

Round Type

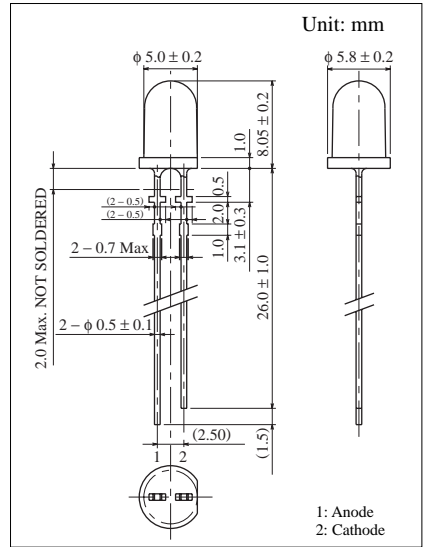
φ 5.0 mm InGaAlP

Conventional Part No. Global Parts No. Lighting Color
 LNW4A4CN4 LNW4A4CN4 Amber
 LNW8A4CN8 LNW8A4CN8 Soft orange

Absolute Maximum Ratings (T_a = 25°C)

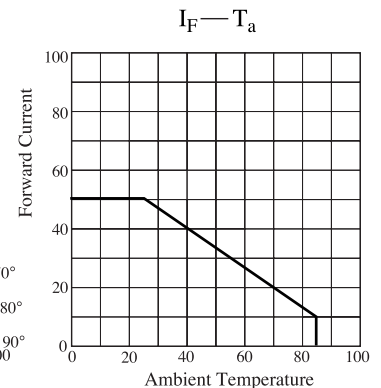
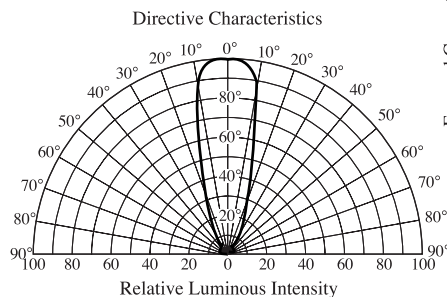
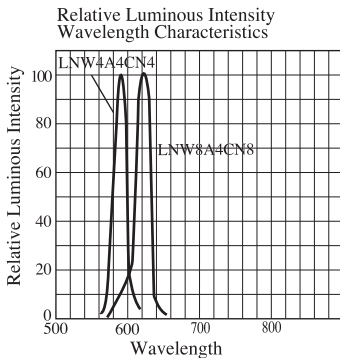
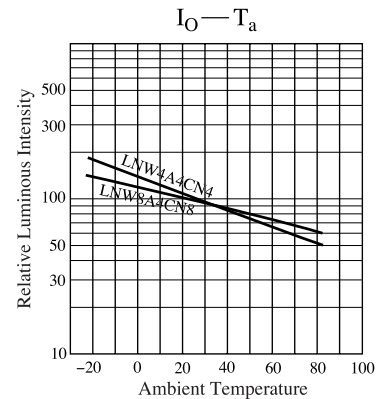
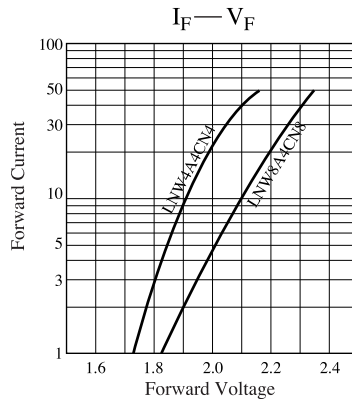
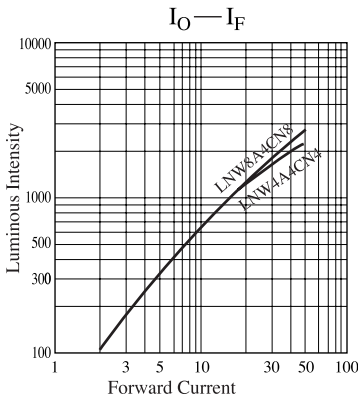
| Lighting Color | P _D (mW) | I _F (mA) | I _{FP} (mA)* | V _R (V) | T _{opr} (°C) | T _{stg} (°C) |
|----------------|---------------------|---------------------|-----------------------|--------------------|-----------------------|-----------------------|
| Amber | 125 | 50 | 150 | 4 | -25 ~ +85 | -30 ~ +100 |
| Soft Orange | 125 | 50 | 150 | 4 | -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 | | | V _F | | λ _P | Δλ | I _F | I _R | |
|-----------------------|----------------|------------|----------------|-----|----------------|----------------|-----|----------------|-----|----------------|----------------|-----|
| | | | Typ | Min | I _F | Typ | Max | Typ | Typ | | I _F | Max |
| LNW4A4CN4 | Amber | Clear | 1300 | — | 20 | 2.0 | 2.5 | 588 | 15 | 20 | 100 | 4 |
| LNW8A4CN8 | Soft Orange | Clear | 1300 | — | 20 | 2.0 | 2.5 | 620 | 15 | 20 | 100 | 4 |
| 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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