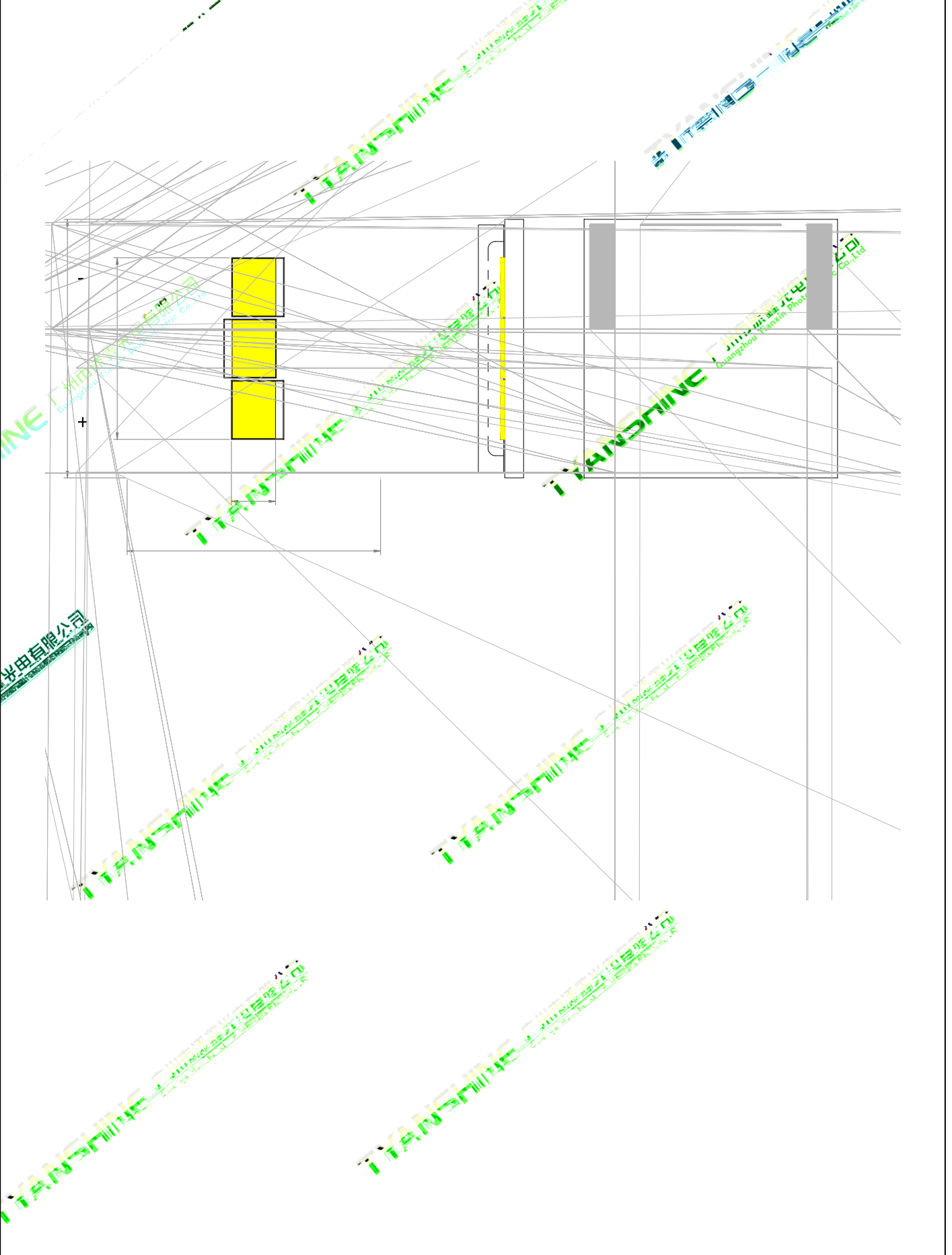


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| | | | | |
|---|------|-------|------------------------------------|---|
| | | | | |
| Forward Current | IF | W1/W3 | 5.0 | A |
| | | W2 | 5.0 | |
| Reverse Voltage | VR | | Not designed for reverse operation | |
| Power Dissipation | PD | W1+W3 | 35 | W |
| | | W2 | 17.5 | |
| Junction Temperature | Tj | | 150 | |
| Electrostatic Discharge Threshold (ESD) | ESD | | 2000 | V |
| Storage Temperature | Tstg | | -20~+70 | |
| Operation Temperature | Topr | | -30~+85 | |

1.Specifications are subject to change without notice.

