



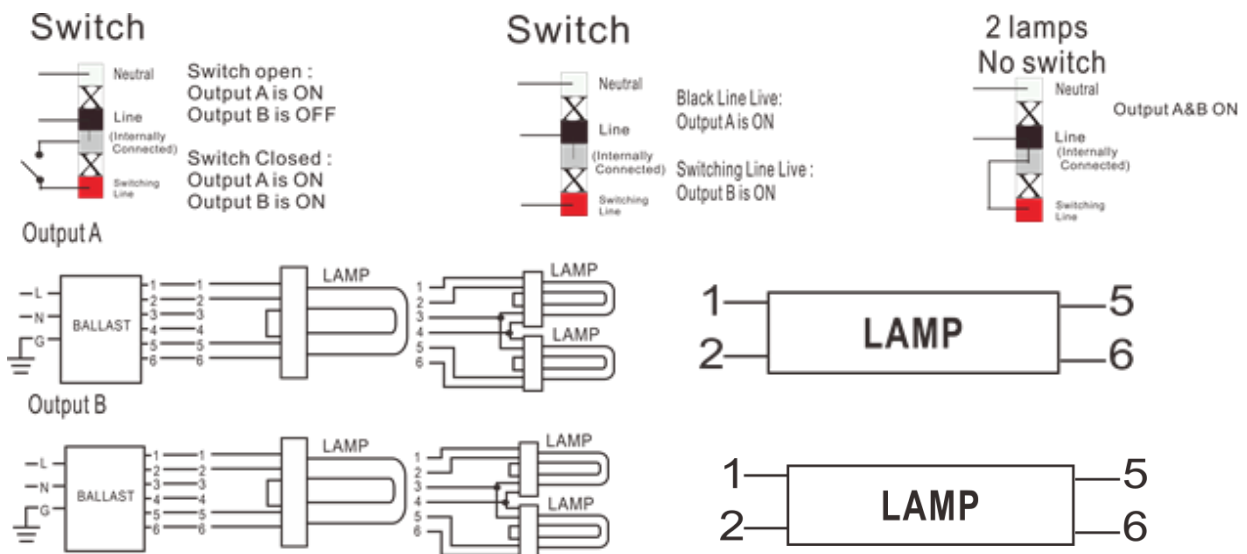
Model Name	ESS-A96PBXSX2
Ballast Type	Electronic
Starting Method	Program Start
Lamp connection	Series
Input Voltage	120-277V
Input Frequency	50/60Hz
Warranty	5 Years $TC \leq 75^{\circ}C$ 3 Years $75^{\circ}C \leq TC \leq 90^{\circ}C$

Safety & Performance



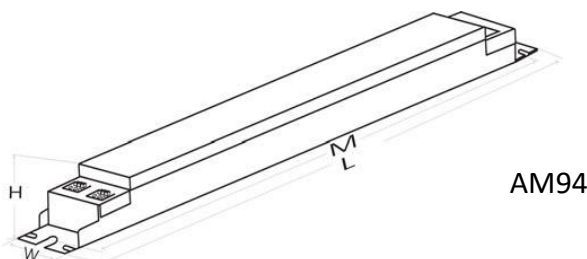
- One or Two lamps
- UL/cUL Listed
- UL Type 1 Outdoor
- FCC part 18 Class A
- Sound Rated Class A
- Class P Thermally Protected
- High Power Factor
- Surge Protected
- Auto Restart
- No PCBs
- Type HL

Wire Diagram



Maximum Wiring Distance (at full load) is 18AWG/18Feet
Case must be grounded

Enclosure



AM94

Enclosure	Inch	Cm
Length(L)	12.8	32.5
Width(W)	2.52	6.4
Height(H)	1.16	2.95
Mounting(M)	12.5	31.7



Electrical Specification with Different Lamps

Lamp Type	No. of Lamps	Input Voltage (V)	Rated Lamp Watts	Start Temp Min. (F/C)	Input Current (Amps)	Input Power (ANSI Watts)	Ballast Factor	THD Max. (%)	Power Factor	Lamp Current Crest Factor Max.	BEF
PLL96W	2	120	96	-22/-30	1.67	202	0.90	10	0.99	1.7	0.45
		230			0.88			15	0.99		
		277			0.73			15	0.98		
	1	120			0.84	162	0.89	10	0.99		0.55
		230			0.43			15	0.98		
		277			0.37			15	0.98		
80W T5	2	120	80	-22/-30	1.33	100	0.9	10	0.99	1.7	0.9
		230			0.70			15	0.98		
		277			0.58			15	0.97		
	1	120			0.65	81	0.89	10	0.99		1.10
		230			0.35			15	0.97		
		277			0.29			15	0.96		