoelectric Co., Ltd.

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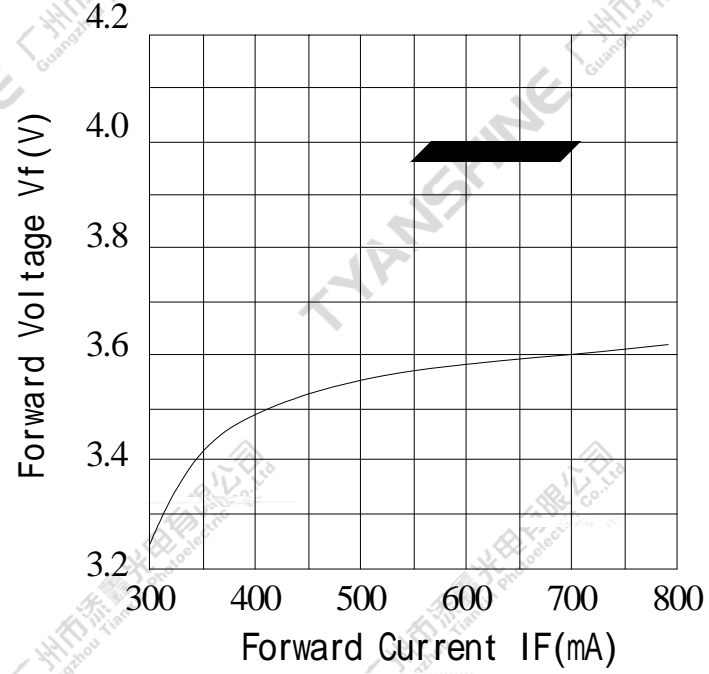
Characteristics at $I_f=700mA$, $V_r=5V$ ($T_a=25^\circ C$)

Parameter	Symbol	Values			Units
		Min.	Typ.	Max.	
Luminous Flux	N_v	175	220	—	lm
Viewing Angle at 50 μ m IV	$2\ 1/2$	—	140	—	Deg
Peak Emission Wavelength	λ_p	—	515	523	nm
Dominant Wavelength	λ_d	520	522	530	nm
Spectral Line Half-Width	$\Delta\lambda$	30	35	40	nm
Forward Voltage	V_f	3.2	3.6	3.8	V
Reverse Current	I_R	—	—	10	μA
Thermal Resistance Junction to Case	R_{j-c}	—	—	—	$^\circ C/W$

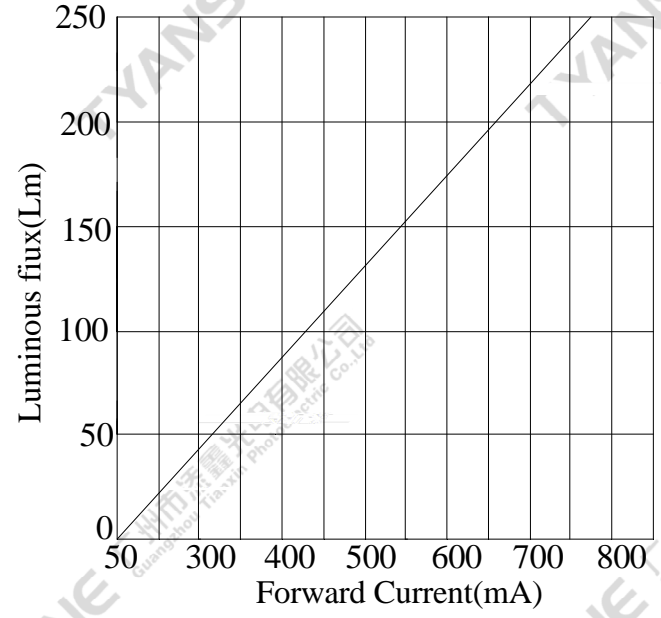
Typical Electrical / Optical Characteristics Curves

