

Excellent transiting heat from LED chip operating under 1.5 A
High luminous output.
No UV.
Encapsulated materials are environmentalall certified and meet requirements.

GaN

Green

- Portable Flashlight
- Garden lighting
- General Lighting



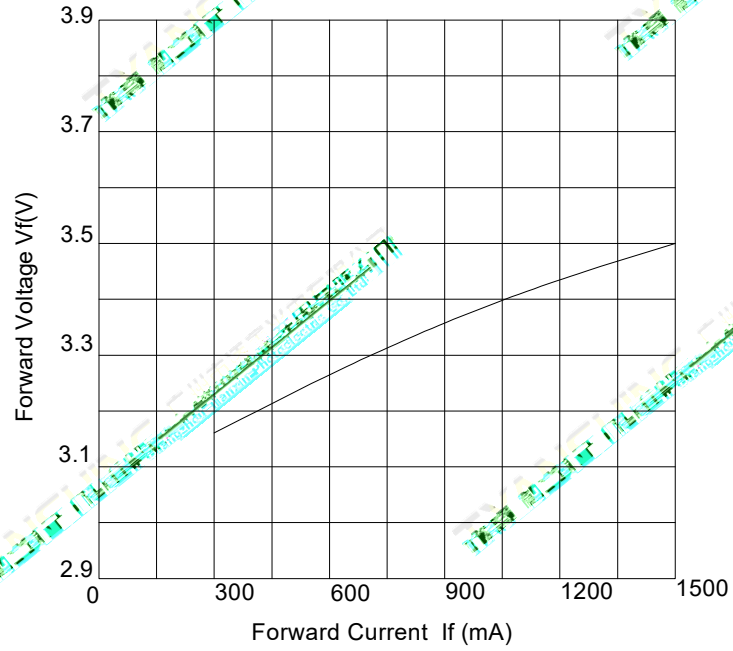
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|---|-----------|---------|----|
| Forward Current | I_F | 1500 | mA |
| Reverse Voltage | V_R | 5 | V |
| Reverse Current | I_R | 2 | μA |
| Power Dissipation | P_D | 5400 | mW |
| Junction Temperature | T_j | 150 | |
| Electrostatic Discharge Threshold (ESD) | ESD | 2000 | V |
| Storage Temperature | T_{stg} | -40 +70 | |
| Operation Temperature | T_{opr} | -30 +85 | |

1. Specifications are subject to change without notice.
2. The data on this specification is for reference only. The actual data should be confirmed with the customer.
3. Precautions for ESD:
 STATIC SHIELD: Electric field and surge damage are prevented. It is recommended to use a wrist band or anti-electrostatic glove when handling the LED. The workbench, equipment and machinery must be properly grounded.

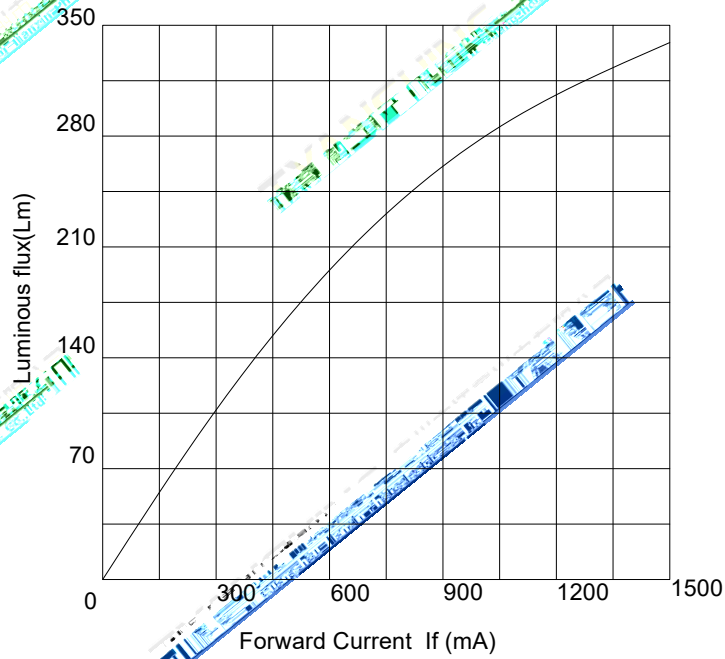


(25 Ambient Temperature Unless Otherwise Noted)

