**LC LED 10mm RGB LED Lamp Milky Diffused (Common Anode)**

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| **PRODUCT DESCRIPTION** |  |
| (1) RoHs Compliant Part | (4) Selected and Sorted by Voltage, Color & Intensity Bins |
| (2) Super Bright RGB 10mm LED | (5) Sun Light Viewable LED Lamp |
| (3) Excellent color mixing characteristics | (6) Rugged design suitable for both indoor & outdoor use |

**Absolute Maximum Rating (Ta = 250C)**

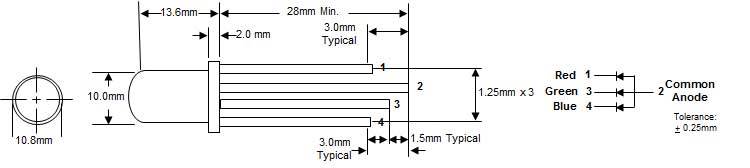
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| **PARAMETER** | **MAXIMUM RATING** | **UNITS** |
| DC Forward Current | 30 | mA |
| Peak Pulse Forward Current (1) | 100 | mA |
| Avg. Forward Current | 30 | mA |
| Operating Temperature | -40 to +85 | 0C |
| Storage Temperature | -40 to +100 | 0C |
| Lead Soldering Temperature | 2600C for 6 seconds (1.0mm or 0.63 inch from Body) | |

(1)  Pulse conditions of 1/10 duty and 10msec width, for long operating life, max. of 20mA recommended

**Electro-optical Characteristics (Ta = 250C)**

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| **PARAMETER** | **SYMBOL** | **CONDITIONS** | **MIN.** | **TYP.** | **MAX.** | **UNIT** |
| Forward Voltage (Red) | VF(Red) | IF = 20mA | 1.7 |  | 2.3 | V |
| Forward Voltage (Green) | VF(Green) | IF = 20mA | 3.0 |  | 3.6 | V |
| Forward Voltage (Blue) | VF(Blue) | IF = 20mA | 3.0 |  | 3.6 | V |
| Dominant Wavelength (Red) | lD | IF = 20mA | 460 |  | 475 | nm |
| Dominant Wavelength (Green) | lD | IF = 20mA | 515 |  | 525 | nm |
| Dominant Wavelength (Blue) | lD | IF = 20mA | 625 |  | 635 | nm |
| Luminous Intensity (Red) | IV | IF = 20mA |  | 1,500 |  | mcd |
| Luminous Intensity (Green) | IV | IF = 20mA |  | 2,500 |  | mcd |
| Luminous Intensity (Blue) | IV | IF = 20mA |  | 1,200 |  | mcd |

**DEVICE DRAWING**




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| LC LED Corporation |