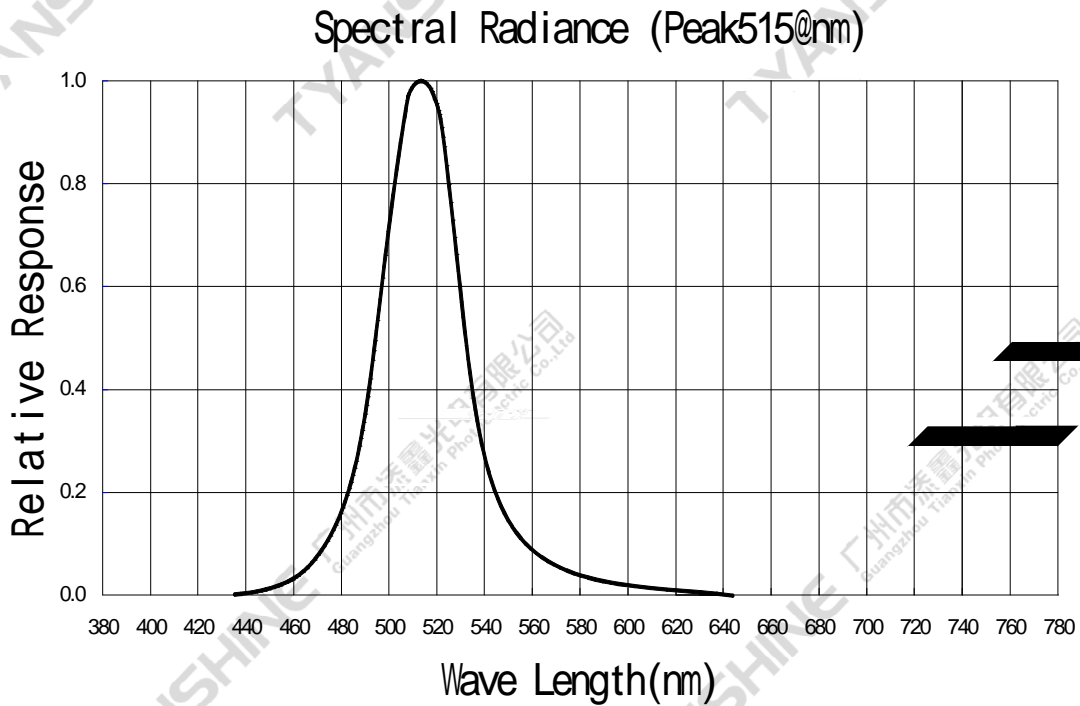
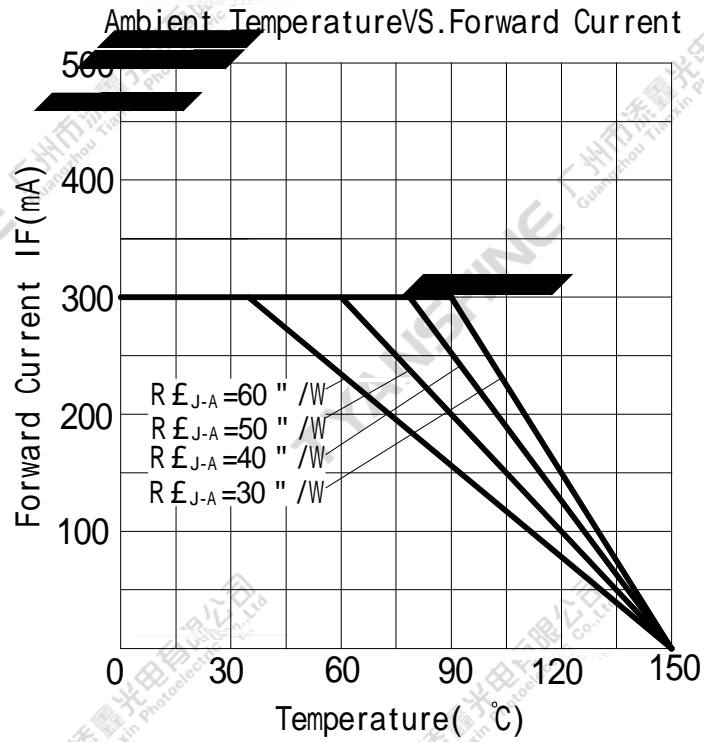
(25 " Ambient Temperature Unless Otherwise Noted)

