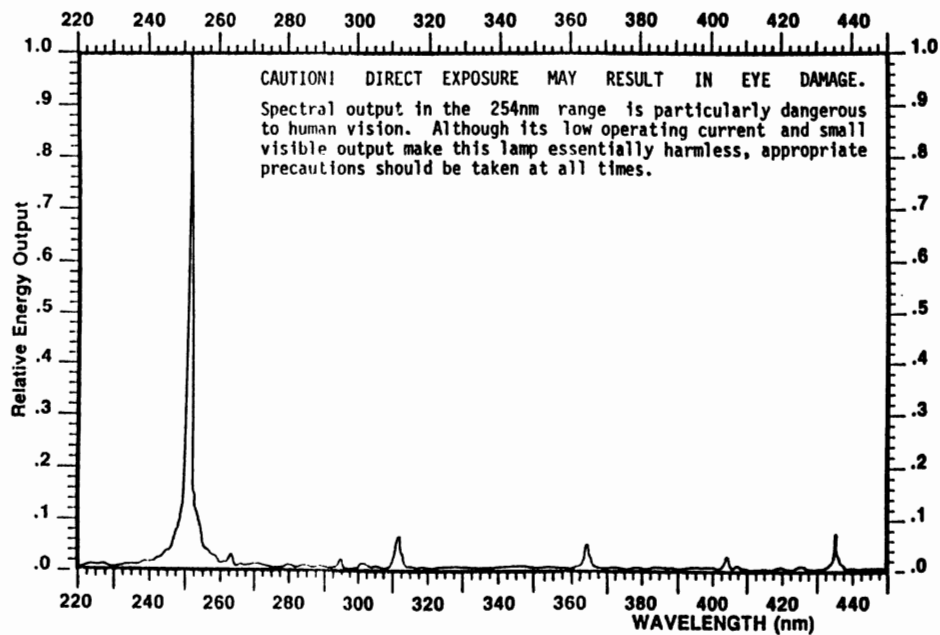
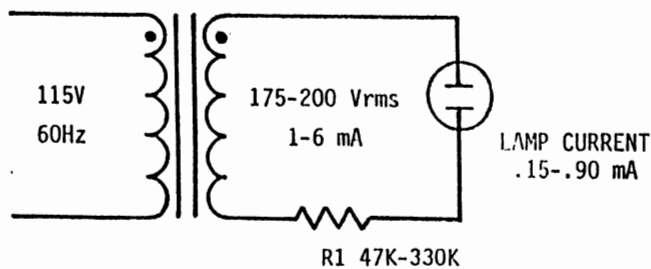


