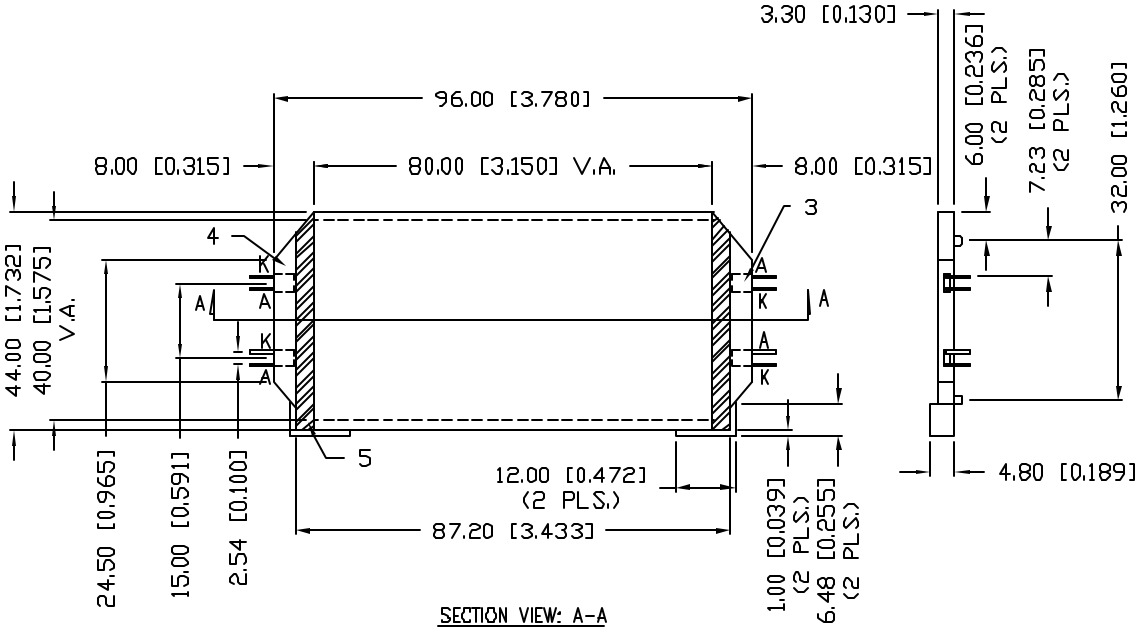
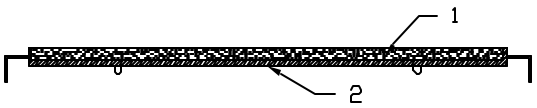
UNCONTROLLED DOCUMENT

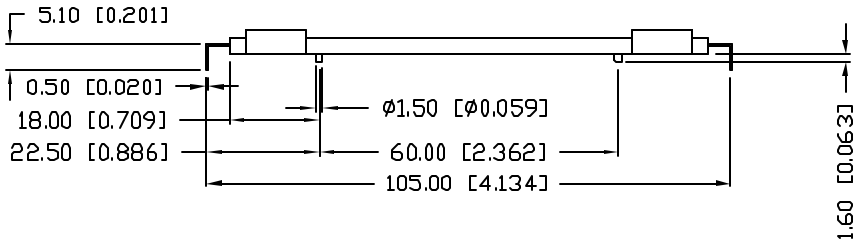
PART NUMBER	REV.
SSB-CEL8040UWW	A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11251.	6.6.05



SECTION VIEW: A-A





ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C PER MODULE I_f=10mA x 4

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		–		nm	
FORWARD VOLTAGE		3.5	3.8	V_f	
REVERSE VOLTAGE	5			V_r	I_r=0.7mA
LUMINOUS INTENSITY(*1)		140		cd/m²	I_f=10mA x 4
CHROMATICITY X		0.31			I_f=10mA x 4
COORDINATES(*2) Y		0.30			
EMITTED COLOR:	WHITE				
REFLECTOR FINISH:	WHITE DIFFUSED				

*1. LUMINOUS INTENSITY TESTING CONDITION: 550nm WAVELENGTH.
*2. THE ICI STANDARD COLORIMETRIC SYSTEM.

LIMITS OF SAFE OPERATION AT 25°C PER MODULE

PARAMETER	MAX	UNITS
STEADY CURRENT	25 x 4	mA
POWER DISSIPATION	95 x 4	mW
OPERATING TEMP.	-25 TO +85	°C
STORAGE TEMP.	-25 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

[A] NOTES:

1. LIGHT GUIDE.
2. HOUSING REFLECTOR.
3. SSL-LX123544UWC (4 PCS.).
4. SHADING TAPE.
5. DOUBLE SIDED TAPE.

UNCONTROLLED DOCUMENT

*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= $^{+\text{DECIMAL PRECISION}}_{-0.00}$ MAX.= $^{+0.00}_{-\text{DECIMAL PRECISION}}$

REV.	PART NUMBER
A	SSB-CEL8040UWW

80mm x 40mm VIEW AREA, CUSTOM EDGE LIT LED BACKLIGHT, WHITE LED, 4 CHIPS, 3.5V @ 10mA PER CHIP.

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 THIRD PARTIES.

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.

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

DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 9.13.04
JD			PAGE: 1 OF 1
			SCALE: N/A