



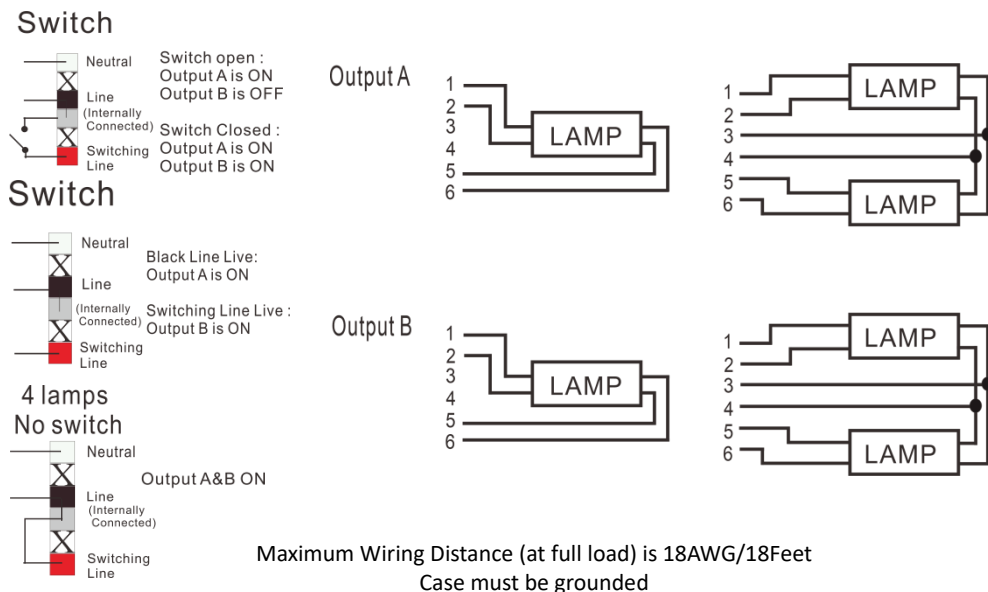
Model Name	ESD-A54T5SX2
Ballast Type	Electronic
Starting Method	Program Start
Lamp connection	Series
Input Voltage	120-277V
Input Frequency	50/60Hz
Warranty	5 Years $TC \leq 75^{\circ}C$ 3 Years $75^{\circ}C \leq TC \leq 90^{\circ}C$

Safety & Performance

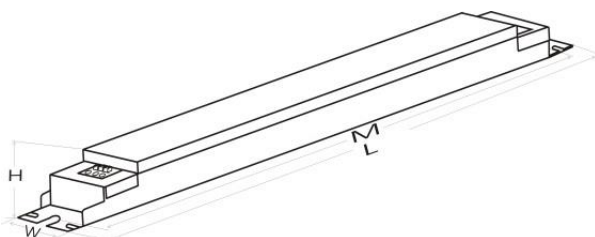


- Maximum Four lamps
- Sound Rated Class A
- Auto Restart
- UL/cUL Listed
- Class P Thermally Protected
- No PCBs
- UL Type 1 Outdoor
- High Power Factor
- Type HL
- FCC part 18 Class A
- Surge Protected
- DOE Energy Verified

Wire Diagram



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
54W T5	4	120	54	-22/-30	2.00	230	0.98	10	0.99	1.7	0.43
		230			1.02			10	0.99		
		277			0.86			15	0.98		
	3	120			1.48	176	1.00	10	0.99		
		230			0.78			10	0.98		
		277			0.65			15	0.98		
	2	120			0.99	118	0.99	15	0.98		
		230			0.52			15	0.98		
		277			0.43			15	0.97		
	1	120			0.51	60	1.02	15	0.98		
		230			0.27			15	0.98		
		277			0.22			20	0.97		
54W T5/ES (49W)	4	120	49	-22/-30	1.78	212	0.98	10	0.99	1.7	0.46
		230			0.94			10	0.99		
		277			0.78			15	0.98		
	3	120			1.42	169	1.00	10	0.99		
		230			0.75			10	0.98		
		277			0.62			15	0.98		
	2	120			0.95	113	0.99	15	0.98		
		230			0.50			15	0.98		
		277			0.42			15	0.97		
	1	120			0.49	58	1.02	15	0.98		
		230			0.26			15	0.98		
		277			0.21			20	0.97		
39W T5	4	120	39	-22/-30	1.43	170	1.00	10	0.99	1.7	0.59
		230			0.75			10	0.99		
		277			0.63			15	0.98		
55W PLL	4	120	55	-22/-30	1.67	198	0.88	10	0.99	1.7	0.44
		230			0.88			10	0.99		
		277			0.73			15	0.98		
	3	120			1.28	153	0.90	10	0.99		
		230			0.68			15	0.98		
		277			0.56			15	0.98		
	2	120			0.86	102	0.92	15	0.98		
		230			0.45			15	0.98		
		277			0.38			15	0.97		
	1	120			0.47	56	0.95	15	0.98		
		230			0.25			15	0.98		
		277			0.21			20	0.97		



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
50W PLL	4	120	50	-22/-30	1.89	224	1.08	10	0.99	1.7	0.48
		230			0.99			10	0.99		
		277			0.83			15	0.98		
	3	120			1.42	169	1.08	10	0.99		
		230			0.75			10	0.98		
		277			0.72			15	0.98		
	2	120			0.87	103	1.10	15	0.98		1.07
		230			0.46			15	0.98		
		277			0.38			15	0.97		
	1	120			0.46	55	1.10	15	0.98		2.00
		230			0.24			15	0.98		
		277			0.20			20	0.97		