

Two Color Lighting

Round Type

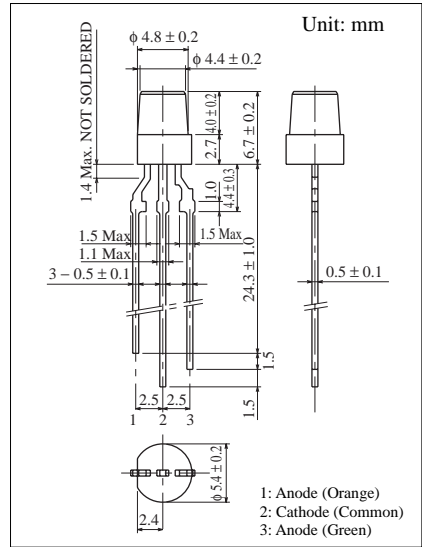
φ 4.4 mm Series

Conventional Part No. Global Part No. Lighting Color
 LN170WP38 LNG170WHA Green, Orange

■ Absolute Maximum Ratings (T_a = 25°C)

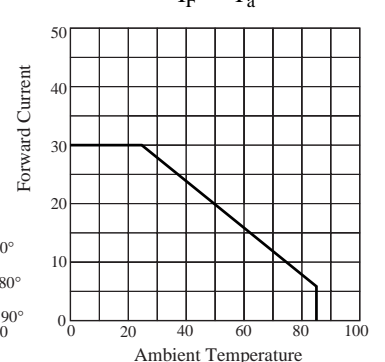
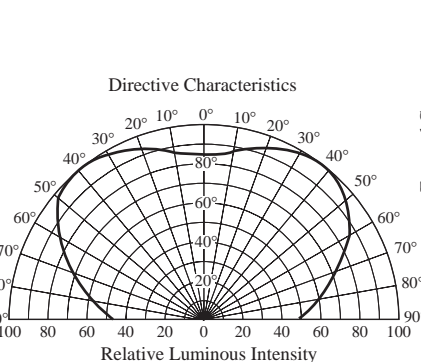
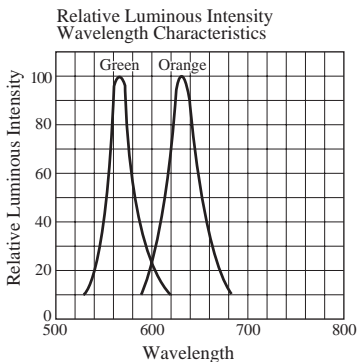
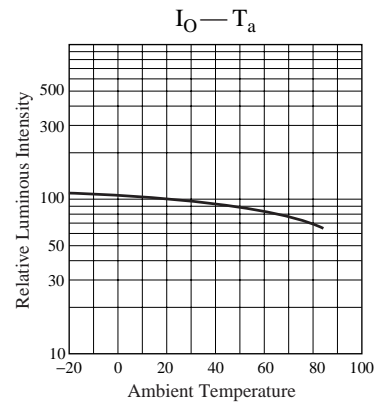
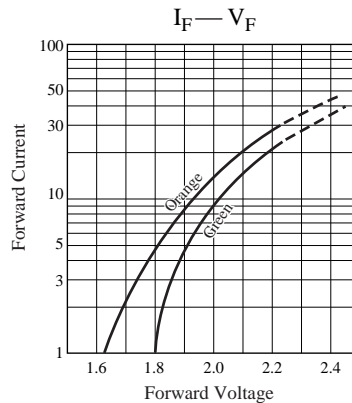
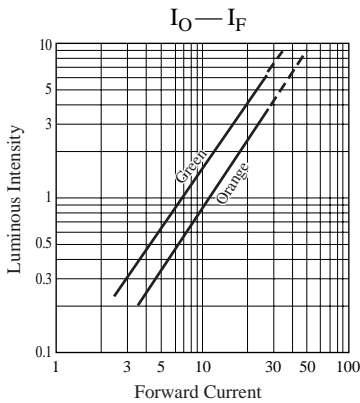
| Lighting Color | P _D (mW) | I _F (mA) | I _{FP} (mA) ^a | V _R (V) | T _{opr} (°C) | T _{stg} (°C) |
|----------------|---------------------|---------------------|-----------------------------------|--------------------|-----------------------|-----------------------|
| Green | 90 | 30 | 150 | 3 | -25 ~ +85 | -30 ~ +100 |
| Orange | 90 | 30 | 150 | 3 | -25 ~ +85 | -30 ~ +100 |

Pulse width 1 msec. The condition of I_{FP} is duty 10%, Pulse width 1 msec



■ Electro-Optical Characteristics (T_a = 25°C)

| Conventional Part No. | Lighting Color | Lens Color | I _O | | I _F | V _F | | λ _P | Δλ | I _F | I _R | |
|-----------------------|----------------|----------------|----------------|-----|----------------|----------------|------|----------------|-----|----------------|----------------|----------------|
| | | | Typ | Min | | Typ | Max | Typ | Typ | | Max | V _R |
| LN170WP38 | Green | White Diffused | 4.0 | 0.8 | 20 | 2.2 | 2.50 | 565 | 30 | 20 | 10 | 4 |
| | Orange | | 2.5 | 0.5 | 20 | 2.1 | 2.45 | 630 | 40 | 20 | 10 | 3 |
| Unit | — | — | mcd | mcd | mA | V | V | nm | nm | mA | μA | V |



Caution for Safety

 **DANGER**

Gallium arsenide material (GaAs) is used in this product.

Therefore, do not burn, destroy, cut, crush, or chemically decompose the product, since gallium arsenide material in powder or vapor form is harmful to human health.

Observe the relevant laws and regulations when disposing of the products. Do not mix them with ordinary industrial waste or household refuse when disposing of GaAs-containing products.

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