BF727-UV2

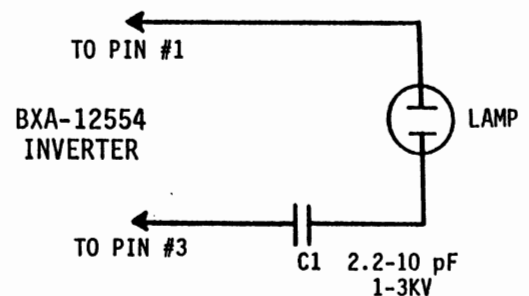
SPECTRAL EMISSIONS CHART



EVALUATION CIRCUIT #1

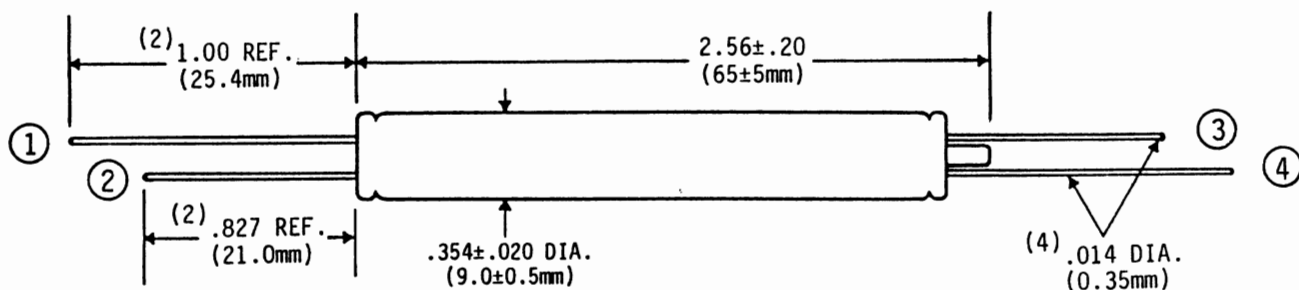


EVALUATION CIRCUIT #2



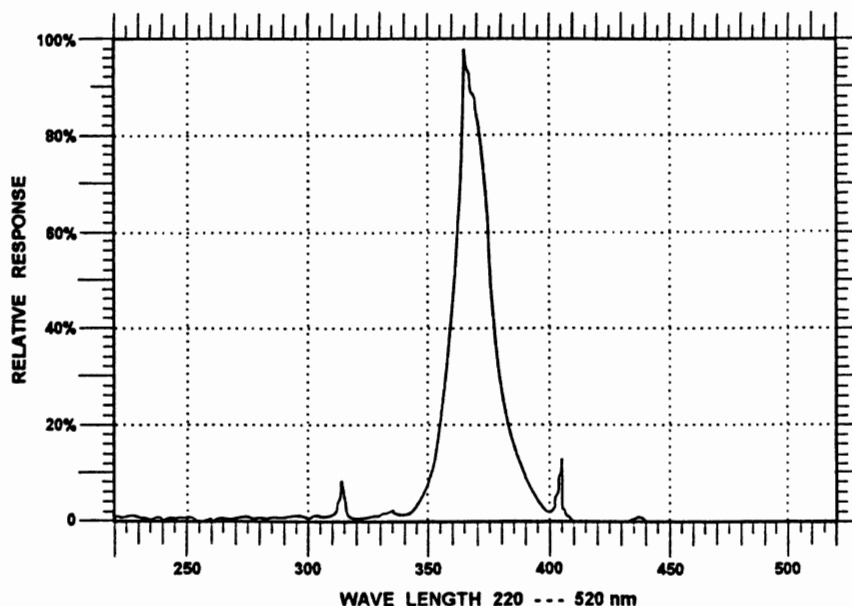
LAMP VOLTAGE	LAMP CURRENT	LAMP OUTPUT	WAVELENGTH
Vrms	mA	$\mu\text{W}/\text{CM}^2$ (SURFACE)	nm (PEAK)
125-145 TYP	.15-.90	1.5-8.0	253.7

TITLE MINIATURE ULTRAVIOLET LAMP 254nm SPECTRAL RANGE		DRAWING NUMBER BF727-UV2		REVISION 1
JKL COMPONENTS CORPORATION 13343 Paxton Street Pacoima, CA 91331 (818) 896-0019		RELEASE DATE 5/95	DRAWN BY LEN	APPROVED BY <i>[Signature]</i>
		SIZE A	FSCM 55335	SCALE NTS
		PAGE 1	OF 1	



