



PART NUMBER	SSL-LX5093SRSGW	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
11.16.92	CHG'D POWER DISSIPATION.		А
10.11.94	UPDATED SPECS.		В
10.25.06	E.C.N. #11148.		С
09.27.12	E.C.N. #10BRDR. & REDRAWN.		D

PARAMETER	MIN	TYP	MAX	UNITS	TEST CO
PEAK WAVELENGTH	(R/G)	660/565		nm	
FORWARD VOLTAGE	(R/G)	1.7/2.2	2.2/2.6	Vf	
REVERSE VOLTAGE	5.0			Vr	lr=100µ
AXIAL INTENSITY	(R/G)	140/25		mcd	lf=20m
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	MILKY WHITE DIFF	USED			

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT (R/G)	30/25	mA
POWER DISSIPATION (R/G)	100/105	mW
DERATE FROM 25°C	-1.2	mW/*C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	•C
2.0mm FROM BODY	3	SEC.

*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= +DECIMAL PRECISION MAX.= +0.00 +DECIMAL PRECI	'ENT
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ſ		425 N. GARY AVE.	QUASARBRITE T-5mm (T-1 3/4) 660/565nm SUPER RED/GREEN LED, MILKY WHITE DIFFUSED LENS.	DATE:	09.27.12	DRAWN BY:	AB
<u> </u>	CAROL STREAM, IL 60188-4900 PHONE: +1.800.278.5666	**THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.**	PAGE:	1 OF 1	CHKD BY:	KF	
		FAX: +1.630.315.2152 WEB: WWW.LUMEX.COM	CONFIDENTIAL INFORMATION	SCALE:	NTS	APRVD BY:	KF
Creating LED and		MEMBER OF ITW PHOTONICS GROU	THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.	UNIT:	mm [INCH]	N NO	

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