



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$		$I_f=20\text{mA}$			
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		590 (YELLOW)		nm	
		574 (GREEN)		nm	
FORWARD VOLTAGE (Y/G)		2.0/2.2	2.5/2.6	V <sub>f</sub>	
REVERSE VOLTAGE	5.0			V <sub>r</sub>	$I_r=100\mu\text{A}$
AXIAL INTENSITY (Y/G)		200/50		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	YELLOW/GREEN				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT  $25^\circ\text{C}$ 

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT (Y/G)		30/25	mA
POWER DISSIPATION		105	mW
DERATE FROM $25^\circ\text{C}$		-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.		-40 TO +85	$^\circ\text{C}$

\*  $t < 10\mu\text{s}$ 

## NOTES:

1. SSL-LX5099SYSUGW, YELLOW/GREEN LED.
2. SSI-LXR956, CHROME HOUSING.
3. 22mm HEATSHRINK TO COVER EXTERNAL WIRES.
4. YELLOW ANODE: LXP-WST24RDTOC, 24 AWG STRANDED, RED INSULATION, CUT 150mm LONG, STRIP 3mm & 9.5mm.
5. COMMON CATHODE: LXP-WST24BLTOC, 24 AWG STRANDED, BLACK INSULATION, CUT 150mm LONG, STRIP 3mm & 9.5mm.
6. GREEN ANODE: LXP-WST24GRTOC, 24 AWG STRANDED, GREEN INSULATION, CUT 150mm LONG, STRIP, 3mm & 9.5mm.