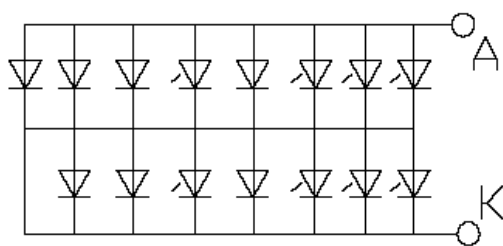
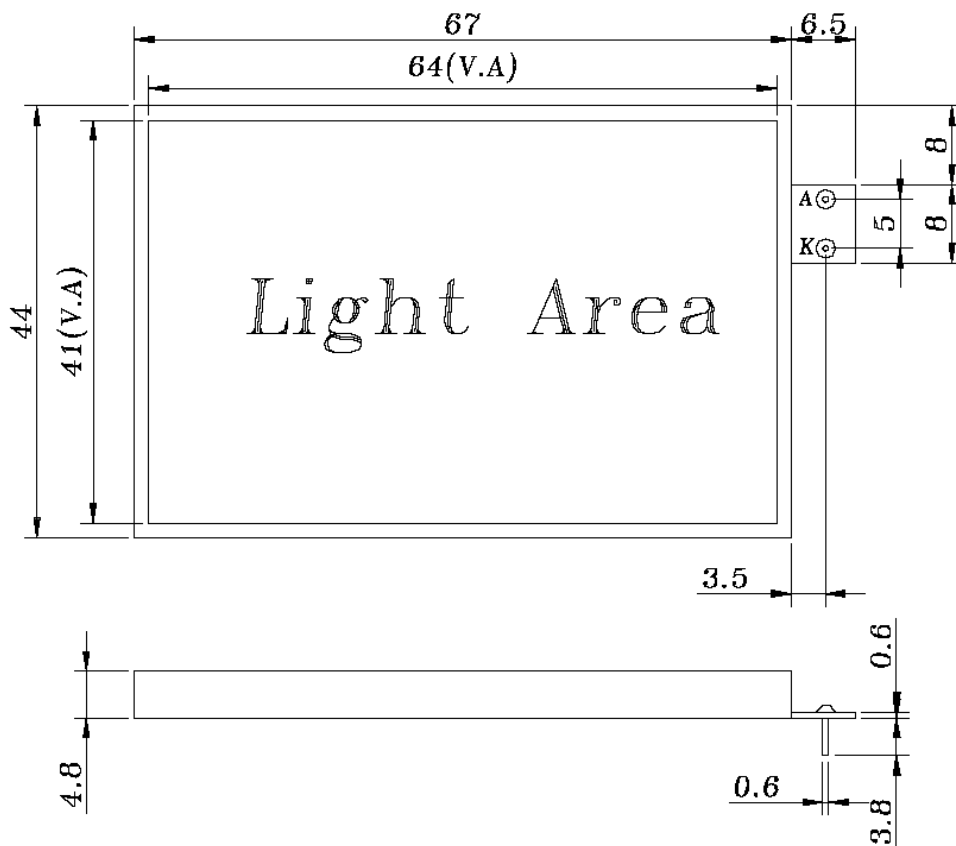


64*41mm Yellow Green LCD Backlight
Technical Data Sheet

Part No: KWB-R6441G-15G
Color : Yellow Green
LED Chip Material: GaP



Mechanical Outline



Notes:

1. LED's chip q'ty : 15 pcs
2. All dimensions are in millimeters .
3. Tolerance is ± 0.3 mm unless otherwise noted.
4. Specifications are subject to change without notice.

Absolute Maximum Ratings at Ta=25°C

| Parameter | Symbol | Condition | Rating | Unit |
|-----------------------|--------|----------------------------|---------|------|
| Forward Current | Ifm | | 120 | mA |
| Peak forward Current | Ifp | 1 msec Plus 10% Duty Cycle | 240 | mA |
| Reverse Voltage | Vr | | 10 | V |
| Power Dissipation | Pd | | 500 | mW |
| Operating Temperature | Topr | | -20~+70 | °C |
| Storage Temperature | Tstg | | -20~+75 | °C |

Electrical Optical Characteristics at Ta=25°C

| Parameter | Symbol | Min. | Typ. | Max. | Unit | Test Condition |
|---------------------------|--------|------|------|------|-------|----------------|
| Forward Current | If | 70 | 80 | 90 | mA | Vf=4.2V |
| Forward Voltage | Vf | 4 | 4.2 | 4.4 | V | IF=80mA |
| Reverse Current | Vr | -- | -- | 80 | μA | Vr=10V |
| Luminance (Without Glass) | Lv | --- | 110 | --- | cd/m2 | IF=80mA |
| Peak wavelength | λ p | 568 | 570 | 575 | nm | IF=80mA |

Cautions

■Storage:

- ◇ 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.

■Soldering:

- ◇ 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.
- ◇ The soldering point should be farther than 1.6mm from body.