

Q810LTY4D-H

10mm Ultra Bright Yellow LED Lamps

10mm with AlGaInP Dice

Encapsulated with Water Clear Lens Package

Long Leads

Absolute Maximum Ratings :

| Parameter | Maximum Rating | Unit |
|-----------------------------|---|------|
| Peak Forward Current | 120 | mA |
| Continuous Forward Current | 30 | mA |
| Operating Temperature Range | -20 to +75 | |
| Storage Temperature Range | -40 to +100 | |
| Lead Soldering Temperature | 260 for 3 seconds 1.6mm (0.063 inch) from body | |

Electro-Optical Characteristics $T_a = 25$

| Parameter Radiant | Test Condition | Symbol | Min. | Typ. | Max. | Unit |
|--------------------|---------------------|-----------------|------|------|------|---------------|
| Forward Voltage | $I_f = 20\text{mA}$ | V_f | 1.80 | 2.0 | 2.4 | V |
| Reverse Current | $V_r = 5\text{V}$ | I_r | | | 10 | μA |
| Luminous Intensity | $I_f = 20\text{mA}$ | I_v | | 6500 | | mcd |
| Spectral Bandwidth | $I_f = 20\text{mA}$ | $\Delta\lambda$ | | 20 | | nm |
| Wavelength | $I_f = 20\text{mA}$ | λ_p | | 595 | | nm |
| | | λ_d | | 590 | | nm |
| Half View Angle | $I_f = 20\text{mA}$ | $2\theta_{1/2}$ | | 30 | | deg |

Package

Item: (10mm) 810

