



**ELECTRICAL RATINGS**

JKL LAMP PART NUMBER	COLOR	STARTING CIRCUIT VOLTAGE VS (Vrms)	OPERATING LAMP VOLTAGE VL (Vrms)	OPERATING LAMP CURRENT IL (mArms)	BRIGHTNESS (CANDELA/m2)	*RATED LIFE (HRS)
BF3220-11B	x = 0.318±0.03 y = 0.556±0.03	1100 @ 0°C	450	5 ± 1	TYP = 38,000 MIN = 26,600	20,000

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

**LAMP CHARACTERISTICS**

LAMP REVISION NUMBER	DARK EFFECT COATING	TORR.	PHOSPHOR COATING LENGTH	ELECTRODE TYPES	GLASS TYPE	SEALING PROCESS	BRIGHTNESS LEVEL	GLASS DIA.	LAMP LIFE HOURS	MERCURY CONTENT mg
---	NO	70	204	Ni, Fe, ZrAl, TiHg	Pb GLASS	SOFT GLASS	38000	3.0mm	20000	3.1
A	YES	70	210	Ni, Fe, ZrAl, TiHg	Pb FREE GLASS	HARD GLASS	38000	3.0mm	20000	2.8
B	NO	70	204	Ni, Fe, ZrAl, TiHg	Pb FREE GLASS	HARD GLASS	38000	3.0mm	20000	2.8

<p>METRIC THIRD ANGLE PROJECTION</p>	<p>DIMENSIONS ARE IN MILLIMETERS</p> <p>TOLERANCE UNLESS OTHERWISE SPECIFIED</p> <p>1 PL +/- 0</p> <p>2 PL +/- 0</p> <p>ANGLE +/- 0</p>	<p><b>JKL COMPONENTS CORPORATION</b></p>				
		<p>TITLE: <b>MINIATURE COLD CATHODE FLUORESCENT LAMP</b></p>				
<p>B ADD LAMP REV. B TO CHARACTERISTICS CHART 10/29/07</p> <p>A ADD Pb FREE LAMP CHARACTERISTICS CHART 10/9/06</p> <p>RELEASE &amp; CANCEL P-0306-25 8/1/03</p>	<p>DRAWN BY: L. WENGSTROM</p> <p>APPVD BY: L.R. DATE: 10/29/07</p>	<p>SIZE: <b>A</b></p> <p>FSCM NO.: <b>55335</b></p>	<p>DRAWING NO.: <b>BF3220-11B</b></p>			
<p>- CAD DRAWING - MANUAL REVISIONS NOT PERMITTED</p>		<p>SCALE: <b>NONE</b></p>	<p>RELEASED DATE: <b>8/1/03</b></p>	<p>REVISION DATE: <b>10/29/07</b></p>	<p>REV. NO.: <b>B</b></p>	<p>SHEET <b>1</b> OF <b>1</b></p>

REV. NO.	DESCRIPTION/ECO NUMBER	APPVD DATE
B	ADD LAMP REV. B TO CHARACTERISTICS CHART	10/29/07
A	ADD Pb FREE LAMP CHARACTERISTICS CHART	10/9/06
	RELEASE & CANCEL P-0306-25	8/1/03