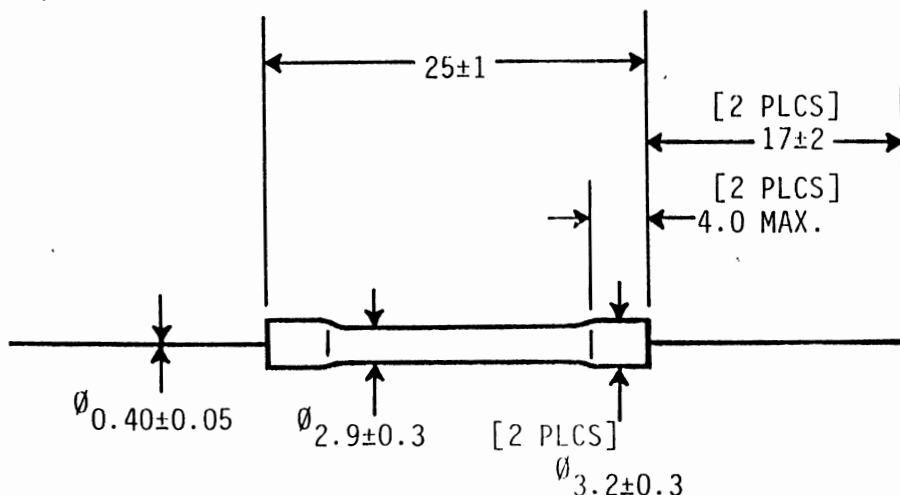
SHORTED ELECTRODES /2

LEADS	OHMS
1 & 2	0
3 & 4	0
1 & 2 to 3 & 4	INFINITE



JKL PART NUMBER: BF959UV1/2
 LAMP VOLTS: 150 VRMS
 LAMP CURRENT: 5 +/- 1 MARMS
 LAMP WATTS: .75 TYP.
 STARTING VOLTAGE: 250-450 REF.
 PEAK WAVELENGTH: 365 NM
 OUTPUT INTENSITY: .15 uW/cm² @ 1" TYP.
 LIFE HOURS: 4,000 REF.

TITLE BF959-UV1/2 ULTRA VIOLET MINIATURE FLUORESCENT		DRAWING NUMBER BF959UV1/2		REVISION 1
JKL COMPONENTS CORPORATION 13343 Paxton Street Pacoima, CA 91331 (818) 896-0019		RELEASE DATE 8/14/96	DRAWN BY LEN	APPROVED BY
		SIZE A	FSCM 55335	SCALE NOT TO SCALE
		PAGE 1 OF 1		



VOLTS OPERATING: 140 Vrms

CURRENT OPERATING: 2.5mA rms

LAMP WATTS: .35 TYP.

STARTING VOLTS 25 °C: 350 Vrms

STARTING VOLTS 0 °C: 700-900 Vrms TYP.

WAVE LENGTH PEAK: 365nm

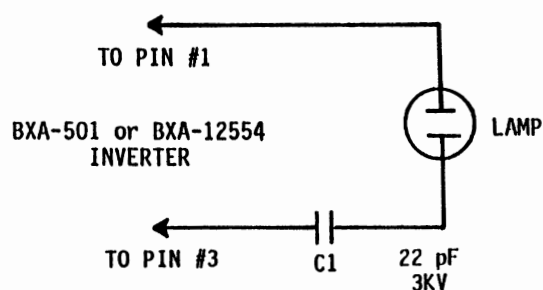
LAMP OUTPUT: .25 uW/cm² @ 1" (25.4mm)

TOTAL OUTPUT FLUX: 1.2mW TYP.

LIFE HOURS TO 50% OUTPUT: 5000 EST.

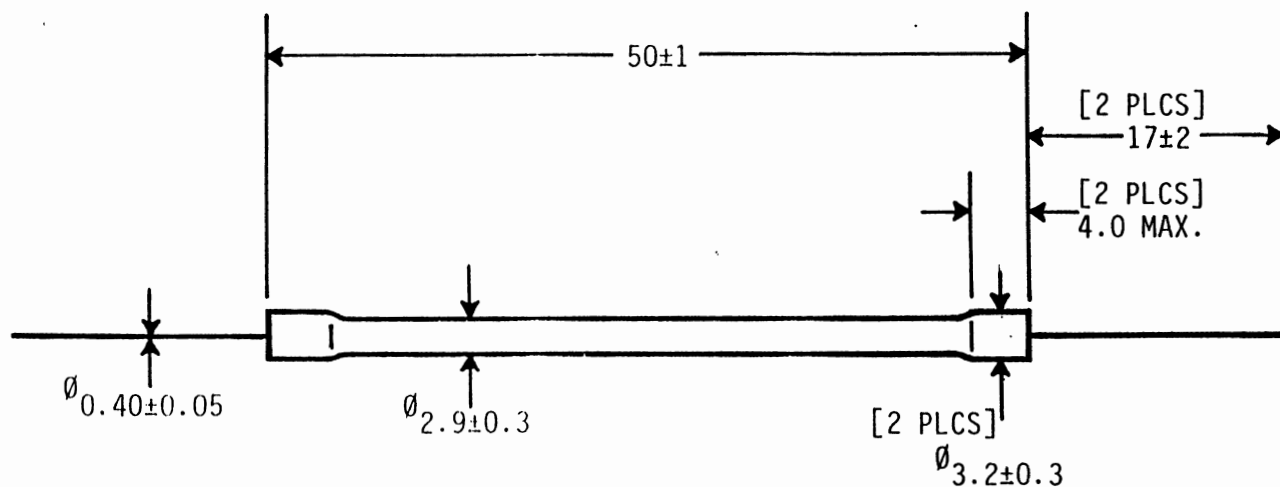
ADDITIONAL BALLAST CAPACITOR REQUIRED
WITH 5mA INVERTER: 22pF/3KVDC
REF. SPRAGUE P/N: 30GAQ22