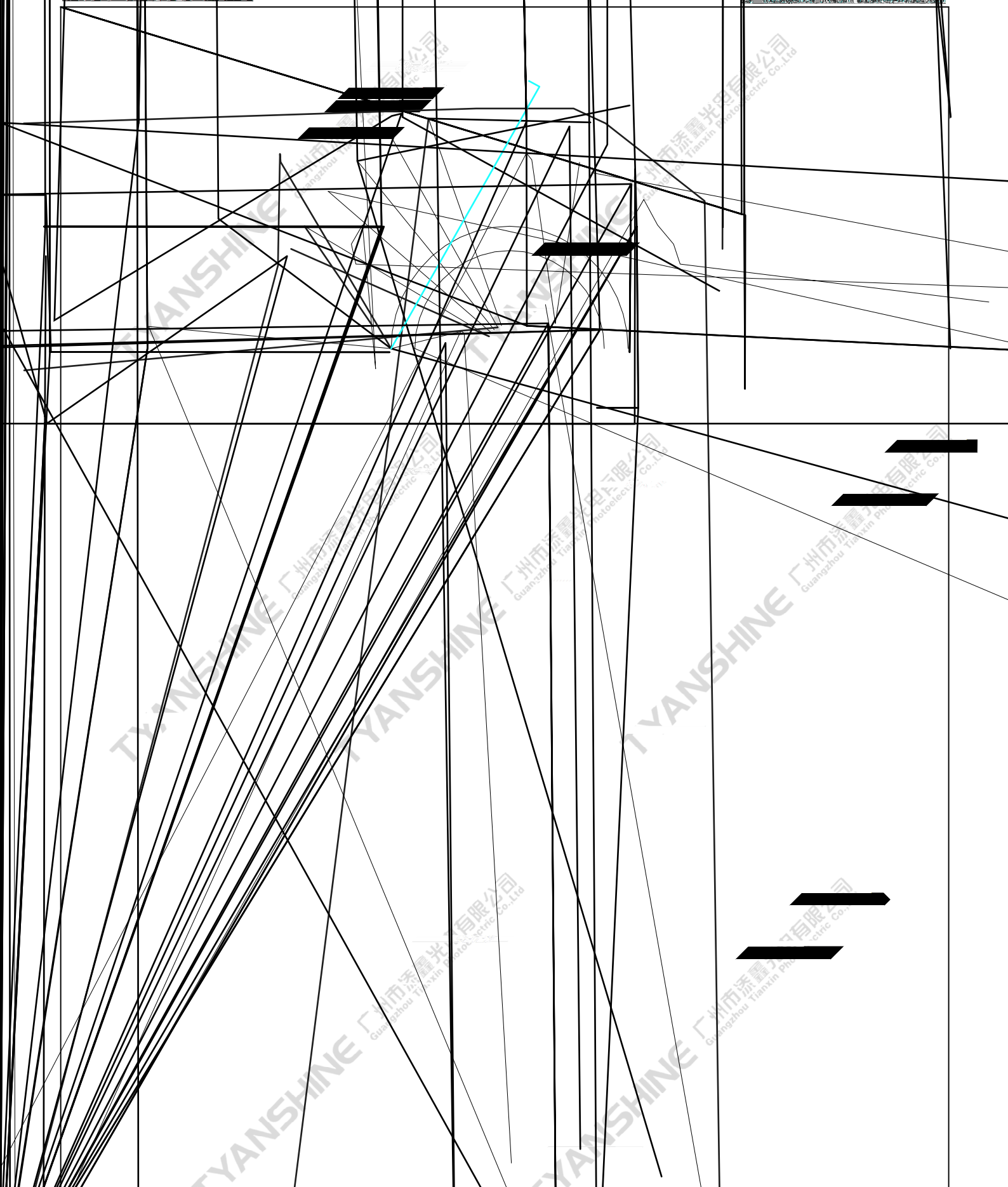
Forward Current VS.Forward Voltage



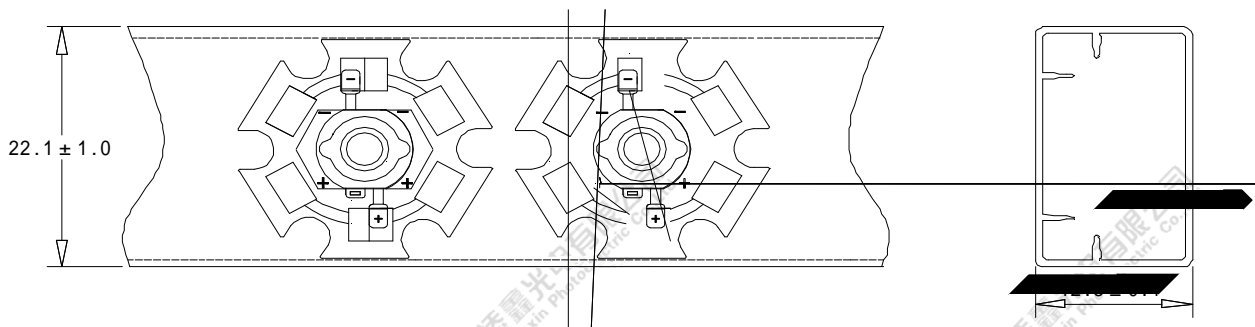
