

# -3535B5FC120- G C D34-03F

## D C ECIFICA I

### F :

◆ E celle a i g hea f LED chi e a i g de 1.5 A.

◆ High l i

◆ N UV.

◆ E ca la ed a e ial a e e i e all ce ified a d e e e i e al e i e e .

### C M :

◆ GaN

### E C :

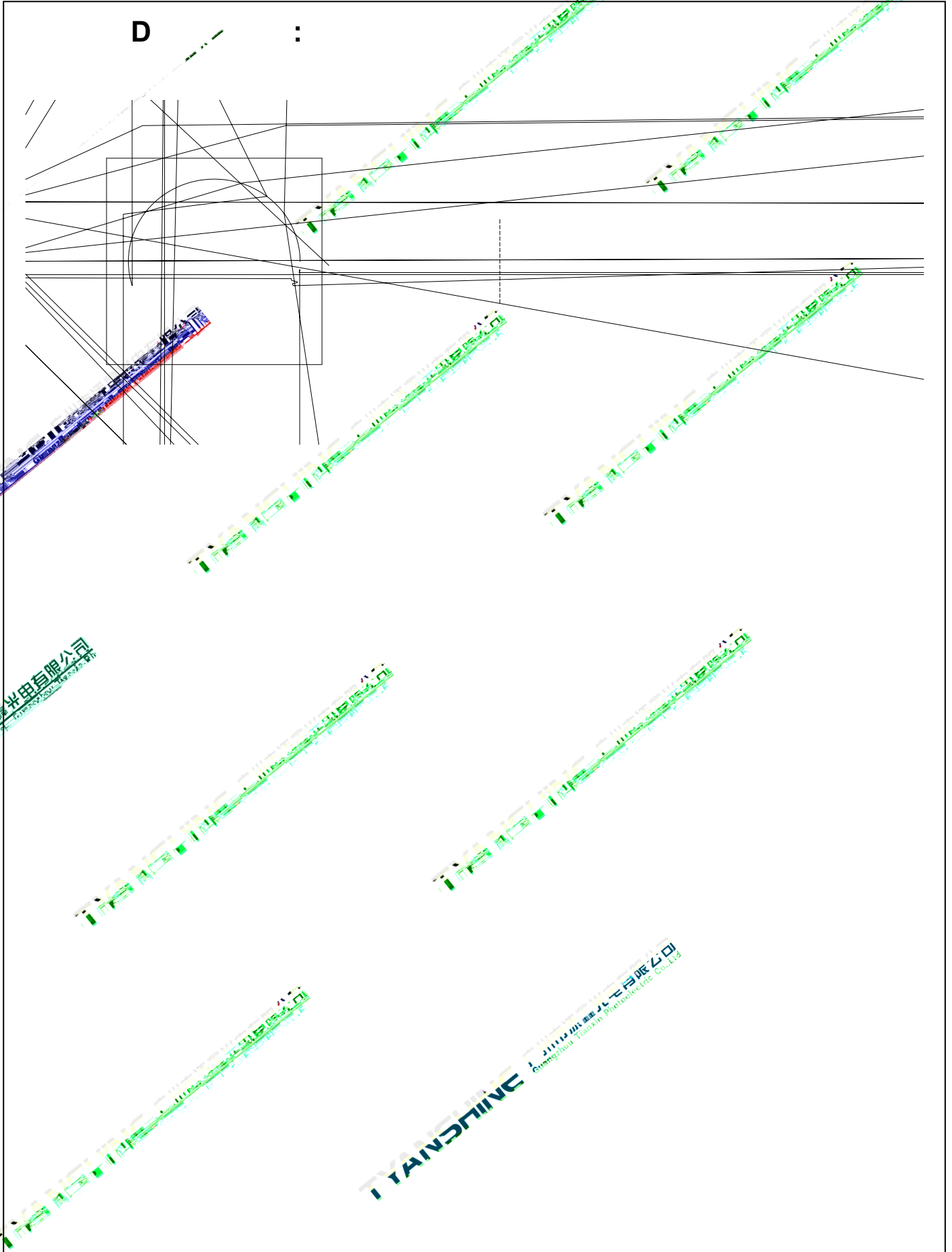
◆ Bl e

### A :

◆ P able Fla h ligh

◆ Ga de ligh i g

◆ Ge e al Ligh i g



**A M ( =25°C)**

|   |     |          |    |
|---|-----|----------|----|
| Forward Current                         | IF  | 1500     | A  |
| Reverse Voltage                         | VR  | 5        | V  |
| Reverse Current                         | IR  | 2        | A  |
| Power Dissipation                       | PD  | 5700     | W  |
| Junction Temperature                    | Tj  | 150      | °C |
| Electrostatic Discharge Threshold (ESD) | ESD | 2000     | V  |
| Storage Temperature                     | Tg  | -40 +70  | °C |
| Operating Temperature                   | T   | -30 +100 |    |

Notes:

