

-3535G5FC120- G C, D34-03F

D C E C I F I C A I

F :

- ◆ F celle a ii g hea f LED chi e a i g de 1.5 A.
- ◆ High l i
- ◆ N UV.
- ◆ E ca la ed a e i a l a e e i e e all ce ified a d e e e i e e a l e i e e .

C M :

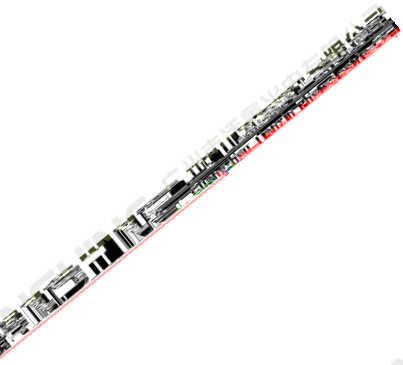
- ◆ GaN

E C :

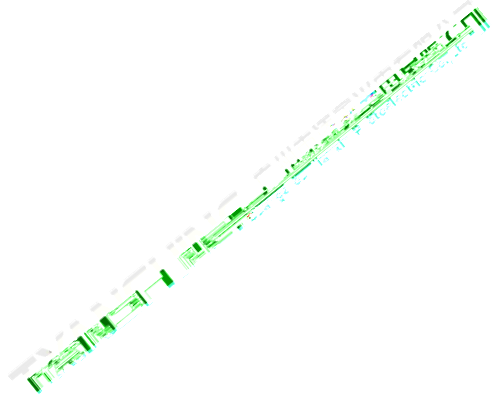
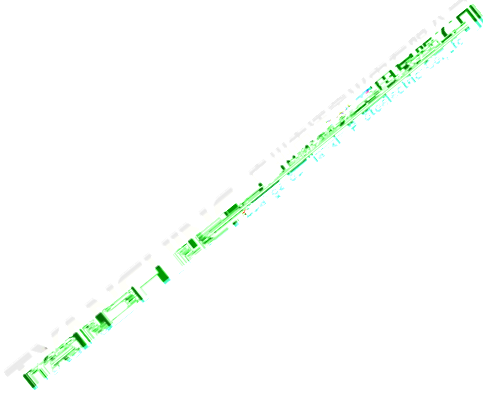
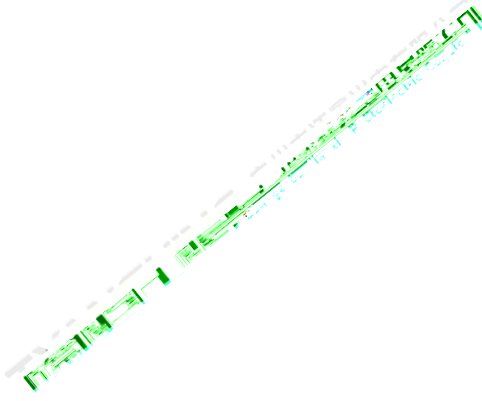
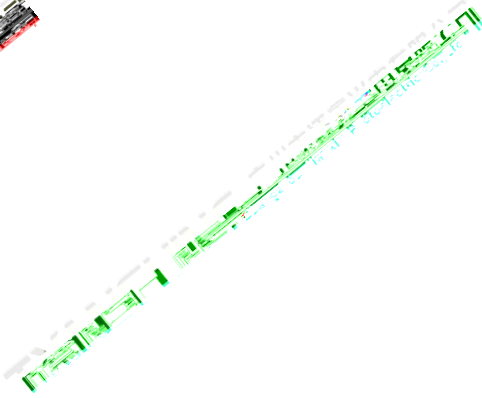
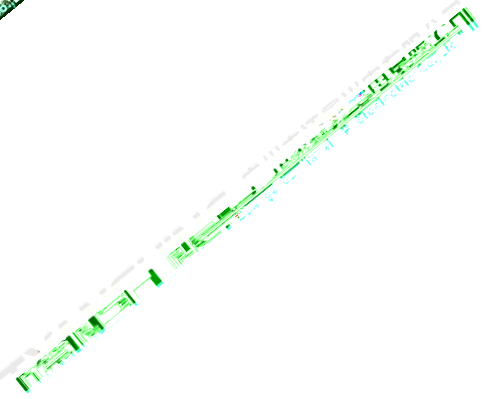
- ◆ G ee

A :

- ◆ P able Fla high
- ◆ Ga de ligh i g
- ◆ Ge e al Ligh i g



苏州赛业电子有限公司
Suzhou Saiye Electronics Co., Ltd.



