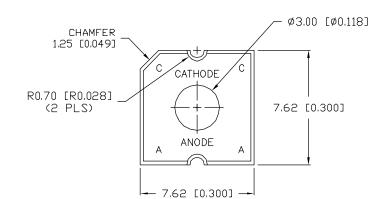
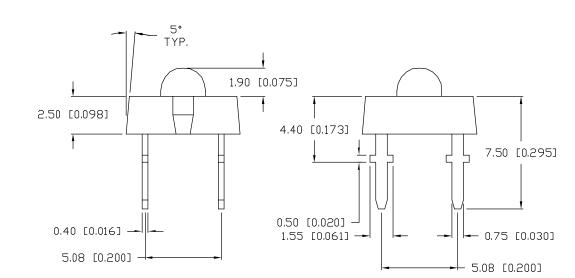
## UNCONTROLLED DOCUMENT





ELECTRD-DPTICAL CHARACTERISTICS $T_A=25^{\circ}C$ I f=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		590		nm	
FORWARD VOLTAGE		2.0	2.5	Vf	lf=20mA
REVERSE VOLTAGE	5.0			۷r	lr=10µA
LUMINOUS INTENSITY		1100		mcd	lf=70mA
TOTAL FLUX		1130		mlm	lf=20mA
VIEWING ANGLE		70		2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	WATER C	LEAR			

PART NUMBER

SSL-LX30448ZYC

## LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	175	mA
STEADY CURRENT	70	mA
POWER DISSIPATION	125	mW
DERATE FROM 25°C	- 2.0	mW/'C
OPERATING, STORAGE TEMP.	-40 TO +85	•C
SOLDERING TEMP.	+ 260	<b>°</b> C
2.0mm FROM BODY		3 SEC. MAX
* 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 (±0.030), MIN=+DECIMAL PRECISION MAX.= +0.00 -DECIMAL PRECISION MAX.= +0.00 -DECIMAL PRECISION MAX.= +0.00								
REV.	part number SSL—LX30448ZYC	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 THRED PARTIES.	We Tame Photons To War	For You PAL	E. HELEN ROAD ATINE, IL 60067 NE: +1.847.359. WEB: www.lumex. WEB: www.lumex.	'-6976 2790 .com	A	
	T-7.6 x 7.6mm LED, SUPER YELLOW LED, TS AllnGaP, WATER CLEAR LENS.	RELIABILITY NOTE OUR NANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.	DRAWN BY:		APPROVED BY: D			

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