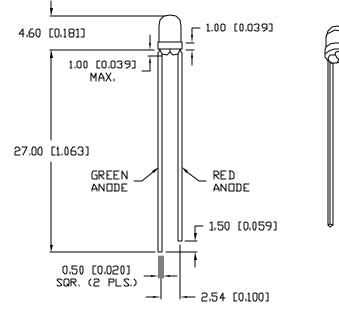
## UNCONTROLLED DOCUMENT

PART NUMBER

SSL-LX3044GIW

Ø3.20 [Ø0.126] — \_ \_ Ø2.90 [Ø0.114] +



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}C$				ImA	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (Green	)	nm	
		635 (RED)		nm	
FORWARD VOLTAGE (G,	/R}	2.2/2.0	2.6/2.5	۷f	
REVERSE VOLTAGE	5.0			٧r	I <sub>r</sub> =100,µА
axial intensity		20		mcd	lf=20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR;	GREEN/RED				
EPOXY LENS FINISH;	MILKY WHITE				

## LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(G/R)	25/30	mA
POWER DISSIPATION		105	тW
DERATE FROM 25°C		-1.6	m₩/"C
OPERATING, STORAGE TEMP.		-40 TD +85	۲Ċ
Soldering Temp.		+ 260	<b>'</b> C
2.0mm FROM BODY			3 SEC. MAX
* 1 <40.5			

\* t<10אS

	"UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.03	99), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LE	L/// AD SIZE=±0.05 (±0.002), I	CONTROL LEAD LENGTH=±0.75 (±0.03	LED DC 0), MN= +DECINAL PRECISIO	7 <i>CUM</i> ™ wax.= ±0.0	ENT D CIVAL PRECISION
REV.	PART NUMBER	<u>confidential information</u> The information contained in this document is the property of	1 1114		E. HELEN ROA ATINE. IL 6006	\D 37—6976	
	SSL-LX3044GIW	LUMEX NG. EXCEPT AS SPECFICALLY AUTHORIZED IN WRITING BY LUNEX INC, THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCUSTRE AND DISSEMINATION TO ALL THRO PARTIES.	Vie Tourie Ebraguis To Wa		WEB: www.lume WEB: www.lume	9.2790 x.com	
Т	3mm (T–1) 565nm GREEN/635nm RED BICOLOR LED,	RELIABILITY NOTE OUR NAMY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT	DRAWN BY:		APPROVED BY:		5.8.01
	MILKY WHITE DIFFUSED LENS.	Solder heat is a major cause of early and future failure. Please pay attention to your soldering process.	BC			PAGE: SCALE:	1 OF 1 N/A

REV.

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