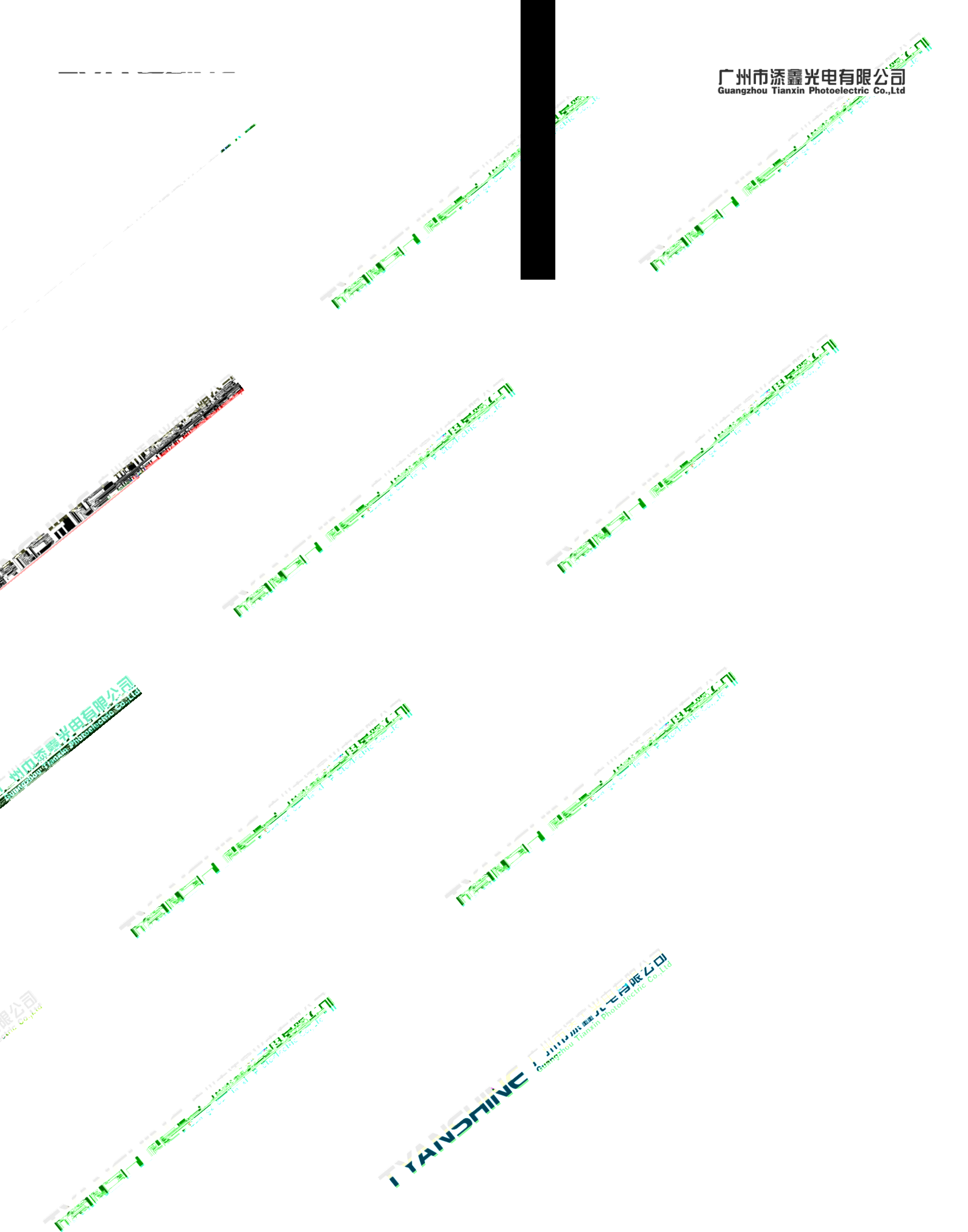
A M (=25℃)

