



**NOTE:**  
1."L X" OR "LUMEX"

| PART NUMBER |                                       | SSF-LXH240GGD | REV      | I |
|-------------|---------------------------------------|---------------|----------|---|
| REV         | E.C.N. NUMBER AND REVISION COMMENTS   |               | DATE     |   |
| A           | CHG'D LEAD LENGTHS.                   |               | 8.9.93   |   |
| B           | CHG'D LEAD LENGTHS.                   |               | 8.27.93  |   |
| C           | CHG'D HOLDER BOTTOM & SAFE OP. SPECS. |               | 8.19.94  |   |
| D           | UPDATED SPECS.                        |               | 11.29.94 |   |
| E           | CHG'D STAND-OFF TO 4 FOOD CONSTR.     |               | 1.9.95   |   |
| F           | E.C.N. #10100                         |               | 10.9.95  |   |
| G           | E.C.N. #10104                         |               | 2.6.96   |   |
| H           | E.C.N. #10BRDR. & REDRAWN.            |               | 3.5.01   |   |
| I           | ECN-Lumex201700040                    |               | 8.1.17   |   |

**ELECTRO-OPTICAL CHARACTERISTIC TA=25°C**

| PARAMETER          | MIN            | TYP | MAX | UNITS      | TEST COND |
|--------------------|----------------|-----|-----|------------|-----------|
| PEAK WAELENGHT     | -              | 565 | -   | nm         | If=20mA   |
| FORWARD VOLTAGE    | -              | 2.2 | 2.6 | Vf         | If=20mA   |
| REVERSE VOLTAGE    | -              | -   | 5   | Vr         | Ir=100uA  |
| LUMINOUS INTENSITY | -              | 40  | -   | mcd        | If=20mA   |
| VIEWING ANGLE      | -              | 60  | -   | 2x theta/2 | -         |
| EMITTED COLOR      | GREEN          |     |     |            |           |
| EPOXY LENS FINISH  | GREEN DIFFUSED |     |     |            |           |

**ABSOLUTE MAXIMUM RATINGS TA=25°C**

| PARAMETER             | MAX              | UNITS |
|-----------------------|------------------|-------|
| PEAK FORWARD CURRENT* | 150              | mA    |
| FORWARD CURRENT       | 25               | mA    |
| POWER DISIPATION      | 105              | mW    |
| STORAGE TEMPERATURE   | -40 TO +85       | °C    |
| OPERATING TEMPERATURE | -40 TO +85       | °C    |
| SOLDERING TEMP.       | 3 SEC. MAX @ 260 | °C    |

\* t<10us  
\*\* 2.00mm FROM BODY

| ITEM NO. | PARTS             | QTY. | DESCRIPTION       |
|----------|-------------------|------|-------------------|
| 1        | SSH-LXH240 HOLDER | 1    | BLACK NYLON 94V-0 |
| 2        | SSL-LX3044GD LED  | 2    | -                 |

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9.65(L)\*4.32(W)\*10.77(H)mm, T-3mm RIGHT ANGLE FAULT INDICATOR LED, DUAL 565nm GREEN LEDS, GREEN DIFFUSED.  
\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\*  
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DATE : 2017.08.01 DRAWN BY : C.C.  
PAGE : 1 OF 1 CHKD BY : G.Y.  
SCALE : NTF APRVD BY : E.C.  
UNIT : mm [INCH]

\*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=<sup>+0.00</sup>/<sub>-0.00</sub> DECIMAL PRECISION MAX = <sup>+0.00</sup>/<sub>-0.00</sub> DECIMAL PRECISION