EVALUATION CIRCUIT



DIMENSIONS ARE IN MILLIMETERS

TITLE		DRAWING NUMBER		REVISION	
MINIATURE UV/BLACKLIGHT		BF325-UV1			
JKL COMPONENTS CORPORATION		13343 Paxton Street Pacoima, CA 91331		RELEASE DATE	DRAWN BY
		(818) 896-0019		6/20/96	LEN
		SIZE	FSCM	SCALE	PAGE
		A	55335	2X	1 OF 1



VOLTS OPERATING: 195

CURRENT OPERATING: 2.5 mArms

LAMP WATTS: .48 TYP.

STARTING VOLTS 25 C: 500 Vrms

STARTING VOLTS: 0 C: 750-950 Vrms TYP.

WAVE LENGTH PEAK: 365nm

LAMP OUTPUT: .25 uW/cm² @ 1" (25.4mm)

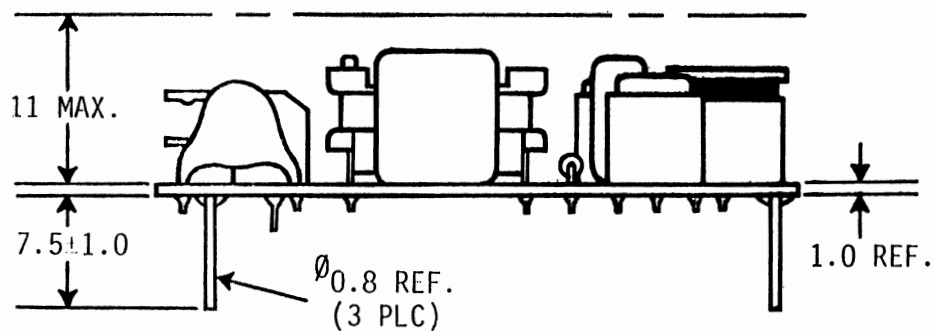
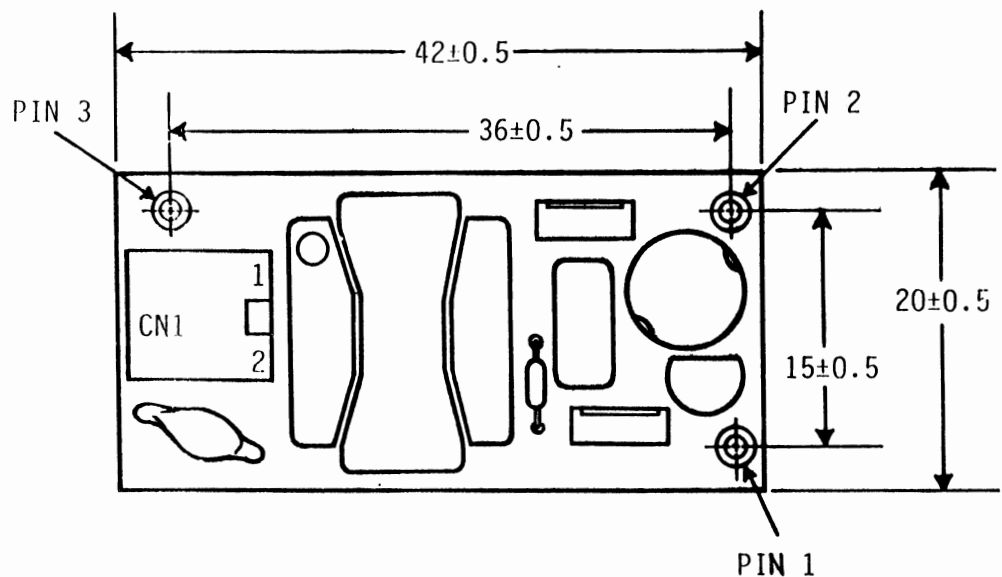
TOTAL OUTPUT FLUX: 4.0 mW TYP.

