

Round Type

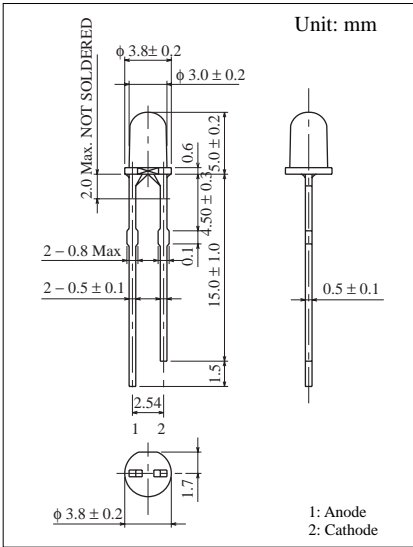
φ 3.0 mm Series

| Conventional Part No. | Global Part No. | Lighting Color |
|-----------------------|-----------------|----------------|
| LN28RPP | LNG208RBR | Red |
| LN28RCPP | LNG208LBR | Red |
| LN28WPP | LNG208WBR | Red |
| LN28CPP | LNG208CBR | Red |

■ Absolute Maximum Ratings (T_a = 25°C)

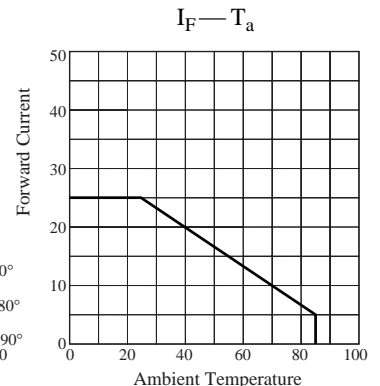
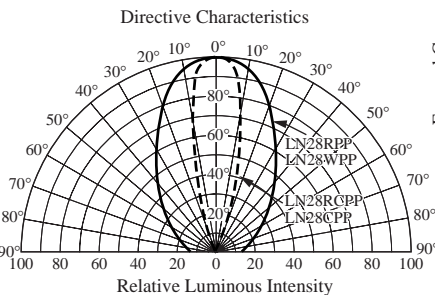
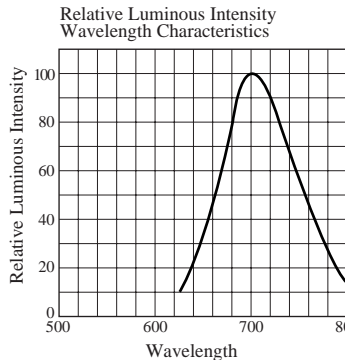
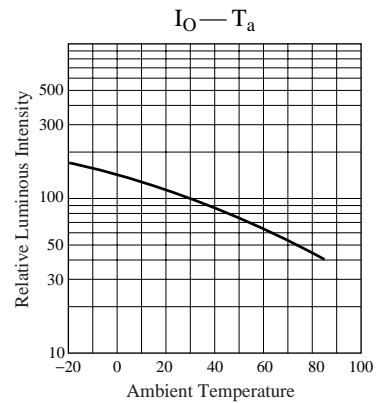
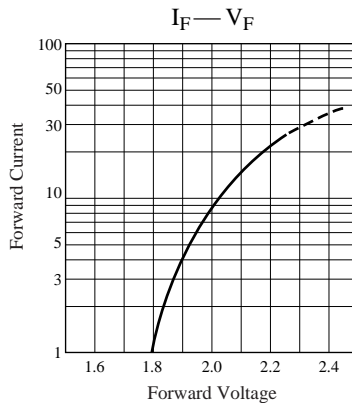
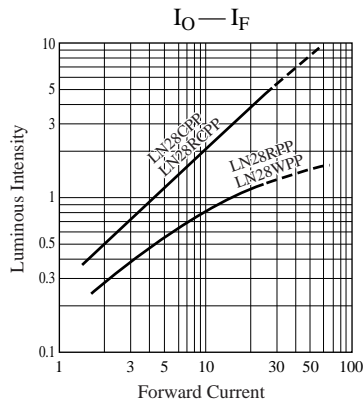
| Lighting Color | P _D (mW) | I _F (mA) | I _{FP} (mA)* | V _R (V) | T _{opr} (°C) | T _{stg} (°C) |
|----------------|---------------------|---------------------|-----------------------|--------------------|-----------------------|-----------------------|
| Red | 70 | 25 | 150 | 4 | -25 ~ +85 | -30 ~ +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 | | I _F | V _F | | λ _p | Δλ | I _F | I _R | |
|-----------------------|----------------|----------------|----------------|-----|----------------|----------------|-----|----------------|-----|----------------|----------------|----------------|
| | | | Typ | Min | | Typ | Max | | | | Max | V _R |
| LN28RPP | Red | Red Diffused | 1.0 | 0.4 | 15 | 2.2 | 2.8 | 700 | 100 | 20 | 5 | 4 |
| LN28RCPP | Red | Red Clear | 3.0 | 1.3 | 15 | 2.2 | 2.8 | 700 | 100 | 20 | 5 | 4 |
| LN28WPP | Red | White Diffused | 1.0 | 0.4 | 15 | 2.2 | 2.8 | 700 | 100 | 20 | 5 | 4 |
| LN28CPP | Red | Clear | 3.0 | 1.3 | 15 | 2.2 | 2.8 | 700 | 100 | 20 | 5 | 4 |
| Unit | — | — | mcd | mcd | mA | V | V | nm | nm | mA | μA | V |



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