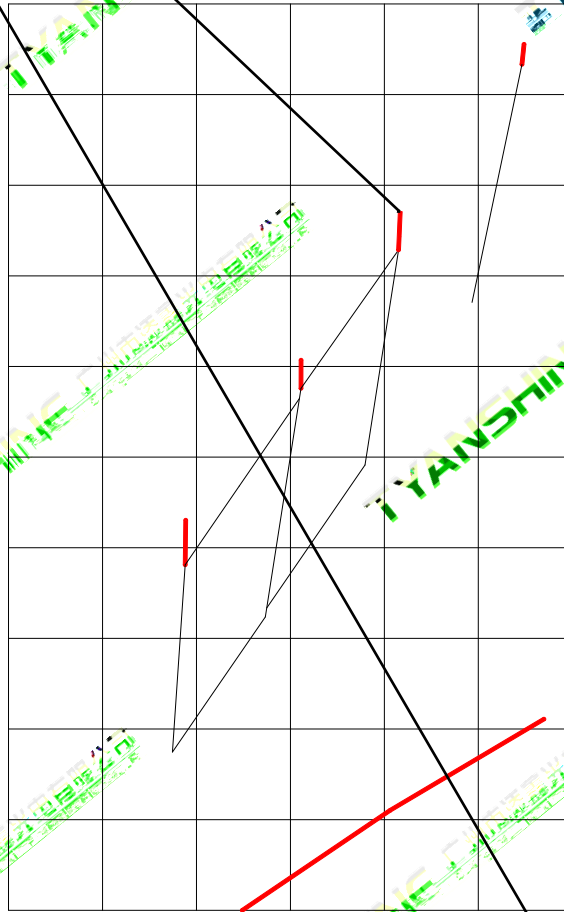
2.The data on this specification is for reference only and the actual data is in accordance with the acknowledgment.

3.Precautions for ESD:

STATIC SHIELD Electricity and surge damages the LED. It is recommended to use a wrist band or anti-electrostatic glove when handling the LED. All devices, equipment and machinery must be properly grounded.