Forward Current	IF	1500	A
Reverse Voltage	VR	5	V
Reverse Current	IR	2	A
Power Dissipation	PD	5400	W
Junction Temperature	Tj	150	℃
Electrostatic Discharge Threshold (ESD)	ESD	2000	V
Storage Temperature	Tg	-40 +70	℃
Operating Temperature	T	-30 +85	

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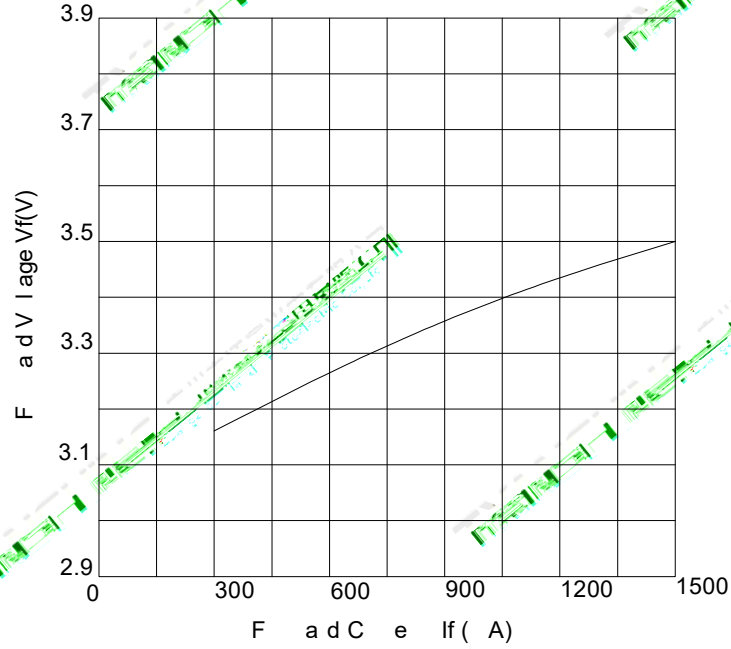
1. Specific area of the package is indicated.
2. The data here is specific to the reference conditions and should be used as a guide only.
3. Protection of ESD:

STATIC SHIELD Electrostatic discharge protection for the LED. It is recommended to use a static shield for the LED. All devices, especially those used in high-voltage applications, should be protected.

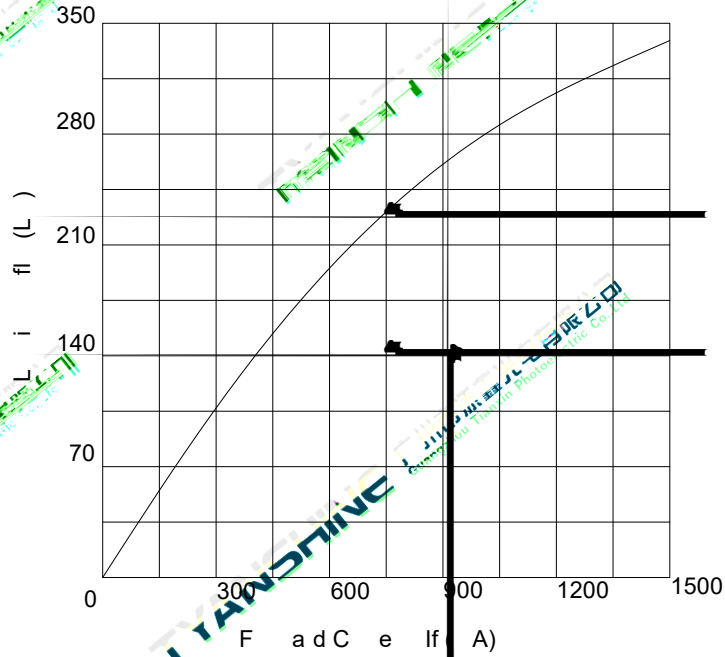


E I C C
(25°C Ambient Temperature)

