

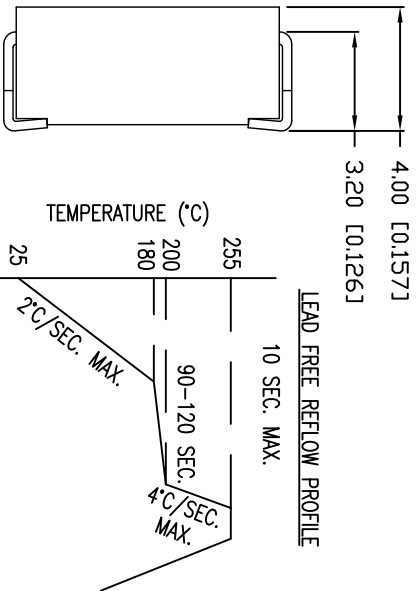


**THE DATASHEET OF
SML-LXIL3333SIC-TR**



PART NUMBER	SML-LX1L3335SIC-TR		REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.	A
10.03.13	E.C.N. #10BRDR. & REDRAWN.		REV.	B
10.03.13	E.C.N. #11880.			

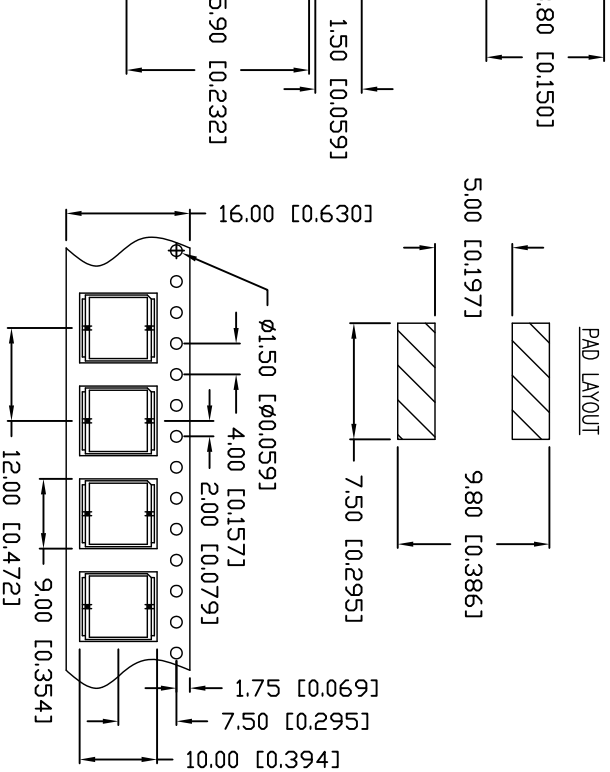
[A]



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$

PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS	TEST COND
DOMINANT WAVELENGTH			625		nm	
FORWARD VOLTAGE	V_f		2.2		V	$I_f=20\text{mA}$
REVERSE VOLTAGE	V_r			5	V	$I_r=10\mu\text{A}$
AXIAL INTENSITY	I_v			150000	mcd	$I_f=20\text{mA}$
VIEWING ANGLE				8	$1/2x$ theta	
EMITTED COLOR:		RED				
EPOXY LENS FINISH:		WATER CLEAR				

TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.



LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	SYMBOL	MAX	UNITS
STEADY CURRENT	I_f	60	mA
POWER DISSIPATION	P_d	150	mW
OPERATING TEMP.	T_{OPR}	-30 TO +85	°C
STORAGE TEMP.	T_{STG}	-30 TO +90	°C

NOTES:

CATHODE IS ORIENTED TOWARDS THE TAPE SPOCKET HOLE.

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 4 STANDARDS

X.X= ± 1 (+0.039), X.X= ± 0.5 (+0.020), XXX= ± 0.25 (+0.010), XXXX= ± 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

UNCONTROLLED DOCUMENT

DATE: 10.03.13 DRAWN BY: MA
 PAGE: 1 OF 2 CHKD BY: KF
 SCALE: NTS APRVD BY: KF
 UNIT: mm [INCH]

NARROW BEAM 8mm STM LED, 625nm RED LED, WATER CLEAR LENS.

