

Selection Guide

| Part No. | Dice | Lens Type | Iv (mcd) [2] V= 5V | | Viewing Angle [1] |
|----------------|-------------|----------------|-----------------------|------|-------------------|
| | | | Min. | Typ. | 2θ1/2 |
| L-934EW/1GD-5V | Green (GaP) | GREEN DIFFUSED | 8 | 20 | 60° |

Notes:

1. θ1/2 is the angle from optical centerline where the luminous intensity is 1/2 the optical centerline value.
2. Luminous intensity/ luminous Flux: +/-15%.

Electrical / Optical Characteristics at TA=25°C

| Symbol | Parameter | Device | Typ. | Max. | Units | Test Conditions |
|--------|--------------------------|--------|------|------|-------|-----------------|
| λpeak | Peak Wavelength | Green | 565 | | nm | VF=5V |
| λD [1] | Dominant Wavelength | Green | 568 | | nm | VF=5V |
| Δλ1/2 | Spectral Line Half-width | Green | 30 | | nm | VF=5V |
| IF | Forward Current | Green | 11.5 | 17.5 | mA | VF=5V |
| IR | Reverse Current | Green | | 10 | uA | VR = 5V |

Note:

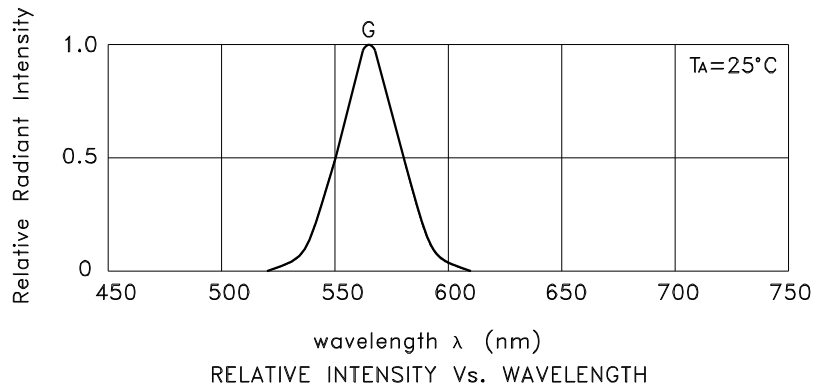
- 1.Wavelength: +/-1nm.

Absolute Maximum Ratings at TA=25°C

| Parameter | Green | Units |
|-----------------------------|---------------------|-------|
| Power dissipation | 85 | mW |
| Forward Voltage | 6 | V |
| Reverse Voltage | 5 | V |
| Operating Temperature | -40°C To +70°C | |
| Storage Temperature | -40°C To +85°C | |
| Lead Solder Temperature [1] | 260°C For 3 Seconds | |
| Lead Solder Temperature [2] | 260°C For 5 Seconds | |

Notes:

1. 2mm below package base.
2. 5mm below package base.



Green

L-934EW/1GD-5V

