



| JKL PART NUMBER | LENGTH A +/- 2mm | COLOR | STARTING CIRCUIT VOLTAGE VS (Vrms) | OPERATING LAMP VOLTAGE VL (Vrms) | OPERATING LAMP CURRENT IL (mAmps) | BRIGHTNESS (CANDELA/m ²) | *RATED LIFE (HRS) |
|-----------------|------------------|---|------------------------------------|----------------------------------|-----------------------------------|--------------------------------------|-------------------|
| BF350-20B | 50mm | RGB HIGH OUTPUT WHITE 5400° KELVIN (REF.) | 500 | 195 | 5 ± 1 | 28000 ± 2800 | 20,000 |
| BF375-20B | 75mm | | 525 | 210 | 5 ± 1 | 28000 ± 2800 | 20,000 |
| BF386-20B | 86mm | | 540 | 220 | 5 ± 1 | 28000 ± 2800 | 20,000 |
| BF3100-20B | 100mm | | 665 | 270 | 5 ± 1 | 28000 ± 2800 | 20,000 |
| BF3115-20B | 115mm | | 685 | 287 | 5 ± 1 | 28000 ± 2800 | 20,000 |
| BF3130-20B | 130mm | | 705 | 305 | 5 ± 1 | 28000 ± 2800 | 20,000 |
| BF3160-20B | 160mm | | 850 | 345 | 5 ± 1 | 28000 ± 2800 | 20,000 |
| BF3180-20B | 180mm | | 940 | 380 | 5 ± 1 | 28000 ± 2800 | 20,000 |
| BF3216-20B | 216mm | | 1100 | 440 | 5 ± 1 | 28000 ± 2800 | 20,000 |
| BF3240-20B | 240mm | | 1150 | 480 | 5 ± 1 | 28000 ± 2800 | 20,000 |
| BF3250-20B | 250mm | | 1200 | 520 | 5 ± 1 | 28000 ± 2800 | 20,000 |
| BF3275-20B | 275mm | | 1275 | 593 | 5 ± 1 | 28000 ± 2800 | 20,000 |
| BF3300-20B | 300mm | | 1350 | 665 | 5 ± 1 | 28000 ± 2800 | 20,000 |
| BF3360-20B | 360mm | | 1500 | 785 | 5 ± 1 | 28000 ± 2800 | 20,000 |
| BF3380-20B | 380mm | | 1590 | 825 | 5 ± 1 | 28000 ± 2800 | 20,000 |

*NOTE: RATED LIFE IS DEFINED AS THE POINT AT WHICH THE INTENSITY BECOMES 50% OF THE INITIAL RATING.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|----------|----------------------------|----------|---|---|----------|---|----------------------------|---------|---|----------------------------|---------|---|---------------------------|---------|---|-----------------|---------|--|--------------------------------------|---------|----------|-----------------------|-------------|---|--|---|--|---|--|-----------------------------------|--|--|--|--|--|--|--|----------|--|----------------|--|--------------|--|---------------|--|------|----------|-------------|--|----------|--------------|-----------------|--|-------|---------------|---------------|----------|------|---------|----------|----------|--|--|--|--|--|--|-------|--|--|--|---|------|
| <table border="1"> <tr> <td>F</td> <td>ADD PART NUMBER BF3115-20B</td> <td>12/19/02</td> </tr> <tr> <td>E</td> <td>ADD PART NUMBER BF3180-20B & BF3380-20B</td> <td>11/30/01</td> </tr> <tr> <td>D</td> <td>ADD PART NUMBER BF3240-20B</td> <td>4/28/01</td> </tr> <tr> <td>C</td> <td>ADD PART NUMBER BF3130-20B</td> <td>9/11/00</td> </tr> <tr> <td>B</td> <td>ADD PART NUMBER BF375-20B</td> <td>4/21/00</td> </tr> <tr> <td>A</td> <td>LENGTH ±5 TO ±2</td> <td>2/25/00</td> </tr> <tr> <td></td> <td>RELEASED - CANCEL BF-3mm DIA DRAWING</td> <td>2/21/00</td> </tr> <tr> <td>REV. NO.