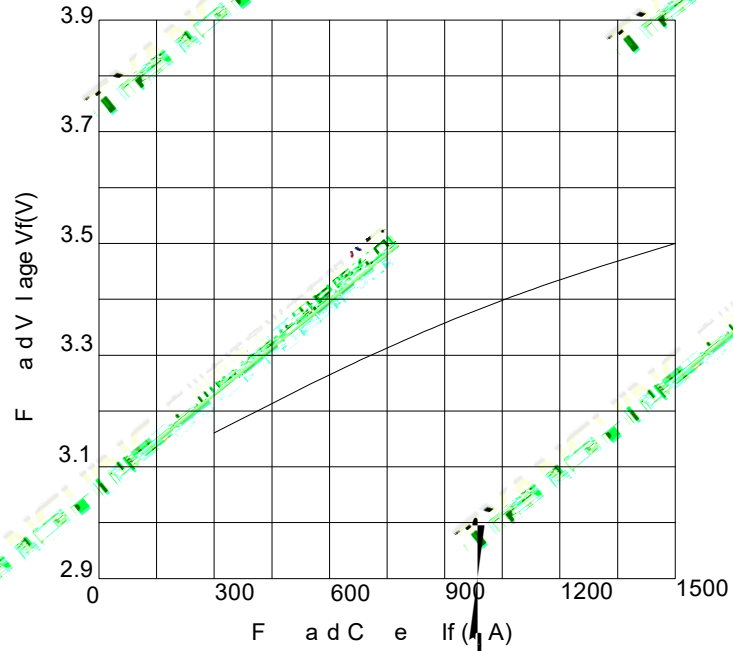
1. Specific values are subject to change without notice.
2. The data are for specific conditions. If the actual conditions are different, the user should acknowledge.
3. Protection of ESD:
 

STATIC SHIELD Electrostatic discharge damage the LED. It is recommended to use anti-static bag for the LED. All devices, especially the LED, should be stored in a dry place.

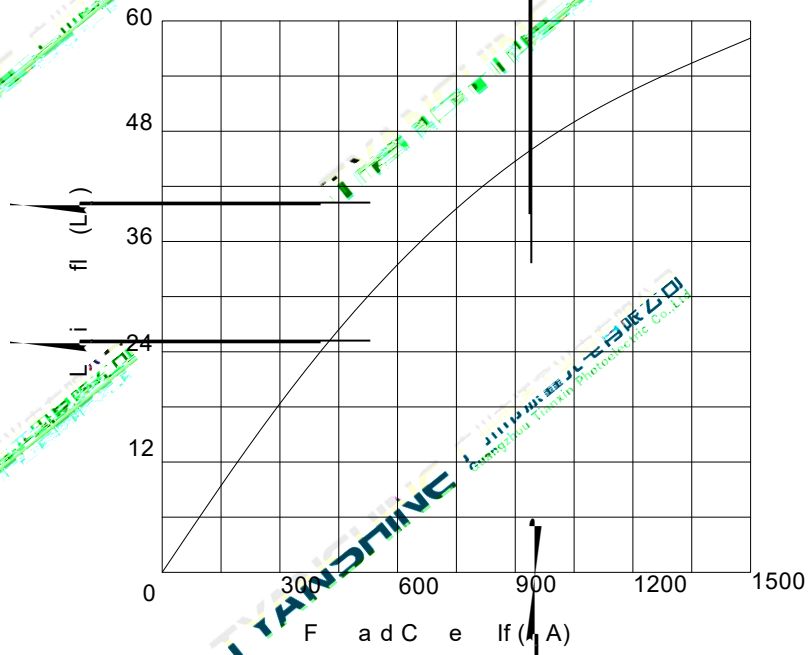


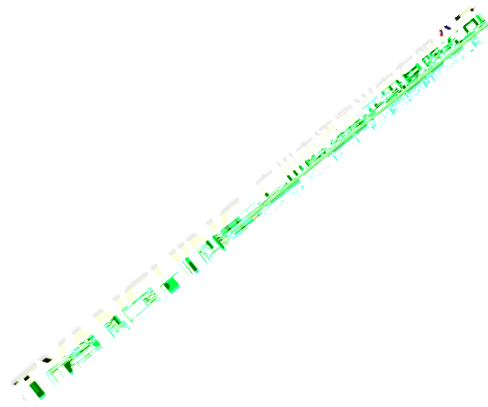
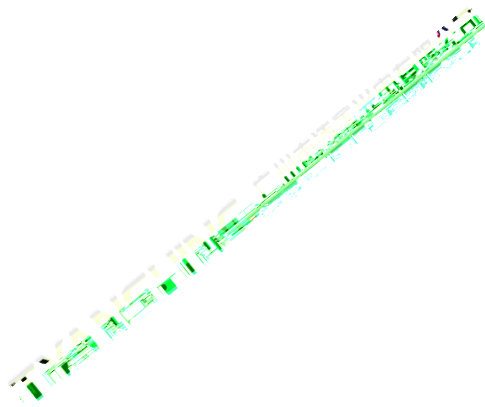
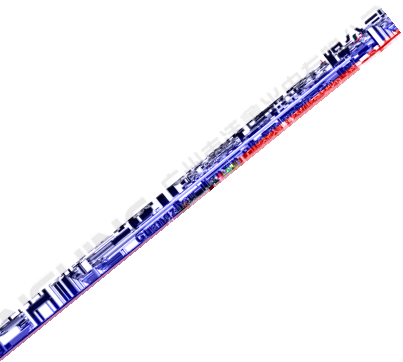
(25°C Ambient Temperature Under Ohmic Condition)

