



ELECTRO-OPTICAL CHARACTERISTICS I <sub>A</sub> =25°C I <sub>F</sub> =20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		605		nm	
FORWARD VOLTAGE		2.0	2.5	V <sub>F</sub>	I <sub>F</sub> =100μA
REVERSE VOLTAGE	5.0			V <sub>R</sub>	I <sub>F</sub> =20mA
AXIAL INTENSITY		30		mcd	
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:		AMBER			
EPoxy LENS FINISH:		AMBER DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C

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

\* t<10μS

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (+0.039), X/2=±0.5 (+0.020), X/3=±0.25 (+0.010), X/100=±0.127 (+0.005), LEAD SIZE=±0.08 (+0.002), LEAD LENGTH=±0.75 (+0.030), MIN= -0.00

REV.

PART NUMBER

SSL-LX5063AD

T=5mm (T=1 3/4) 605nm AMBER LED,  
AMBER DIFFUSED LENS.

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RELIABILITY NOTE  
OUR MANY 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.



290 E. HELEN ROAD  
PALATINE, IL 60067-6976  
PHONE: +1.847.359.2790  
US WEB: www.lumex.com  
TW WEB: www.lumex.com.tw

DRAWN BY:

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