

Square Type

1.0 mm × 4.0 mm Series

| Conventional Part No. | Global Part No. | Lighting Color |
|-----------------------|-----------------|----------------|
| LN233RPH | LNG233RFR | Red |
| LN333GPH | LNG333GFG | Green |
| LN433YPH | LNG433YFX | Amber |
| LN833WPH | LNG833WFD | Orange |

■ Absolute Maximum Ratings ($T_a = 25^\circ\text{C}$)

| Lighting Color | P_D (mW) | I_F (mA) | I_{FP} (mA)* | V_R (V) | T_{opr} ($^\circ\text{C}$) | T_{stg} ($^\circ\text{C}$) |
|----------------|------------|------------|----------------|-----------|--------------------------------|--------------------------------|
| 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 ($T_a = 25^\circ\text{C}$)

| Conventional Part No. | Lighting Color | Lens Color | I_O | | I_F | V_F | | λ_p | $\Delta\lambda$ | I_F | I_R | |
|-----------------------|----------------|----------------|-------|------|-------|-------|-----|-------------|-----------------|-------|---------------|-------|
| | | | Typ | Min | | Typ | Max | | | | Max | V_R |
| LN233RPH | Red | Red Diffused | 0.5 | 0.10 | 15 | 2.2 | 2.8 | 700 | 100 | 20 | 5 | 4 |
| LN333GPH | Green | Green Diffused | 2.0 | 0.75 | 20 | 2.2 | 2.8 | 565 | 30 | 20 | 10 | 4 |
| LN433YPH | Amber | Amber Diffused | 1.5 | 0.50 | 20 | 2.2 | 2.8 | 590 | 30 | 20 | 10 | 4 |
| LN833WPH | Orange | White Diffused | 2.0 | 0.75 | 20 | 2.1 | 2.8 | 630 | 40 | 20 | 10 | 3 |
| Unit | — | — | mcd | mcd | mA | V | V | nm | nm | mA | μA | V |