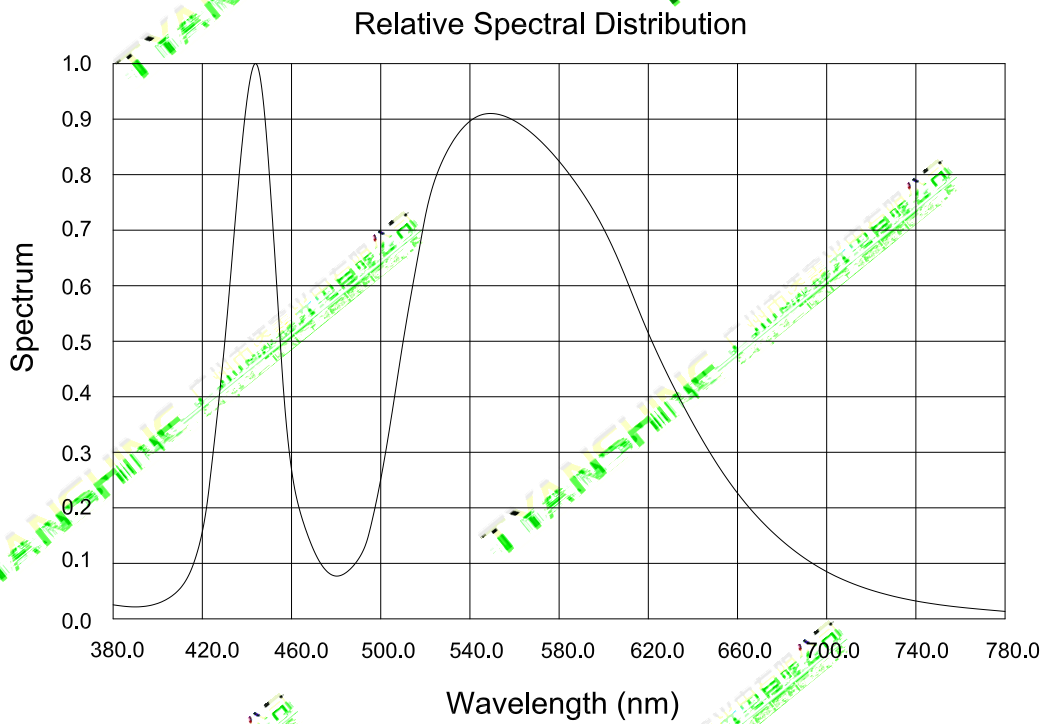
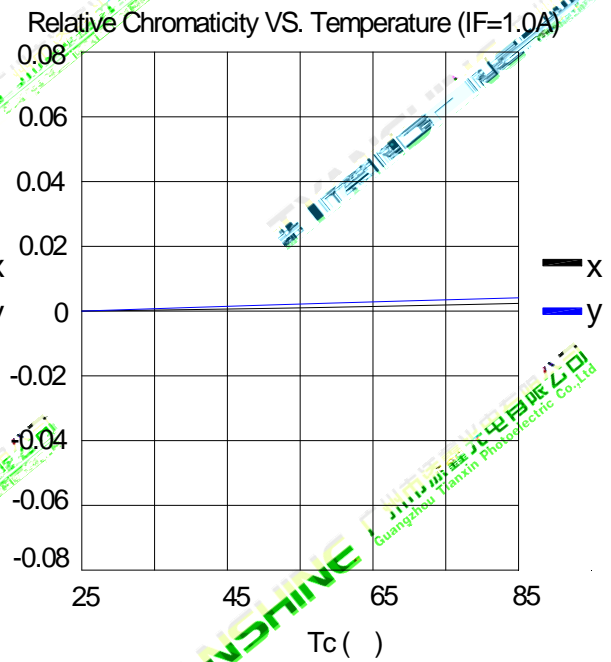
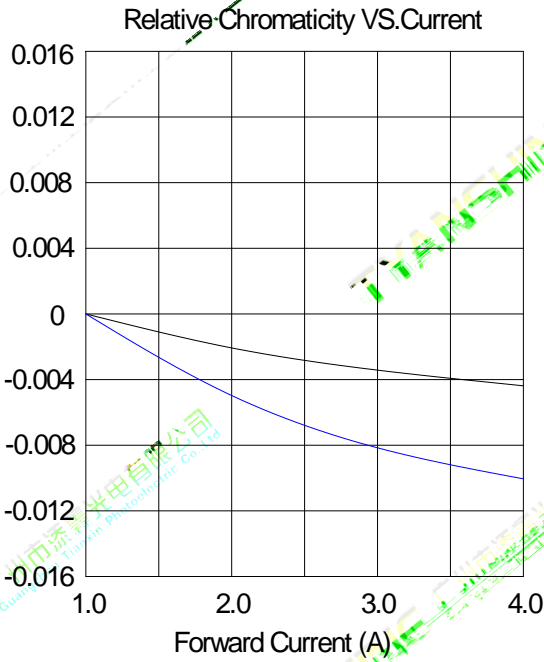
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|-------------------------------------|------------------|------------------|----------|------|-------|------|-----|-----|
| | | | | | | | | |
| Luminous Flux | v | If=1.0A | W1+W3 | 820 | 900 | 980 | lm | |
| | | | W2 | 410 | 450 | 490 | | |
| | | If=5.0A | W1+W3 | 2500 | 2800 | 3100 | | |
| | | | W2 | 1250 | 1400 | 1550 | | |
| Forward Voltage | V _f | If=1.0A | W1+W3 | 5.4 | — | 6.6 | V | |
| | | | W2 | 2.7 | — | 3.3 | | |
| | | If=5.0A | W1+W3 | 6.8 | — | 8.0 | | |
| | | | W2 | 3.4 | — | 4.0 | | |
| Viewing Angle at 50° | IV | 2 ^{1/2} | — | W | — | 120 | — | Deg |
| Correlated Colour Temperature | CCT | If=1.0A | W1/W2/W3 | 4300 | — | 5000 | K | |
| | | If=5.0A | W1/W2/W3 | 4500 | — | 5300 | | |
| Reverse Current | I _R | — | W | — | — | — | μA | |
| Thermal Resistance Junction to Case | R _{J-C} | — | W | — | — | — | K/W | |
| Temperature Coefficient of Voltage | V F/T | If=1.0A | W1+W3 | — | -4.5 | — | mV/ | |
| | | | W2 | — | -2.25 | — | | |
| | | If=5.0A | W1+W3 | — | -3.21 | — | | |
| | | | W2 | — | -1.6 | — | | |

- 1.Luminous intensity is measured with a light sensor and filter combination that approximates the CIE eye-response curve.
2. 1/2 is the off-axis angle at which the luminous intensity is half the axial luminous intensity.
- 3.Luminous flux measurement tolerance:±15%.
- 4.Forward voltage measurement tolerance:±0.15V.



