

ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^{\circ}\text{C}$  PER MODULE  $I_f=60\text{ mA}$

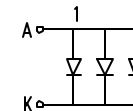
| PARAMETER              | MIN  | TYP  | MAX  | UNITS                  | TEST COND                |
|------------------------|------|------|------|------------------------|--------------------------|
| PEAK WAVELENGTH        |      | -    |      | nm                     |                          |
| FORWARD VOLTAGE        |      | 3.3  | 4    | $V_f$                  |                          |
| REVERSE VOLTAGE        | 5    |      |      | $V_r$                  | $V_r \neq 0.15\text{mA}$ |
| LUMINOUS INTENSITY(*1) |      | 170  |      | $\text{cd}/\text{m}^2$ | $I_f=60\text{ mA}$       |
| CHROMATICITY X         | 0.27 | 0.29 | 0.31 |                        |                          |
| COORDINATES(*2) Y      | 0.28 | 0.30 | 0.32 |                        |                          |

EMITTED COLOR: WHITE  
REFLECTOR FINISH: CLEAR WHITE WITH DIFFUSER

\*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            | 72         | mA         |
| POWER DISSIPATION         | 0.29       | W          |
| DERATE FROM 25°C, PER DIE | -1.2       | mW/°C      |
| OPERATING, STORAGE TEMP.  | -40 TO +85 | °C         |
| SOLDERING TEMP.           | +260       | °C         |
| 2.0mm FROM BODY           |            | 3 SEC. MAX |



\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN= <sup>+DECIMAL PRECISION</sup> <sub>-0.00</sub> MAX= <sup>+0.00</sup> <sub>-DECIMAL PRECISION</sub>

|   |                                 |   |   |
|---|---------------------------------|---|---|
| REV.  | PART NUMBER<br>SSB-CEL6334UWW/A | CONFIDENTIAL INFORMATION<br>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. | 290 E. HELEN ROAD<br>PALATINE, IL 60067-6976<br>PHONE: +1.847.359.2790<br>US WEB: www.lumex.com<br>TW WEB: www.lumex.com.tw |
| 63mm x 34mm VIEW AREA, EDGE LIT LED BACKLIGHT,<br>WHITE, 3 CHIPS, 3.3V @ 60mA |                                 | RELIABILITY NOTE<br>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.  | DRAWN BY: JD<br>CHECKED BY:<br>APPROVED BY:<br>DATE: 7.15.04<br>PAGE: 1 OF 1<br>SCALE: N/A                                  |

