

Square Type

1.75 mm × 7.0 mm Series

| Conventional Part No. | Global Part No. | Lighting Color |
|-----------------------|-----------------|----------------|
| LN220RPH | LNG220RFR | Red |
| LN320GPH | LNG320GFG | Green |
| LN420YPH | LNG420YFX | Amber |
| LN820RPH | LNG820RFD | 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) |
|----------------|---------------------|---------------------|-----------------------|--------------------|-----------------------|-----------------------|
| Red | 70 | 25 | 150 | 4 | -25 ~ +85 | -30 ~ +100 |
| Green | 90 | 30 | 150 | 4 | -25 ~ +85 | -30 ~ +100 |
| Amber | 90 | 30 | 150 | 4 | -25 ~ +85 | -30 ~ +100 |
| Orange | 90 | 30 | 150 | 3 | -25 ~ +85 | -30 ~ +100 |

I_{FP}の条件は duty 10% 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 |
| LN220RPH | Red | Red Diffused | 0.4 | 0.15 | 15 | 2.2 | 2.8 | 700 | 100 | 20 | 5 | 4 |
| LN320GPH | Green | Green Diffused | 1.2 | 0.50 | 20 | 2.2 | 2.8 | 565 | 30 | 20 | 10 | 4 |
| LN420YPH | Amber | Amber Diffused | 1.5 | 0.50 | 20 | 2.2 | 2.8 | 590 | 30 | 20 | 10 | 4 |
| LN820RPH | Orange | Red Diffused | 1.5 | 0.60 | 20 | 2.1 | 2.8 | 630 | 40 | 20 | 10 | 3 |
| Unit | — | — | mcd | mcd | mA | V | V | nm | nm | mA | μA | V |

