

|                                                |             |                                                                                                                                                                                                                                                                                                                              |  |                                                                                       |  |                                                                                                                                                                                                      |  |
|------------------------------------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| REV.                                           | PART NUMBER | CONFIDENTIAL INFORMATION                                                                                                                                                                                                                                                                                                     |  |  |  | 290 E. HELEN ROAD<br>PALATINE, IL 60067-6976<br>PHONE: +1.847.359.2790<br>US WEB: <a href="http://www.lumex.com">www.lumex.com</a><br>TW WEB: <a href="http://www.lumex.com.tw">www.lumex.com.tw</a> |  |
| SSA-LXB120SUGD                                 |             | 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. |  |  |  |                                                                                                                                                                                                      |  |
| 5mm x 5mm SQUARE 12 LED ARRAY,                 |             | RELIABILITY NOTE                                                                                                                                                                                                                                                                                                             |  | DRAWN BY:                                                                             |  | CHECKED BY:                                                                                                                                                                                          |  |
| 574nm AlInGaP GREEN LEDS, GREEN DIFFUSED LENS. |             | 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.                                                                                                                                                       |  | CT                                                                                    |  | DATE: 5.13.03                                                                                                                                                                                        |  |
|                                                |             |                                                                                                                                                                                                                                                                                                                              |  |                                                                                       |  | PAGE: 1 OF 1                                                                                                                                                                                         |  |
|                                                |             |                                                                                                                                                                                                                                                                                                                              |  |                                                                                       |  | SCALE: N/A                                                                                                                                                                                           |  |