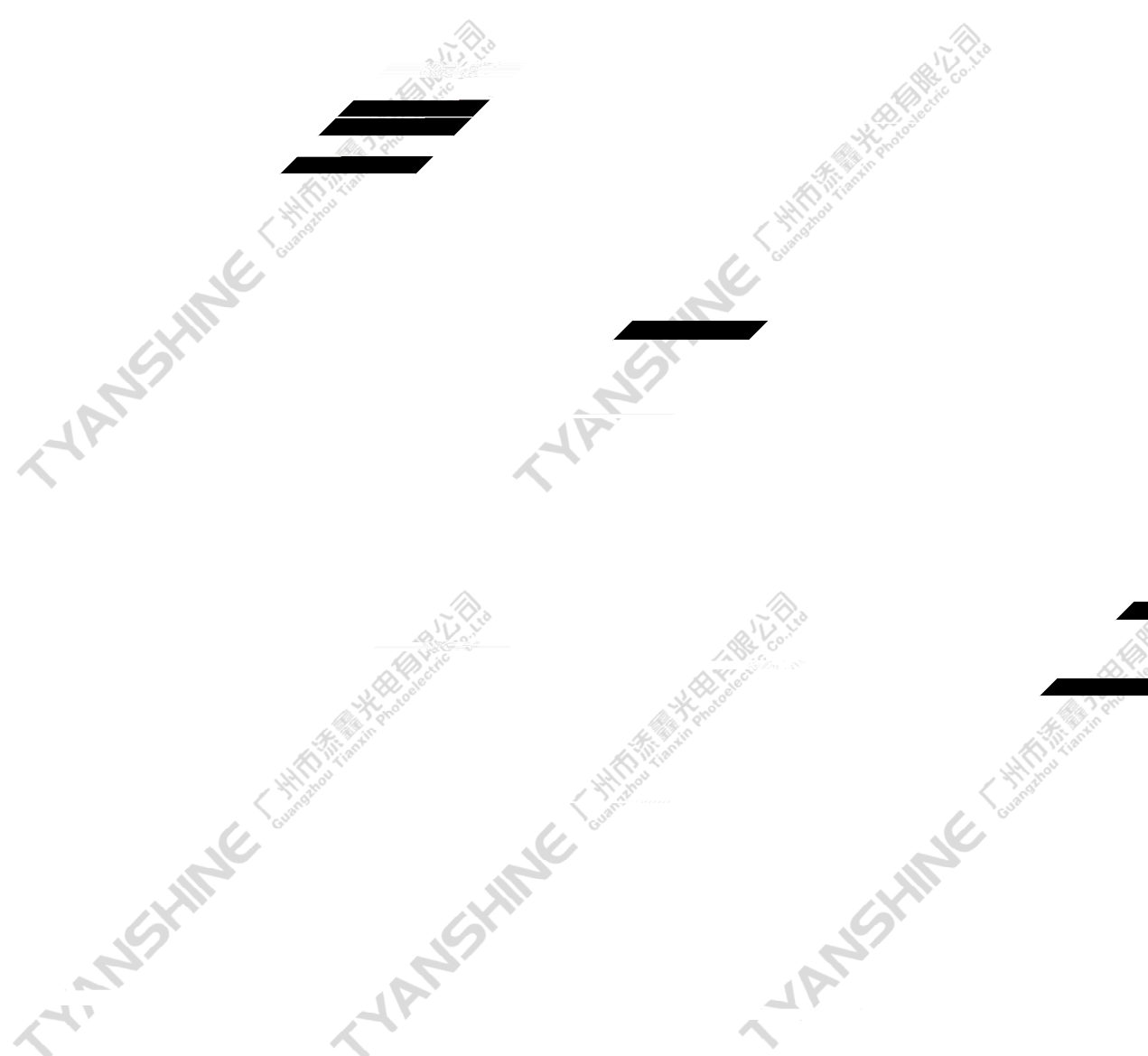
Forward Current VS.Luminous flux







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