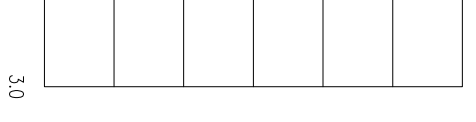
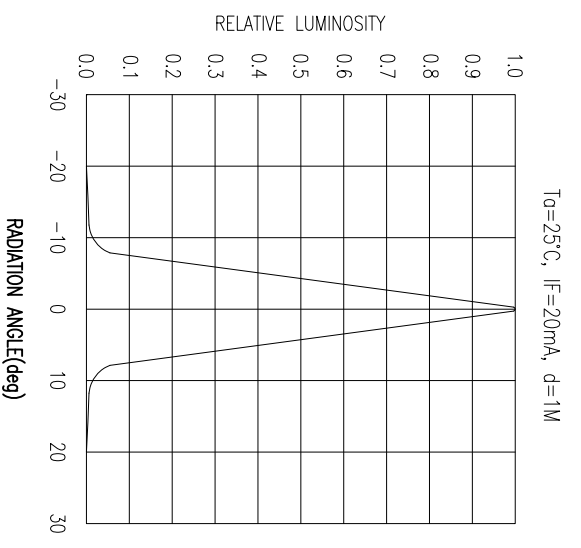
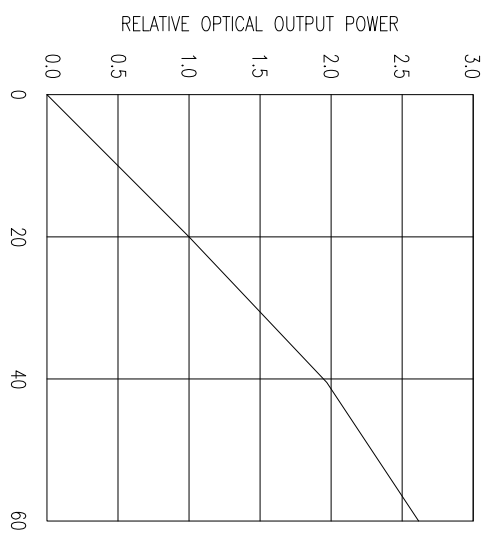
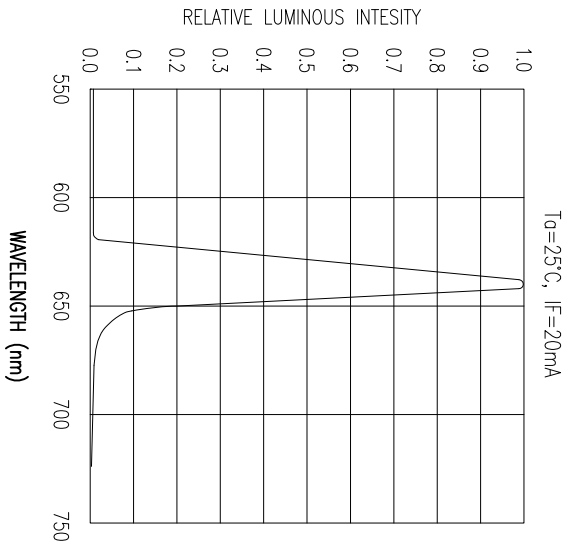
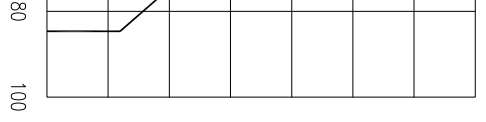
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LY A/E:
 AM: TL 60188-4900
 602763666
 33152152
 LUXEY.COM
 PHOTONICS GROUP

NARROW BEAM 8mm STM LED, 625nm RED LED, WATER CLEAR LENS.
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