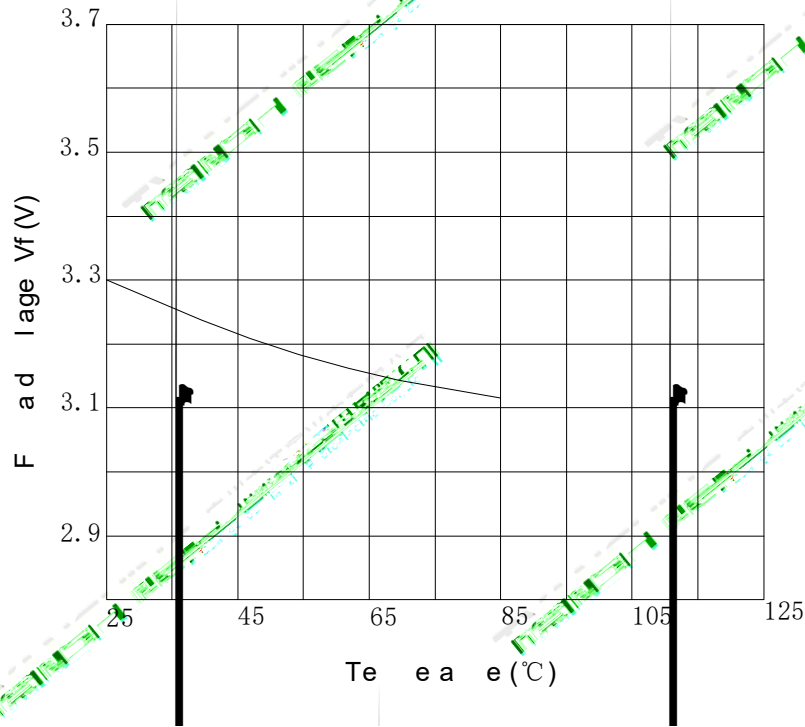
Forward Voltage VS. Forward Current



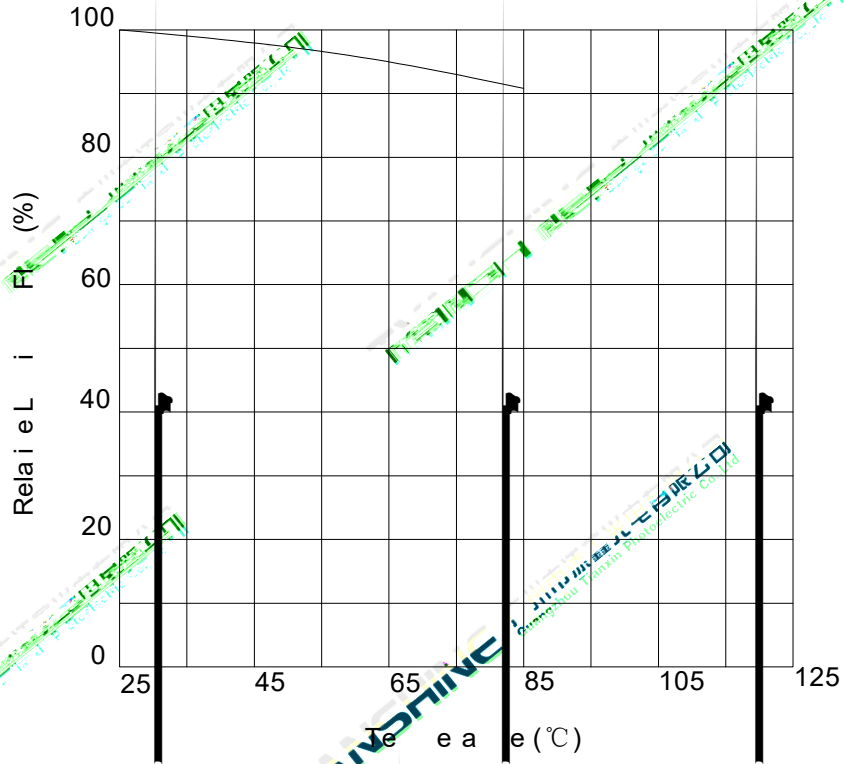
Forward Current VS. Light Intensity