LIFE HOURS TO 50% OF OUTPUT SPEC.: 5000 EST.

ADDITIONAL BALLAST CAPACITOR REQUIRED
WITH 5mA INVERTER: 22pF/3KVDC
REF. SPRAQUE P/N: 30GAQ22

DIMENSIONS IN MILLIMETERS

TITLE		DRAWING NUMBER		REVISION
MINIATURE UV/BLACKLIGHT		BF350-UV1		
JKL COMPONENTS CORPORATION 13343 Paxton Street Pacoima, CA 91331 (818) 896-0019	RELEASE DATE		DRAWN BY	APPROVED BY
	6/21/96		LEN	
SIZE		FSCM	SCALE	PAGE OF
A		55335	2X	1 1



(PARTS LAYOUT FOR REFERENCE ONLY)

CHARACTERISTICS	MIN	TYP	MAX
INPUT VOLTAGE: (vdc)	4.5	5.0	5.5
INPUT CURRENT: (mA)	---	180	230
OUTPUT VOLTAGE: (Vrms)	600	700	800
OUTPUT CURRENT: (mA)	4.0	5.0	6.0
OUTPUT FREQUENCY: (kHz)	30	45	60
OPERATING TEMP: (CELSIUS)	0	25	50

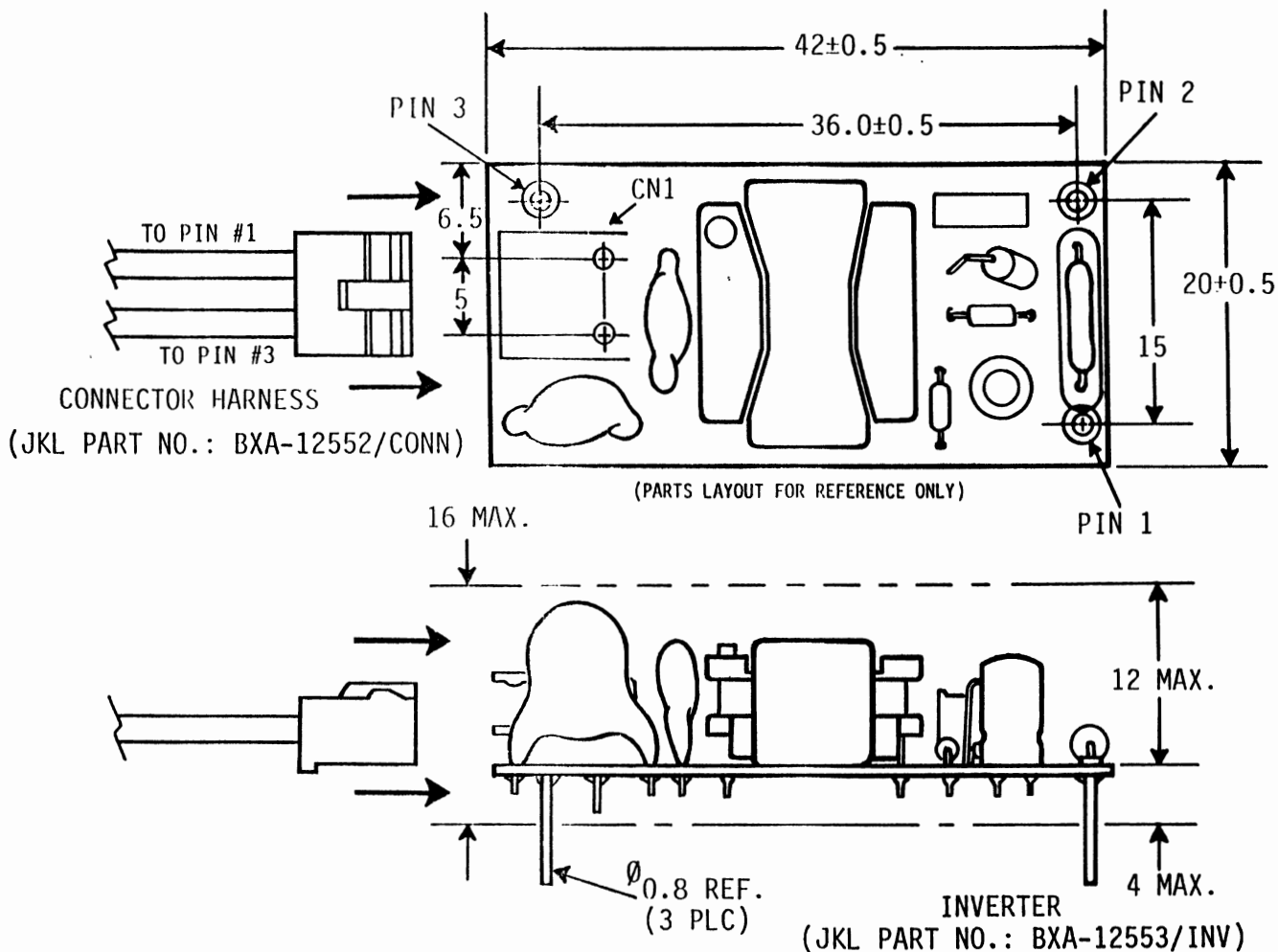
CN1	PIN #	(TO LAMP)
	1	OUT GROUND
	2	N/C
	3	HIGH V