</td> <td>DESCRIPTION/ECONUMBER</td> <td>APPV'D DATE</td> </tr> </table> | | | F | ADD PART NUMBER BF3115-20B | 12/19/02 | E | ADD PART NUMBER BF3180-20B & BF3380-20B | 11/30/01 | D | ADD PART NUMBER BF3240-20B | 4/28/01 | C | ADD PART NUMBER BF3130-20B | 9/11/00 | B | ADD PART NUMBER BF375-20B | 4/21/00 | A | LENGTH ±5 TO ±2 | 2/25/00 | | RELEASED - CANCEL BF-3mm DIA DRAWING | 2/21/00 | REV. NO. | DESCRIPTION/ECONUMBER | APPV'D DATE | <table border="1"> <tr> <td colspan="2"> METRIC THIRD ANGLE PROJECTION </td> <td colspan="2"> DIMENSIONS ARE IN MILLIMETERS TOLERANCE UNLESS OTHERWISE SPECIFIED 1 PL +/- 0.2 2 PL +/- 0.20 ANGLE +/- 0 </td> </tr> <tr> <td colspan="4" style="text-align: center;"> JKL COMPONENTS CORPORATION </td> </tr> <tr> <td colspan="4" style="text-align: center;"> MINIATURE COLD CATHODE FLUORESCENT LAMP </td> </tr> <tr> <td colspan="2">DRAWN BY</td> <td colspan="2">APPV'D BY DATE</td> </tr> <tr> <td colspan="2">L. WENGSTROM</td> <td colspan="2">F.D. 12/19/02</td> </tr> <tr> <td>SIZE</td> <td>FSCM NO.</td> <td colspan="2">DRAWING NO.</td> </tr> <tr> <td>A</td> <td>55335</td> <td colspan="2">BF 3-20B</td> </tr> <tr> <td>SCALE</td> <td>RELEASED DATE</td> <td>REVISION DATE</td> <td>REV. NO.</td> </tr> <tr> <td>NONE</td> <td>2/21/00</td> <td>12/19/02</td> <td>F</td> </tr> <tr> <td colspan="4" style="text-align: center;"> - CAD DRAWING - MANUAL REVISIONS NOT PERMITTED </td> </tr> <tr> <td colspan="2"></td> <td>SHEET</td> <td></td> </tr> <tr> <td colspan="2"></td> <td>1</td> <td>OF 1</td> </tr> </table> | | METRIC THIRD ANGLE PROJECTION | | DIMENSIONS ARE IN MILLIMETERS TOLERANCE UNLESS OTHERWISE SPECIFIED 1 PL +/- 0.2 2 PL +/- 0.20 ANGLE +/- 0 | | JKL COMPONENTS CORPORATION | | | | MINIATURE COLD CATHODE FLUORESCENT LAMP | | | | DRAWN BY | | APPV'D BY DATE | | L. WENGSTROM | | F.D. 12/19/02 | | SIZE | FSCM NO. | DRAWING NO. | | A | 55335 | BF 3-20B | | SCALE | RELEASED DATE | REVISION DATE | REV. NO. | NONE | 2/21/00 | 12/19/02 | F | - CAD DRAWING - MANUAL REVISIONS NOT PERMITTED | | | | | | SHEET | | | | 1 | OF 1 |
| F | ADD PART NUMBER BF3115-20B | 12/19/02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E | ADD PART NUMBER BF3180-20B & BF3380-20B | 11/30/01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D | ADD PART NUMBER BF3240-20B | 4/28/01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C | ADD PART NUMBER BF3130-20B | 9/11/00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | ADD PART NUMBER BF375-20B | 4/21/00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | LENGTH ±5 TO ±2 | 2/25/00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | RELEASED - CANCEL BF-3mm DIA DRAWING | 2/21/00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| REV. NO. | DESCRIPTION/ECONUMBER | APPV'D DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| METRIC THIRD ANGLE PROJECTION | | DIMENSIONS ARE IN MILLIMETERS TOLERANCE UNLESS OTHERWISE SPECIFIED 1 PL +/- 0.2 2 PL +/- 0.20 ANGLE +/- 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JKL COMPONENTS CORPORATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MINIATURE COLD CATHODE FLUORESCENT LAMP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRAWN BY | | APPV'D BY DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L. WENGSTROM | | F.D. 12/19/02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIZE | FSCM NO. | DRAWING NO. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | 55335 | BF 3-20B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCALE | RELEASED DATE | REVISION DATE | REV. NO. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NONE | 2/21/00 | 12/19/02 | F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - CAD DRAWING - MANUAL REVISIONS NOT PERMITTED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | SHEET | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 1 | OF 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |