



JKL PART NUMBER	LENGTH (A) +/- 2mm	STARTING VOLTAGE VS (Vrms)	OPERATING VOLTAGE VL (Vrms)	OPERATING CURRENT IL (mArms)	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.

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

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