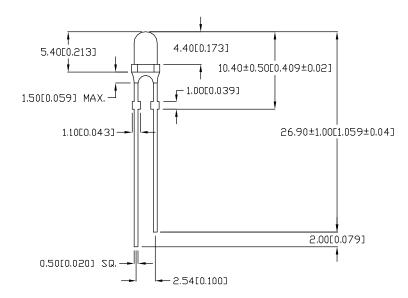
DATE	REVISIONS	REV

DRAWING NUMBER
SSL-LX3055UWC104

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## HANDLING PROCESS NOTE

 STATIC ELECTRICITY AND SURGE WILL DAMAGE THE LED. IT IS RECOMMENDED WHEN HANDLING THE LED, TO USE ANTI-ELECTROSTATIC GLOVE OR WRISTBAND. ALL DEVICES, EQUIPMENT AND MACHINERY SHOULD BE PROPERLY GROUNDED.

#### ELECTRO-OPTICAL CHARACTERISTICS TA = 25°C If = 20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH FORWARD VOLTAGE REVERSE VOLTAGE AXIAL INTENSITY VIEWING ANGLE EMITTED COLOR: EPOXY LENS FINISH:	5.0 WHITE WATER	(WHITE) 3.6 360 60 CLEAR LENS	4.0	nm V <sub>f</sub> V <sub>r</sub> mcd 2x theta	I <sub>r</sub> = 50 uA I <sub>f</sub> =20mA

### LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT* STEADY CURRENT POWER DISSIPATION DERATE FROM 25°C OPERATING TEMP. STORAGE TEMP. SOLDERING TEMP. 2.0mm FROM BODY	80 25 100 -1.2 -20 TO +80 -30 TO +100 +260	mA mA mW mW/*C *C *C *C 3 SEC. MAX

<sup>\*</sup> tw≤10mS, D.F.≤ 10%

#### 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.



290 E. HELLEN ROAD PALATINE, ILLINOIS 60067 (847) 359-2790

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DATE: 11-10-97 DWN: CHK'D: APPD:

SCALE: N/A

T-1 (T-3mm) LED, ULTRA-BRIGHT, WHITE, WATER CLEAR LENS, WITH STANDOFF.

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