

| JKL PART NUMBER | LENGTH (A) +/- 2mm | STARTING VOLTAGE VS (Vrms) | OPERATING VOLTAGE VL (Vrms) | OPERATING CURRENT IL (mAmps) | LAMP WATTS | PEAK WAVELENGTH nm | OUTPUT INTENSITY uW/cm2 @ 1" | OUTPUT FLUX uW (TYP.) | *RATED LIFE HOURS | GLASS PROSPHOR COLOR |
|-----------------|--------------------|----------------------------|-----------------------------|------------------------------|------------|--------------------|------------------------------|-----------------------|-------------------|----------------------|
| BF850-UVC | 50mm | 450 | 150 | 5 ± 1 | .75 | 254 | 430 | 450 | 20,000 | CLEAR |
| BF8100-UVC | 100mm | 650 | 200 | 5 ± 1 | 1.0 | 254 | 430 | 600 | 20,000 | CLEAR |

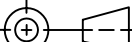
*NOTE: RATED LIFE IS DEFINED AS THE POINT AT WHICH THE OUTPUT BECOMES 50% OF THE INITIAL RATING.

ALL SPECIFICATIONS ARE TYPICAL WITH THE LAMP OPERATING AFTER STABILIZATION, AT AN AMBIENT TEMPERATURE OF 25° C.

MERCURY (Hg) CONTENT: 8.7mg MAX.

CAUTION! DIRECT EXPOSURE MAY RESULT IN EYE DAMAGE.

Spectral output in the 254nm range is particularly dangerous to human vision. Even though this lamp has low power output, appropriate precautions should be taken at all times.

| | | | | | | | | | | | |
|----------|--|-------------|---|--|--|-------|----------------------------|---------------|---------------|----------|--------|
| | | | METRIC | | DIMENSIONS ARE IN MILLIMETERS | | JKL COMPONENTS CORPORATION | | | | |
| | | |  | | TOLERANCE UNLESS OTHERWISE SPECIFIED | | TITLE | | | | |
| | | | THIRD ANGLE PROJECTION | | 1 PL +/- 0.2 2 PL +/- 0.20 ANGLE +/- 0 | | UV SHORT WAVELENGTH LAMP | | | | |
| D | OUTPUT INTENSITY TO 430 | 1/15/07 | DRAWN BY | | APPV'D BY DATE | | SIZE | FSCM NO. | DRAWING NO. | | |
| C | CHANGE nm TO 254 AND GLASS COLOR - CLEAR | 8/29/06 | L. WENGSTROM | | L. R. 1/15/07 | | A | 55335 | BF 8-UVC | | |
| B | ELECT. RATING CHART CHANGES & ADD NOTES | 5/8/06 | | | | | | | | | |
| A | ELECT. RATING & DIA. CHANGES | 10/26/05 | | | | | | | | | |
| | RELEASED TO CAD | 9/6/05 | | | | | | | | | |
| REV. NO. | DESCRIPTION/ECO NUMBER | APPV'D DATE | - CAD DRAWING - MANUAL REVISIONS NOT PERMITTED | | | SCALE | | RELEASED DATE | REVISION DATE | REV. NO. | SHEET |
| | | | | | | NONE | | 9/6/05 | 1/15/07 | D | 1 OF 1 |

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