



Notes:

Board constructed and LEDs mounted using recommended practices as detailed in Philips/Lumileds application note AN32 - "LUXEON Rebel and LUXEON Rebel ES Assembly and Handling Guide".

Base constructed from FR4 laminate with 2 oz copper and off-white solder mask.

Assembly must be mounted to a suitable heat sink with a thermally conductive interface material such as our pre-cut thermal adhesive tape. (Part LXT-SR02-3).

In addition to a thermally conductive interface material, we also highly recommend that this assembly be fastened to the heat sink with three 4-40 screws.

| QTY | DESCRIPTION |
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|-------------------------------------|-------------|-----------|-------------|
| SCALE | 2:1 | NAME | DATE |
| UNITS | MM [INCHES] | DRAWN | RW Apr 4/11 |
| TOLERANCE | | CHECKED | WW Apr 4/11 |
| SOLDER | | RELEASED | |
| REFLOW PROFILE | | | |
| QTY PER PANEL | | COMMENTS: | |
| DEPANELIZED | | | |
| Above values unless otherwise noted | | | |
| DO NOT SCALE DRAWING | | | |

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|----------------------------------|-------------|--------------|
| Quadica Developments Inc. | | |
| PROJECT | | |
| 7 LED 40mm Round Assembly | | |
| Luxeon Star LEDs | | |
| DWG: sr-02.dwg | PART: SR-02 | REV: A |
| PROJECT ID: | | SHEET 1 OF 1 |