

Surface Mounting Chip LED

TSS Bi-Color Type

Conventional Part No. Global Part No. Lighting Color
 LNJ115W88RA LNJ115W88RA Green / Amber
 LNJ115W8VRA LNJ115W8VRA Pure Green / Soft Orange
 LNJ115W8HRAS LNJ115W8HRAS Blue / 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) |
|----------------|---------------------|---------------------|-----------------------|--------------------|-----------------------|-----------------------|
| Green | 60 | 20 | 60 | 4 | -30 ~ +85 | -40 ~ +100 |
| Amber | 60 | 20 | 60 | 3 | -30 ~ +85 | -40 ~ +100 |
| Pure Green | 40 | 10 | 50 | 5 | -30 ~ +85 | -40 ~ +100 |
| Soft Orange | 55 | 20 | 60 | 4 | -30 ~ +85 | -40 ~ +100 |
| Blue | 40 | 10 | 50 | 5 | -30 ~ +85 | -40 ~ +100 |
| Red | 60 | 20 | 60 | 3 | -30 ~ +85 | -40 ~ +100 |

I_{FP}的条件は 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 | | | V _F | | λ _p | Δλ | I _F | I _R | | V _R |
|-----------------------|----------------|----------------|----------------|------|----------------|----------------|------|----------------|-----|----------------|----------------|----|----------------|
| | | | Typ | Min | I _F | Typ | Max | Typ | Typ | | Max | μA | |
| LNJ115W88RA | Green | White Diffused | 5.0 | 1.8 | 10 | 1.9 | 2.03 | 565 | 30 | 10 | 10 | 4 | |
| | Amber | White Diffused | 21 | 7 | 10 | 1.95 | 2.5 | 595 | 20 | 10 | 100 | 4 | |
| LNJ115W8VRA | Pure Green | White Diffused | 34 | 10.3 | 5 | 3.0 | 3.7 | 525 | 45 | 5 | 10 | 5 | |
| | Soft Orange | White Diffused | 21 | 7 | 10 | 1.95 | 2.5 | 615 | 20 | 10 | 100 | 4 | |
| LNJ115W8HRAS | Blue | White Diffused | 8.5 | 3.2 | 5 | 3.2 | 3.7 | 470 | 30 | — | — | — | |
| | Red | White Diffused | 6.7 | 2.2 | 10 | 1.72 | 2.5 | 655 | 20 | 10 | 100 | 3 | |
| Unit | — | — | mcd | mcd | mA | V | V | nm | nm | mA | μA | V | |

