

## 2.2 LED Specification



### Absolute Maximum Rating

| Items                 | Symbol    | Rating    | Unit |
|-----------------------|-----------|-----------|------|
| Forward Current       | $I_F$     | 90        | mA   |
| Pulse Forward Current | $I_{FP}$  | 270       | mA   |
| Reverse Voltage       | $V_R$     | 5         | v    |
| Power Dissipation     | $P_D$     | 350       | mW   |
| Operating Temperature | $T_{opr}$ | -30 ~ 85  | °C   |
| Storage Temperature   | $T_{stg}$ | -40 ~ 100 | °C   |

### Color Ranks

( $I_F=60\text{mA}$ ,  $T_a=25^\circ\text{C}$ )

| Cool White | CD              |        |
|------------|-----------------|--------|
|            | Cx              | Cy     |
|            | 0.2729          | 0.2647 |
|            | 0.2748          | 0.2619 |
|            | 0.2816          | 0.2785 |
|            | 0.2797          | 0.2810 |
| CCT        | 8,000 ~ 9,000 K |        |

- \* Color coordinates measurement allowance is  $\pm 0.01$
- \* The CIE(1931) standard colorimetric system