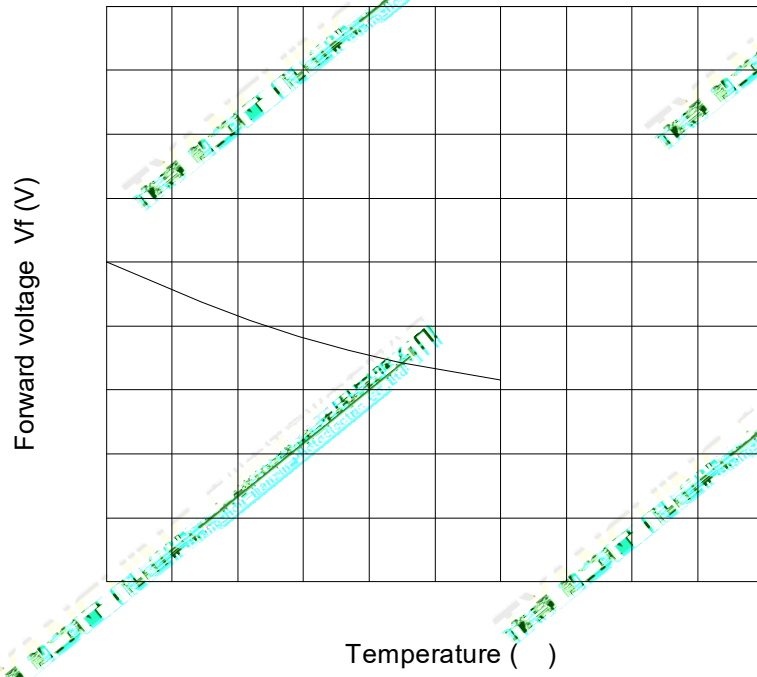
Forward Current VS. Forward Voltage



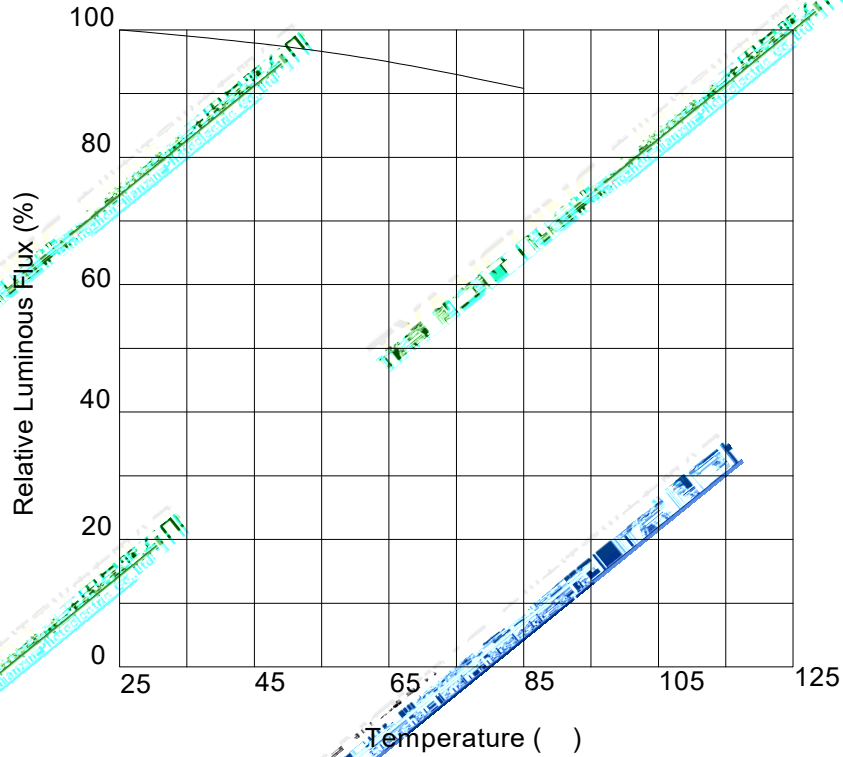
