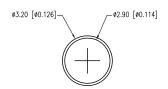
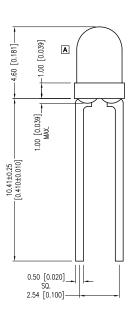
| PART NUMBER | SSL-LX3044GD-22863 | REV. | С |
|-------------|-------------------------------------|------|------|
| DATE | E.C.N. NUMBER AND REVISION COMMENTS | | REV. |
| 04.28.92 | REDRAWN/ REMOVED FLAT WHERE NOTED. | | Α |
| 11.28.94 | REDRAWN, UPDATED SPECS. | | В |
| 11.14.12 | E.C.N. #10BRDR. & REDRAWN. | | С |





| PARAMETER | MIN | TYP | MAX | UNITS | TEST COND |
|--------------------|----------------|-----|-----|----------|-----------|
| PEAK WAVELENGTH(G) | | 565 | | nm | |
| FORWARD VOLTAGE | | 2.1 | 2.8 | Vf | |
| REVERSE VOLTAGE | 5.0 | | | Vr | Ir=100µA |
| AXIAL INTENSITY | | 15 | | mcd | If=20mA |
| VIEWING ANGLE | | 80 | | 2x theta | |
| EMITTED COLOR: | GREEN | | | | |
| LENS FINISH: | GREEN DIFFUSED | | | | |

| PARAMETER | MAX | UNITS |
|-----------------------|------------|-------|
| PEAK FORWARD CURRENT* | 150 | mA |
| AVG FORWARD CURRENT | 25 | mA |
| POWER DISSIPATION | 105 | mW |
| DERATE FROM 25°C | -1.2 | mW/°C |
| OPERATING TEMP. | -40 TO +85 | *C |
| STORAGE TEMP. | -40 TO +85 | *C |
| SOLDERING TEMP. | +260 | *C |
| 2.0mm FROM BODY | 3 | SEC. |

RELIABILITY NOTE
OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE
THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND
FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING
PROCESS.

TOLERANCE ±0.2 (±.008)
LEAD FINISH: TIN/LEAD

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= $\frac{+0.00}{-0.00}$ PRECISION MAX. $\frac{+0.00}{-0.00}$ PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= $\frac{+0.00}{-0.00}$ PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= $\frac{+0.00}{-0.00}$ PRECISION MAX. $\frac{+0.00}{-0.00}$ PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= $\frac{+0.00}{-0.00}$ PRECISION MAX. $\frac{+0.00}{-0$



CAROL STREAM, IL 60188-4900 PHONE: +1.800.278.5666 FAX: +1.630.315.2152 WEB: WWW.LUMEX.COM MEMBER OF 17W PHOTONICS GROUP T-3 (T-1) LED, GREEN DIFFUSED

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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