BOARD	PIN #	(INPUT)
	1	+V (Vin)
	2	V (GND)
	3	N/C

MECHANICAL DIMENSIONS ARE
IN MILLIMETERS.

NOTE: FOR OPTIONAL CONNECTOR HARNESS
ORDER JKL PART # BXA-12552

TITLE		DRAWING NUMBER		REVISION
FLUORESCENT LAMP POWER SUPPLY		BXA-501		
JKL COMPONENTS CORPORATION 13343 Paxton Street Pacoima, CA 91331 (818) 896-0019	RELEASE DATE	DRAWN BY	APPROVED BY	
	3/96	LEN		
SIZE	FSCM	SCALE	PAGE	OF
A	55335	2X	1	1



CHARACTERISTICS	MIN	TYP	MAX
INPUT VOLTAGE: (vdc)	10.8	12.0	13.2
INPUT CURRENT: (mA)	----	180	250
OUTPUT VOLTAGE: (Vrms)	600	700	800
OUTPUT CURRENT: (mA)	4.0	5.5	7.0
OUTPUT FREQUENCY: (kHz)	10	25	40
OPERATING TEMP: (CELSIUS)	0	25	50

CN1	PIN #	(TO LAMP)
	1	OUT GROUND
	2	N/C
	3	HIGH V

BOARD	PIN #	(INPUT)
	1	+V (Vin)
	2	V (GND)
	3	N/C

MECHANICAL DIMENSIONS ARE IN MILLIMETERS.
TOLERANCE IS ± 0.3 UNLESS OTHERWISE SPECIFIED.

INVERTER AND CONNECTOR
(JKL PART NO.: BXA-12554)

TITLE		DRAWING NUMBER		REVISION	
FLUORESCENT LAMP POWER SUPPLY		BXA-12554		1	
JKL COMPONENTS CORPORATION		RELEASE DATE		DRAWN BY	
		3/95		LEN	
13343 Paxton Street Pacifica, CA 91331 (818) 896-0019		SIZE		SCALE	
		A 55335		2X	
		APPROVED BY		PAGE 1 OF 1	