Forward Voltage VS. Forward Current



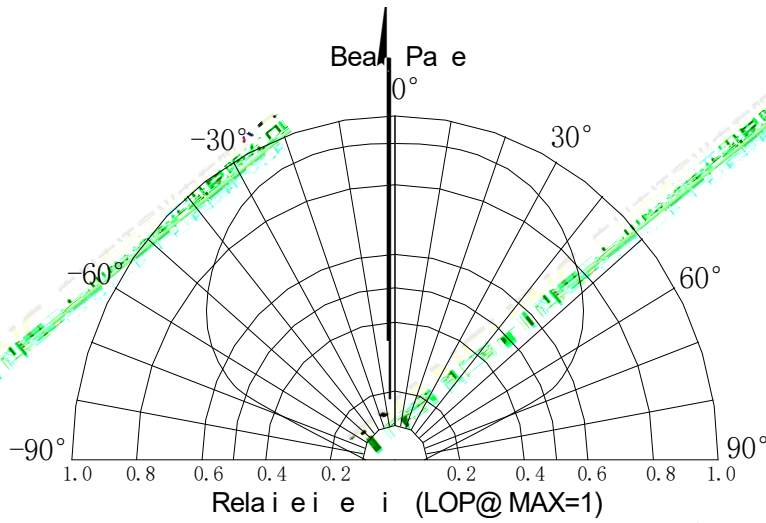
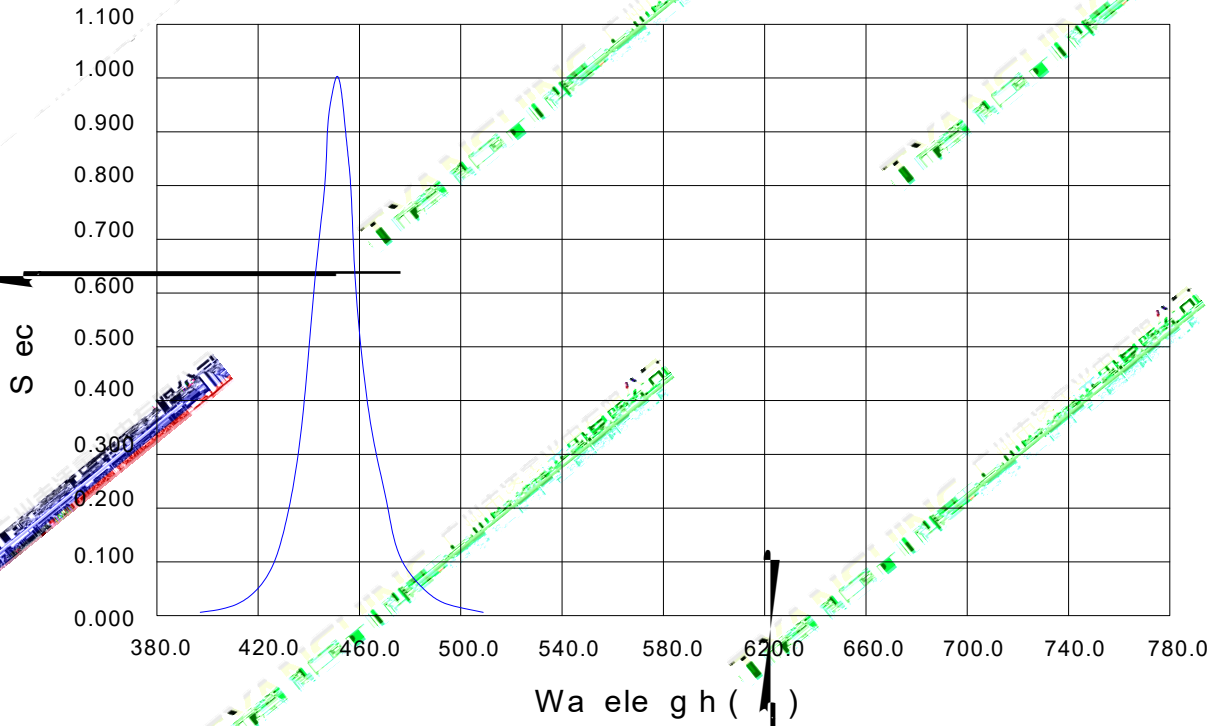
Forward Current VS. Light Intensity





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Relative Spectral Distribution



1.2 1/2 i he ffa T a gle f lar ce eli e he e hel i i e i i 1/2 f he eak al e.  
2. Vie a gle le a ce i 5 .

**E** **C**  
Temperature: 5°C - 30°C (41°F - 86°F)

Humidity: 60% RH Max.

**C**  
Use the circuit in the above figure.