(v)

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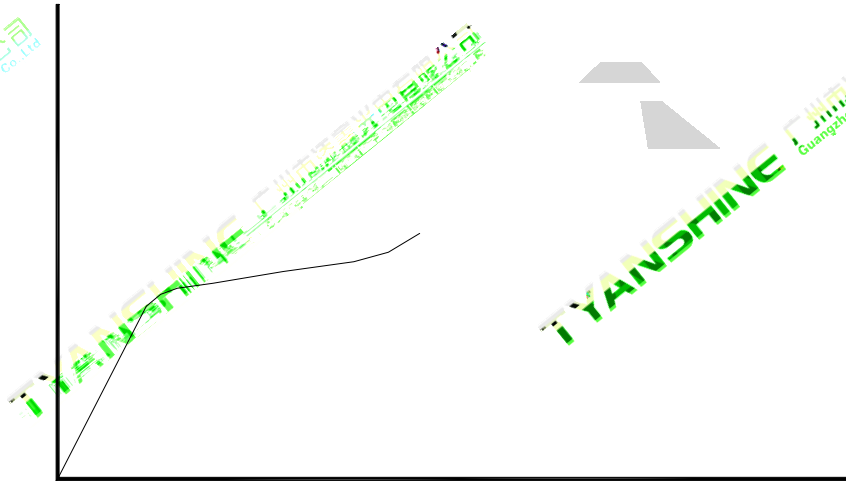


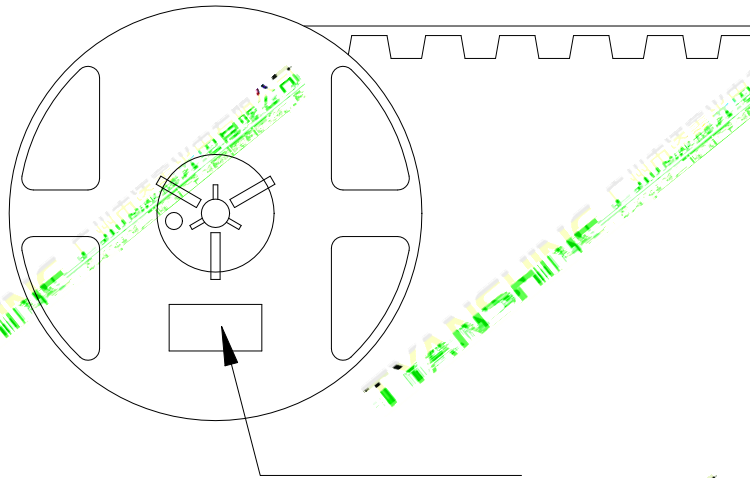
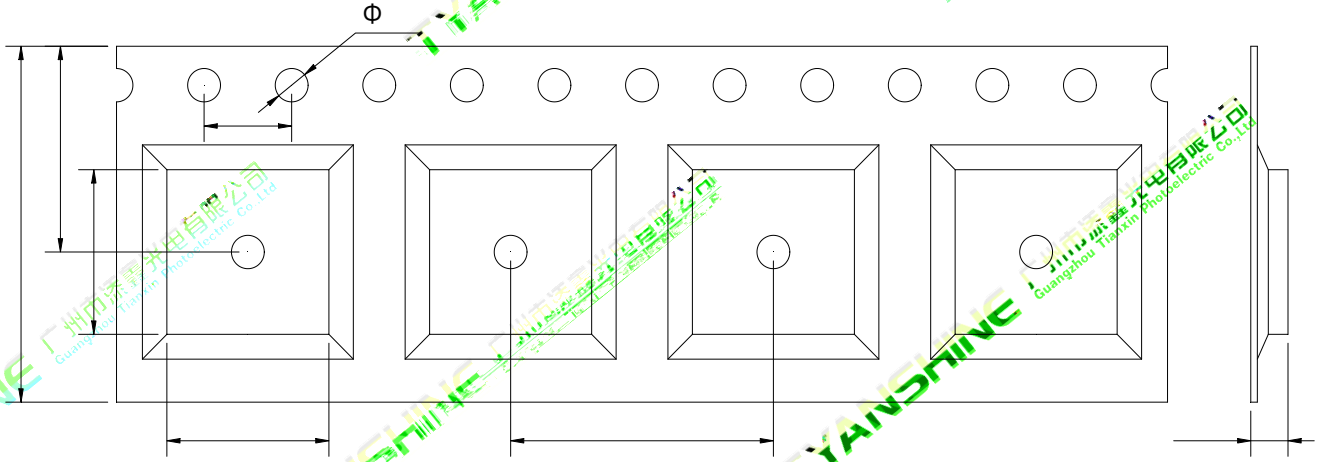
- 1. $2\theta = 1/2$ is the off axis angle from lamp centerline where the luminous intensity is 1/2 of the peak value.
- 2. View angle tolerance is $\pm 5^\circ$.

Temperature: 5 ~ 30 (41 ~ 86)

Humidity: 60% RH Max.

Use the conditions shown to the under figure.





1. All dimensions are in millimeters.
2. Tolerances are ± 2.0 mm unless otherwise noted.
3. The products are packaged together with silica gel, Transport, not to the weight of welding LED light-emitting area, As a result of the weight of LED light-emitting zone in the quality of, Irresponsible of the Company.

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