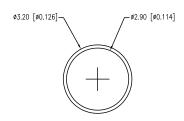
	PART NUMBER	SSL-LX3044GC-1521	REV.	D	
	DATE E.C.N. NUMBER AND REVISION COMMENTS				
04.28.92 REDRAWN/ REMOVED FLAT WHERE NOTED.					
	06.04.92	CHNG'D DIM "3.56-4.06" TO "3.43-4.19", DIM "4.83-5.3	3" TO	В	
	11.28.94	UPDATED SPECS. E.C.N. #10BRDR. & REDRAWN.			
	11.14.12				



(a) 4.7–5.46 [0.185–0.215] +	1.0 [0.039] — 1.00 [0.039] MAX.	A	(a) 3.45-4.19 [0.135-0.165]
4.7–5.4 (0.185–0	0.50 [0.020		3.4

ELECTRO-OPTICAL	CHARACTERISTICS Ta=25°C	If=20mA			
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		30		mcd	If=20mA
VIEWING ANGLE		20		2x theta	
EMITTED COLOR:	GREEN				
LENS FINISH:	WATER CLEAR				

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
AVG FORWARD CURRENT*	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.6	m <b>W</b> /⁺C
OPERATING TEMP.	-40 TO +85	*C
STORAGE TEMP.	-40 TO +85	•c
SOLDERING TEMP.	+260	•c
2.0mm FROM BODY	3	SEC.

## RELIABILTY NOTE

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

\*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=  $^{+0.00}_{-0.00}$  MAX.=  $^{+0.00}_{-0.00}$ 



425 N. GARY AVE. CAROL STREAM, IL 60188-4900 PHONE: +1.800.278.5666 FAX: +1.630.315.2152 WEB: WWW.LUMEX.COM MEMBER OF ITW PHOTONICS GROUP

T-3	(T-1)	) LED,	GREEN,	WATER	CLEAR	LENS	
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\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\*

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