Forward Current VS. Luminous flux

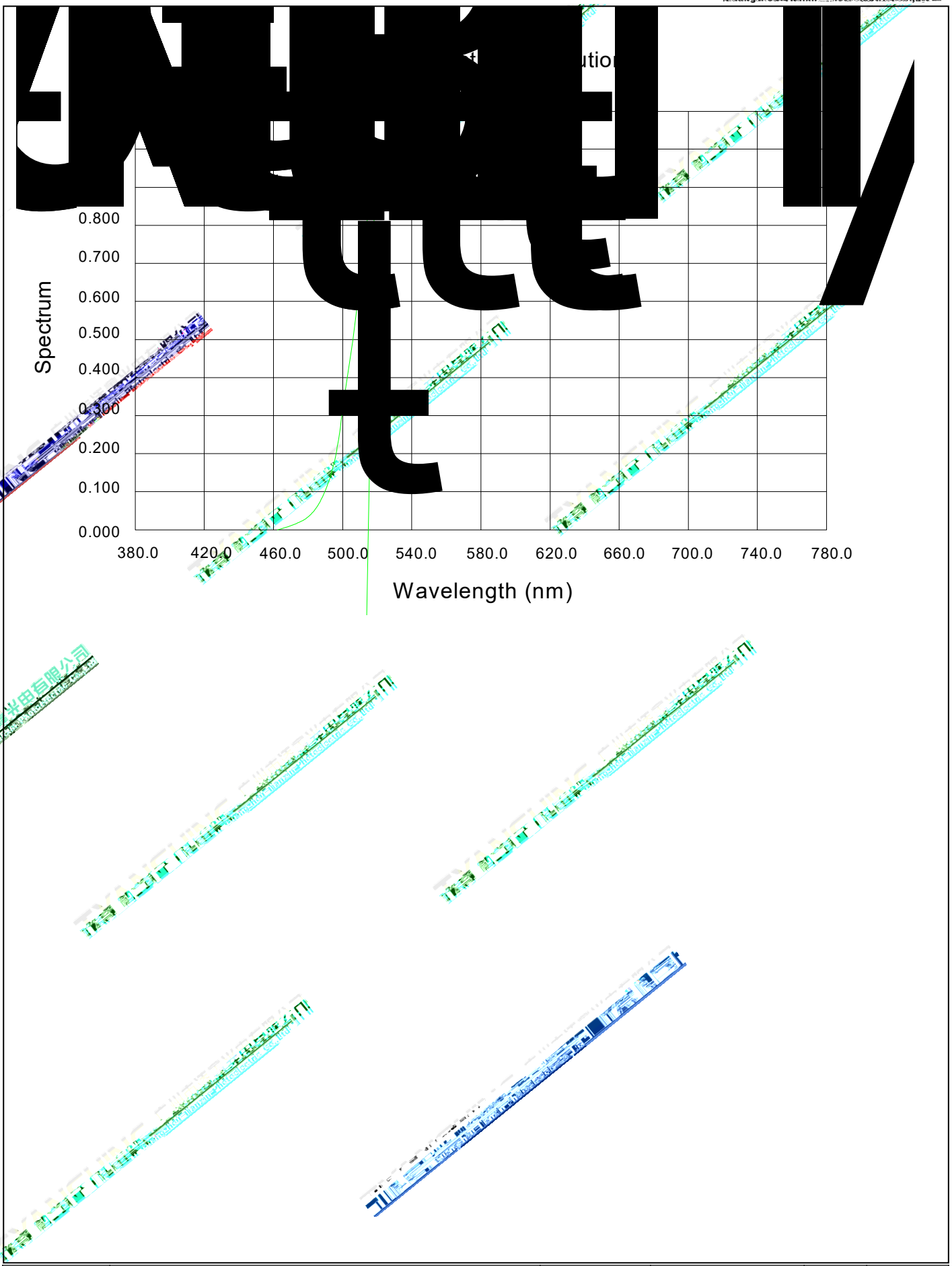


Temperature VS. Forward Voltage (IF=700mA)



