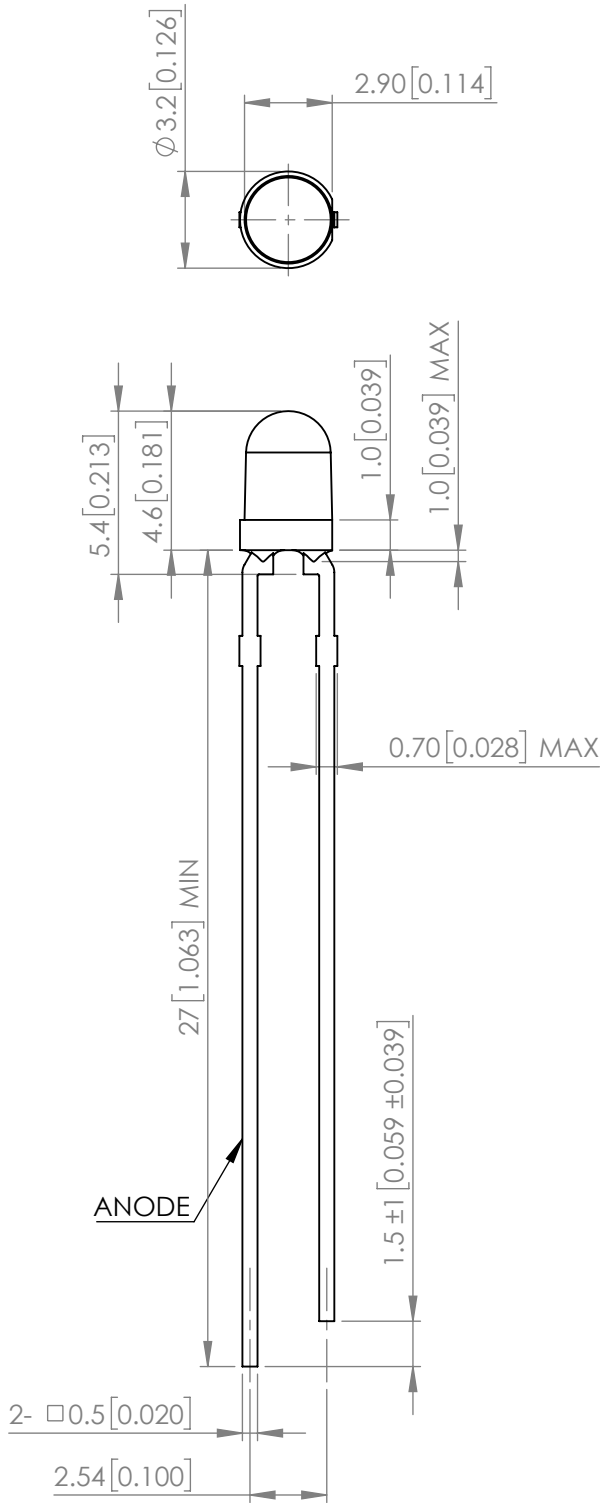


Technical drawing of a circular feature, likely a flange or hole. The drawing shows a top view with a center crosshair. A vertical dimension line on the left indicates a diameter of $\varnothing 3.2$ [0.126]. A horizontal dimension line on the right indicates a radius of 2.90 [0.114].

PART NUMBER		SSL-LX3044ID	REV	H
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	REMOVED FLAT EDGE FROM FLANGE			04.28.92
B	UPDATED SPECS			11.15.92
C	UPDATED VIEW ANGLE			01.20.95
D	UPDATED INTENSITY			02.21.95
E	E.C.N.#10BRDR. & REDRAWN IN 3D			04.11.01
F	E.C.N.#10BRDR. & REDRAWN/#11703			04.04.11
G	E.C.N.#11729			04.04.11
H	ECN-Lumex202000078			12.08.20



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAELENGHT	-	627	-	nm	If=20mA
FORWARD VOLTAGE	-	1.9	2.3	Vf	If=20mA
REVERSE CURRENT	-	-	10	uA	VR=5V
LUMINOUS INTENSITY	-	20	-	mcd	If=20mA
VIEWING ANGLE	-	50	-	2x theta1/2	-
EMITTED COLOR	RED				
EPOXY LENS FINISH	RED DIFFUSED				

ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	160	mA
FORWARD CURRENT	30	mA
REVERSE VOLTAGE	5	V
POWER DISIPATION	75	mW
STORAGE TEMPERATURE	-40 TO +85	°C
OPERATING TEMPERATURE	-40 TO +85	°C
SOLDERING TEMPERATURE**	3 SEC. MAX. @260	°C

**t<10us
**2.0mm FROM BODY

STATIC DEVICE FOLLOW PROPER
E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART

*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}/_{-0.00} MAX.= ^{+0.00}/_{-DECIMAL PRECISION}

	425 N. GARY AVE. CAROL STREAM, IL 60188 PHONE : 800-278-5666 FAX : 630-315-2150 WEB : WWW.LUMEX.COM	3.2W*4.6H, T-3mm (T-1) 627nm RED LED, RED DIFFUSED LENS.		DATE : 2020.12.08	DRAWN BY : E.C.
		THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.		PAGE : 1 OF 1	CHKD BY : E.C.
		CONFIDENTIAL INFORMATION		SCALE : NTF	APRVD BY : G.Y.
		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]	