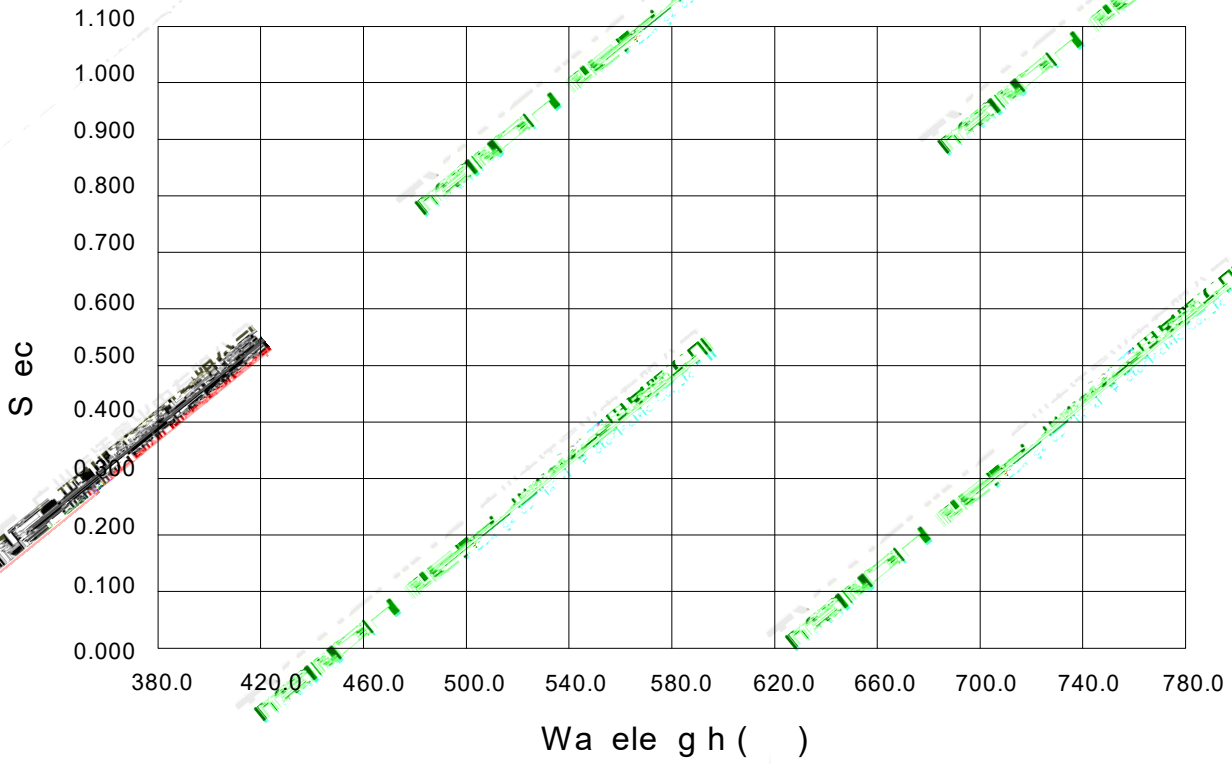
Temperature VS. Forward Voltage (IF=700 mA)



Temperature VS. Relative Luminous Flux (IF=700 mA)



