



Generator Data	NLX-80W
Operating Frequency	233KHz
Power Factor	0.99
Total Harmonic Distortion	<10%
Operating Range (degree F)	-31/194
Rated Life (Hours)	100,000
Rush (Spike) Input Voltage (1 sec)	>600V
Output Voltage	140V p-p
Input Voltage for 120V Model	90~150VAC
Input Voltage for 220V Model	175~265VAC
Input Voltage for 277V Model	250~305VAC

Lamp Data	ORBIS 80W
Rated Life (Hours)	100,000
Initial Lumen	6,800
Mean Lumen	6,120
Lumen Maintenance 40% Life	95%
Mercury in Lamp (mg)	4.8
Nominal Coil Temperature (degree F)	Ambient ~617
Optimal Coil Temperature (degree F)	158~266
Re-strike Time	.250sec
Color Rendering Index (CRI)	90

**NexLume Series  
ORBIS 80w Lamp & Generator**

Adaptive Energy Systems, Inc.  
801 S. Figueroa St., # 1060 Los Angeles, CA 90017

SIZE	FSCM NO.	DWG NO. AES-NLXO-80	REV D
SCALE: Not to scale			SHEET 1 of 1

\*Color Temperature Available In: 27=2700k, 35=3500k, 41=4100k, 50=5000k, 60=6000k  
 \*UL Approved: E 306138  
 \*FCC: 200371-9