



Generator Data	NLX-100W
Operating Frequency	233KHz
Power Factor	0.99
Total Harmonic Distortion	<10%
Operating Range (degree F)	-31/194
Cold Start Temperature (degree F)	-14
Rated Life (Hours)	100,000
Rush (Spike) Input Voltage (1 sec)	>600V
Output Voltage	145V p-p
Input Voltage for 120V Model	90~150VAC
Input Voltage for 220V Model	175~265VAC
Input Voltage for 277V Model	250~305VAC
Connected Load	100w +/- 15%

Lamp Data	ARCA 100W
Rated Life (Hours)	100,000
Initial Lumen	8,500
Mean Lumen	7,650
Lumen Maintenance 40% Life	95%
Mercury in Lamp (mg)	6
Nominal Coil Temperature (degree F)	167~221
Re-strike Time	.250sec
Color Rendering Index (CRI)	90

**NexLume Series  
ARCA 100w Lamp & Generator**

Adaptive Energy Systems, Inc.  
5996 Cardinal St., Ventura, CA 93003

SIZE	FSCM NO.	DWG NO. AES-NLXA-100	REV A
SCALE: Not to scale			SHEET 1 of 1

\*Color Temperature Available In:  
27=2700k, 35=3500k, 47=4700k, 60=6000k

\*UL Approved : E 306138

\*FCC: 200371-9

\*Please consult AES for extreme temperature applications.