Relative Spectral Distribution



E

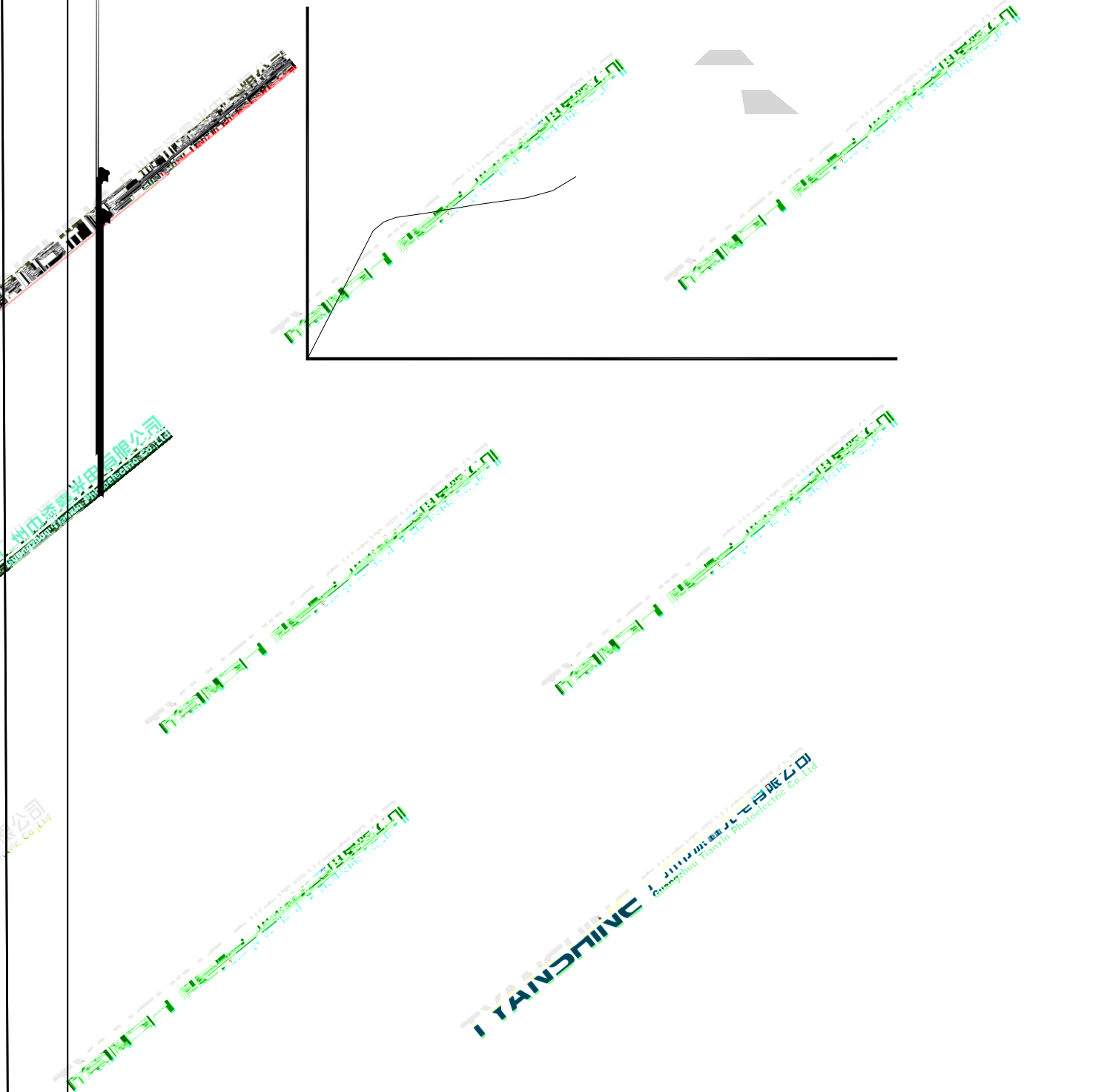
C

Temperature: 5°C 30°C (41°F 86°F)

Humidity: 60% RH Max.

C

Use the circuit in the following figure.



D

F

C

A

:1000 C

