



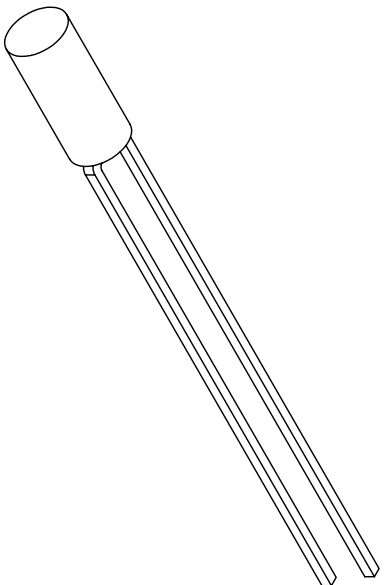
**THE DATASHEET OF
SSL-LX30FT4YD**



PART NUMBER	SSL-LX30FT4YD		REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.	
10.02.00	E.C.N. #10666.		A	
05.10.12	E.C.N. #10BRDR. & REDRAWN.		B	

ELECTRO-OPTICAL CHARACTERISTICS I_a=25°C I_f=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.1	2.5	V _f	I _f =100μA
REVERSE VOLTAGE	5.0			V _r	I _f =20mA
AXIAL INTENSITY		9		med	
VIEWING ANGLE		100		2x theta	
EMITTED COLOR:	YELLOW				
LENS FINISH:	YELLOW DIFFUSED				



LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	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.

* I_t10μs

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, DECIMAL PRECISION MAX.= +0.00, DECIMAL PRECISION

EN ROUTE 60067-6976
947.359.2790
LUXEY.COM
/TW PHOTONICS GROUP

T-3mm (T-1) 585nm YELLOW, FLANGELESS FLAT TOP LED, YELLOW TOP DIFFUSED LENS.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT

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