

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

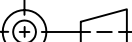
\*NOTE: RATED LIFE IS DEFINED AS THE POINT AT WHICH THE OUTPUT BECOMES 50% OF THE INITIAL RATING.

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				
			 THIRD ANGLE PROJECTION	TOLERANCE UNLESS OTHERWISE SPECIFIED		TITLE				
				1 PL +/- 0.2		UV SHORT WAVELENGTH LAMP				
				2 PL +/- 0.20						
				ANGLE +/- 0						
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