



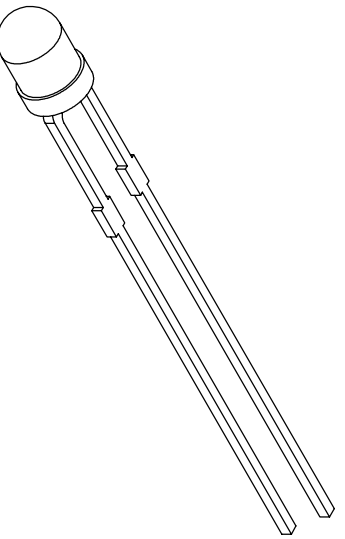
**THE DATASHEET OF  
SSL-LX3044YD**



PART NUMBER		SSL-LX3044YD		REV.	F
DATE	E.C.N. NUMBER AND REVISION COMMENTS			REV.	
04.28.92	REMOVED FLAT EDGE FROM FLANGE.			A	
11.28.94	UPDATED SPECS.			B	
02.21.95	UPDATED VIEW ANGLE.			C	
04.11.01	E.C.N. #10BRDR. & REDRAWN.			D	
05.06.11	E.C.N. #11717/10BRDR. & REDRAWN.			E	
06.23.11	E.C.N. #11729.			F	

03.20 [00.126]

02.90 [00.114]



[E] ELECTRO-OPTICAL CHARACTERISTICS TA = 25°C H=20mA

PARAMETER	MIN	TPP.	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585		nm	
FORWARD VOLTAGE		2.1	2.5	Vf	I <sub>f</sub> =100mA
REVERSE VOLTAGE	5.0			Vr	
AXIAL INTENSITY		15		mod	I <sub>f</sub> =20mA
VIEWING ANGLE		40		2x theta	
EMITTED COLOR:		YELLOW			
EPOXY LENS FINISH:		YELLOW DIFFUSED			

[E] LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	140	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	75	mW
DERATE FROM 25°C	-1.6	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC. MAX.

\* I<sub>C</sub>10y5

0.028] MAX. [E]

1.00 [0.039] MAX.

1.50 [0.059]

0.100]

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T-3mm (T-1) 585nm YELLOW LED, YELLOW DIFFUSED LENS.  
\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT\*\*  
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DATE:	05.06.11	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]		

## Looking for pricing, stock, or lifecycle information?

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