

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		574		nm	
FORWARD VOLTAGE		2.2	2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		30		mcd	$I_f=20\text{mA}$
VIEWING ANGLE	80			2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

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

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

NOTES:

1. SSH-LXH55, BLACK NYLON HOLDER.
2. SSL-LX5573SUGD, GREEN LED.
3. PANEL CUT OUT: 8.45mm [0.345] SQR.
4. ANODE LEAD: LXP-WST24RDTOC, 24 AWG. TINNED OVERCOAT WIRE, RED INSULATION, CUT 150mm LONG, STRIP 3mm & 9.5mm.
5. CATHODE LEAD: LXP-WST24BLTOC, 24 AWG. TINNED OVERCOAT WIRE, BLACK INSULATION, CUT 150mm LONG, SRTIP 3mm & 9.5mm.
6. CRIMP WIRE LEADS TO LED LEADS.
7. 32mm 1/16" BLACK HEAT SHRINK TUBING. (2 PCS.)