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

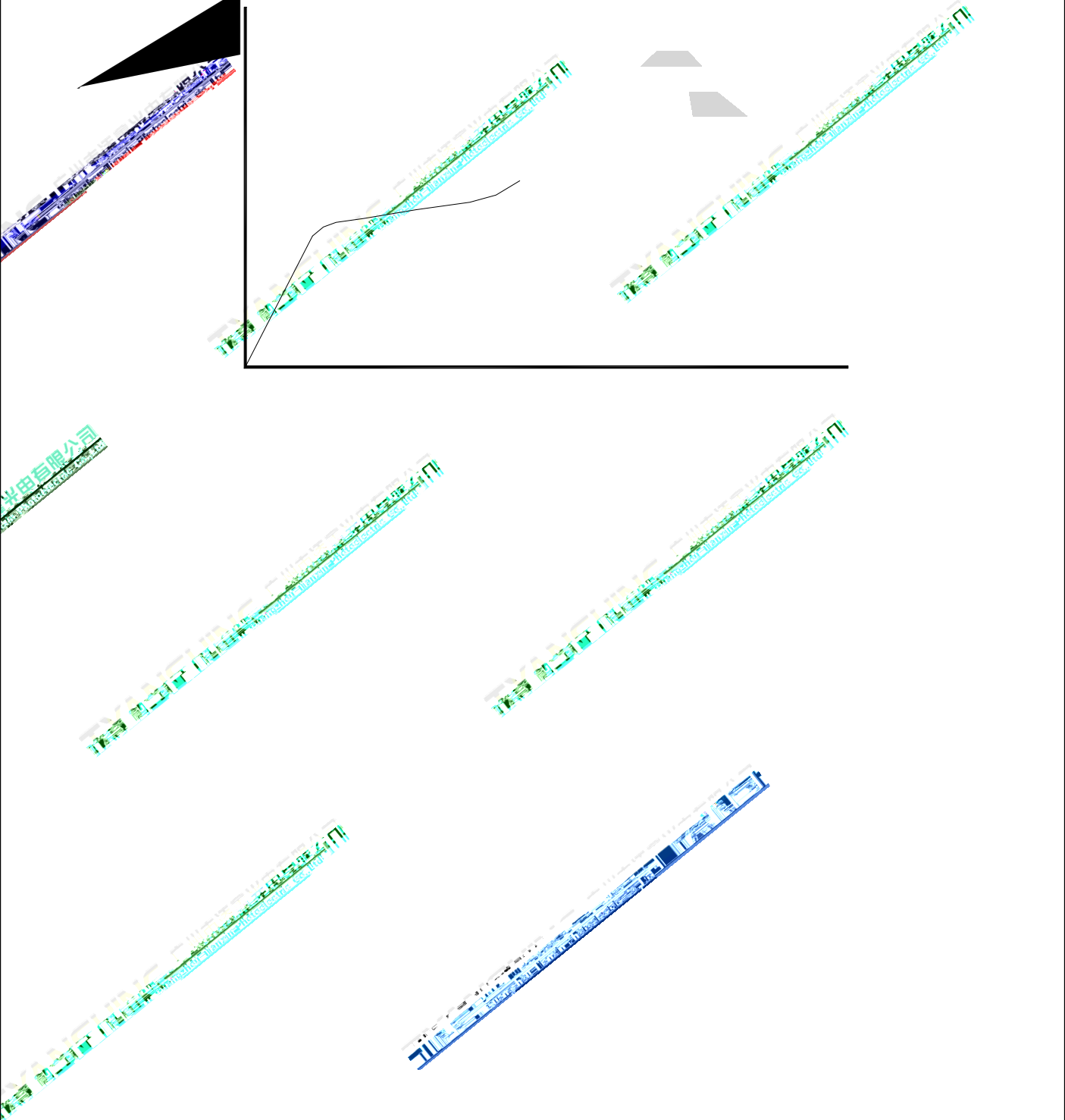


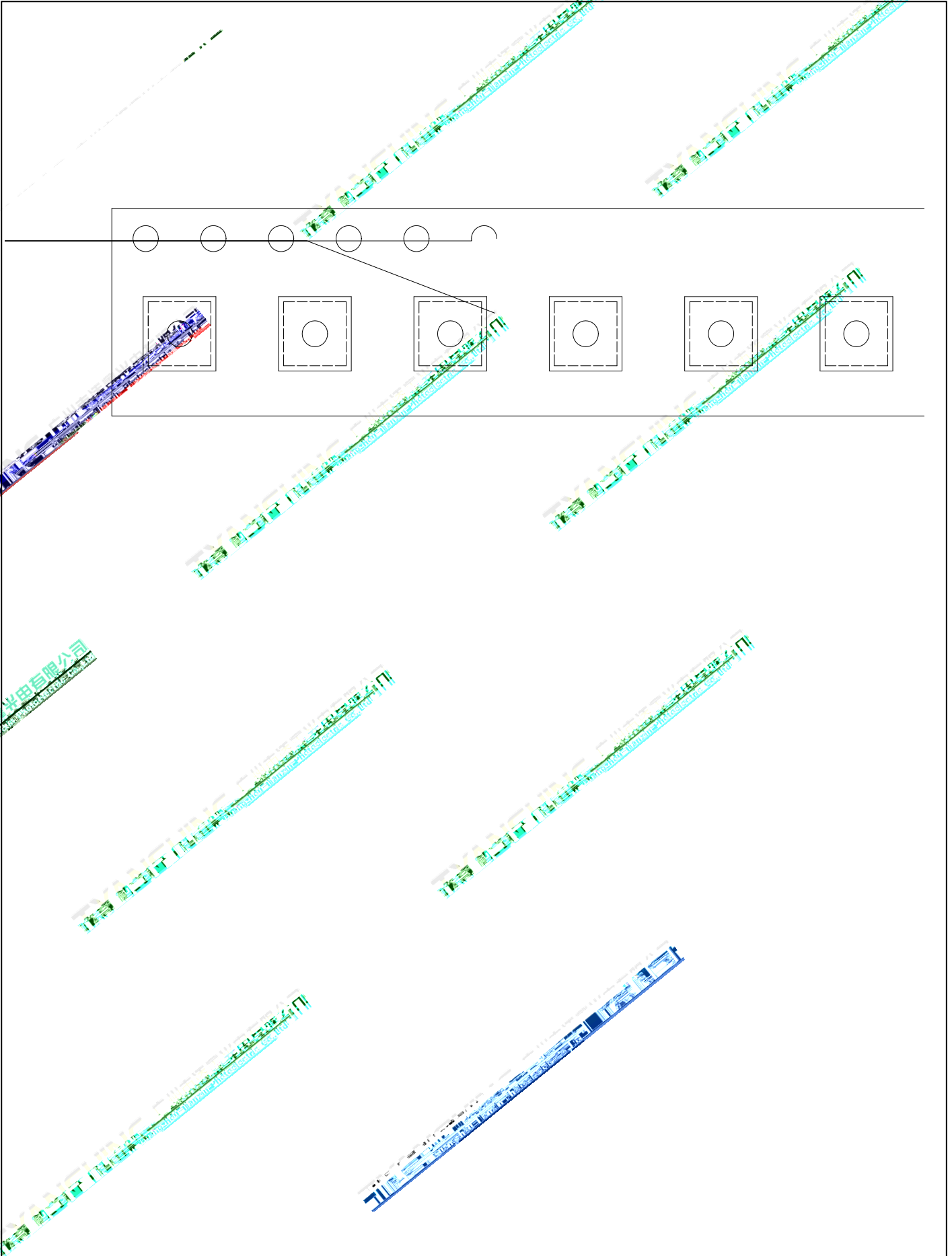


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Temperature: 5 30
Humidit : 60% RH Max.

Use the conditions shown to the under figure.





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