

LTP-1257AA/1357AA(Red Orange) & LTP-1457AE/1557AE

| Parameter | Symbol | Min. | Typ. | Max. | Unit | Test Condition |
|-----------------------------------|-----------------|------|------|------|----------|-------------------------|
| Average Luminous Intensity | I_V | 1780 | 4000 | | μ cd | $I_P=80mA$ 1/16 Duty |
| Peak Emission Wavelength | λ_P | | 630 | | nm | $I_F=20mA$ |
| Spectral Line Half-Width | $\Delta\lambda$ | | 40 | | nm | $I_F=20mA$ |
| Dominant Wavelength | λ_d | | 621 | | nm | $I_F=20mA$ |
| Forward Voltage, any Dot | V_F | | 2.0 | 2.6 | V | $I_F=20mA$ |
| | | | 2.6 | 3.4 | V | $I_F=80mA$ |
| Reverse Current, any Dot | I_R | | | 100 | μ A | $V_R=5V$ |
| Luminous Intensity Matching Ratio | I_V-m | | | 2:1 | | $I_F=10mA$ |

LTP-1457AC/1557AC

| Parameter | Symbol | Min. | Typ. | Max. | Unit | Test Condition |
|-----------------------------------|-----------------|------|-------|------|----------|-------------------------|
| Average Luminous Intensity | I_V | 5400 | 12000 | | μ cd | $I_P=80mA$ 1/16 Duty |
| Peak Emission Wavelength | λ_P | | 660 | | nm | $I_F=20mA$ |
| Spectral Line Half-Width | $\Delta\lambda$ | | 35 | | nm | $I_F=20mA$ |
| Dominant Wavelength | λ_d | | 638 | | nm | $I_F=20mA$ |
| Forward Voltage, any Dot | V_F | | 1.8 | 2.4 | V | $I_F=20mA$ |
| | | | 2.0 | 2.7 | V | $I_F=80mA$ |
| Reverse Current, any Dot | I_R | | | 100 | μ A | $V_R=5V$ |
| Luminous Intensity Matching Ratio | I_V-m | | | 2:1 | | $I_F=10mA$ |

Note: Luminous intensity is measured with a light sensor and filter combination that approximates the CIE (Commission Internationale De L'Eclairage) eye-response curve.

