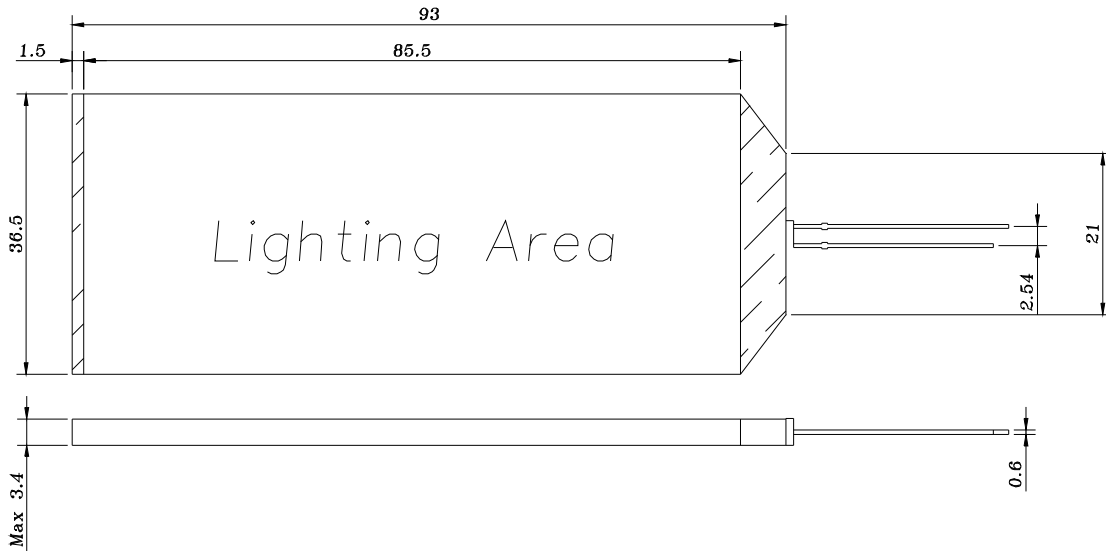


1、 Mechanical Outline(Unspecified Tolerances is: $\pm 0.3\text{mm}$) Color: Blue



2、 Lamp: 1 x 1 = 1

3、 Storage & Soldering Conditions:

- l Store with care. Storing the units in bad condition will cause the reflector sheet and decrease it's adhesive power. Storage the products under the condition: temperature ($25^{\circ}\text{C} \pm 10^{\circ}\text{C}$) and humidity ($65^{\circ}\text{CRH} \pm 20^{\circ}\text{CRH}$) our recommendation.
- l The soldering Temperature is $260 \pm 5^{\circ}\text{C}$ and Soldering Time should be less than 3 sec, and soldering iron power should be less than 30W.
- l The soldering point should be farther than 1.6mm from body.

4、 ABSOLUTE MAXIMUM RATINGS

(Unless specified, The Ambient temperature $T_a = 25^{\circ}\text{C}$)

| Item | Symbol | Condition | Rating | Unit |
|----------------------------------|--------|----------------------------|---------|--------------------|
| Absolute maximum forward current | Ifm | | 30 | mA |
| Peak forward current | Ifp | 1 msec Plus 10% Duty Cycle | 50 | mA |
| Reverse Voltage | Vr | | 5 | V |
| Power dissipation | Pd | | 100 | mW |
| Operating Temperature Range | Topr | | -20~+70 | $^{\circ}\text{C}$ |
| Storage Temperature Range | Tstg | | -20~+75 | $^{\circ}\text{C}$ |

5、 ELECTRICAL-OPTICAL CHARACTERISTICS

(Unless specified, The Ambient temperature $T_a=25^{\circ}\text{C}$)

| Item | Symbol | Min. | Typ. | Max. | Unit | Condition |
|------------------------------|-------------|------|------|------|------------------------|-------------------|
| Forward Current | I_f | 15 | 20 | 25 | mA | $V_f=3.3\text{V}$ |
| Forward Voltage | V_f | 3.0 | 3.3 | 3.6 | V | $I_f=20\text{mA}$ |
| Reverse Current | I_r | | | 10 | μA | $V_r=5\text{V}$ |
| Luminance (Without Glass) | L_v | 56 | 66 | 75 | cd/m^2 | $I_f=20\text{mA}$ |
| Peak Wave Length | λ_p | 465 | 467 | 470 | nm | $I_f=20\text{mA}$ |

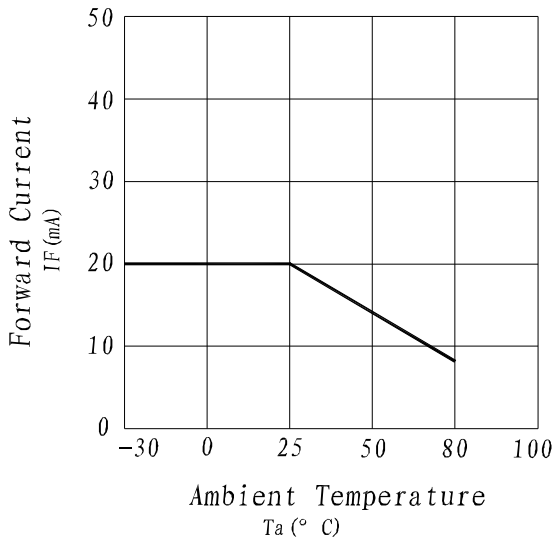
6、 STATIC ELECTRICITY AND SURGE

ⓘ Static electricity and surge will damage the LEDs. It is recommended to use a wrist band or anti-electrostatic glove when handling the LEDs.

ⓘ All devices, equipment and machinery must be properly grounded.

7、 LED Electrical Characteristics

Forward Current VS. Ambient Temperature



Relative Intensity VS. Ambient Temperature

