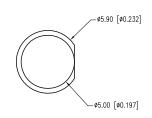
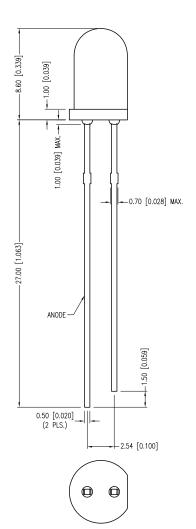
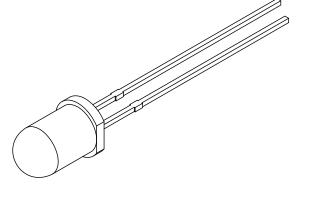
UNCONTROLLED DOCUMENT







PART NUMBER	SSL-LX5093SUGD R	REV.	В
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
10.25.06	E.C.N. #11148.		Α
09.28.12	E.C.N. #10BRDR. & REDRAWN.		В

EPOXY LENS FINISH: GREEN DIFFUSED

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA PARAMETER TYP MAX UNITS TEST COND PEAK WAVELENGTH 574 FORWARD VOLTAGE 2.2 2.6 Vf REVERSE VOLTAGE 5.0 Vr Ir=100µA AXIAL INTENSITY 170 If=20mA mcd VIEWING ANGLE 60 2x theta EMITTED COLOR: GREEN

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	200	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	60	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.
* t<10µS		

\*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=  $^{+0.00}_{-0.00}$  PRECISION MAX.=  $^{+0.00}_{-0.000}$  MAX.=  $^{+0.00}_{-0.000}$  PRECISION  $^{-0.000}_{-0.000}$  MAX.=  $^{+0.000}_{-0.000}$  PRECISION  $^{-0.000}_{-0.000}$  PRECISION  $^{-0.000}_{-0.000}$ 



425 N. GARY AVE. CAROL STREAM, IL 60188-4900 PHONE: +1.800.278.5666 FAX: +1.630.315.2152 WEB: WWW.LUMEX.COM MEMBER OF ITW PHOTONICS GROUP

QUASARBRITE T-5mm	(T-1 3/	′4) 574nm	GREEN L	.ED, GREEN	DIFFUSED.
-------------------	---------	-----------	---------	------------	-----------

CONFIDENTIAL INFORMATION
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.

DATE: 09.28.12	DRAWN BY: AB	
PAGE: 1 OF 1	CHKD BY: KF	
SCALE: NTS	APRVD BY: KF	
UNIT: mm [INCH]	(Pb)	