



Antron Electronics Co.,LTD
安雄電子股份有限公司

T8 Program Start Ballast



Model Name	TSD-UV86T8HOS
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 $75^{\circ}C \leq TC \leq 90^{\circ}C$

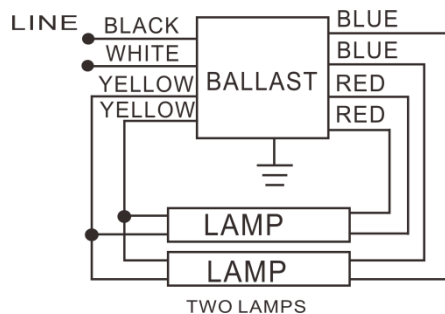
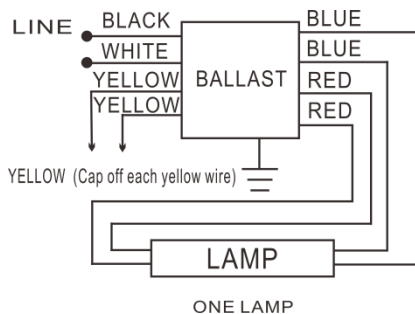
Safety & Performance



Energy
Verified

- 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
- DOE Energy Verified

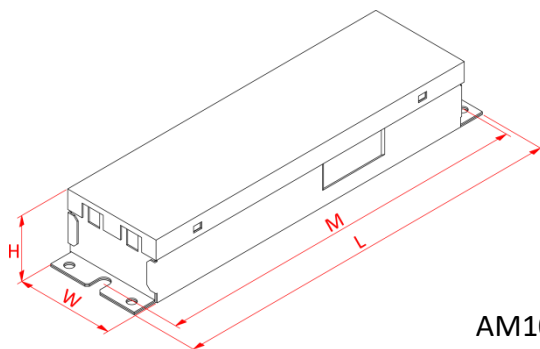
Wire Diagram



Lead Length	Inch	Cm
Black	18.8	48
White	18.8	48
Blue	30.9	78.5
Red	30.9	78.5
Yellow	46.4	118

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

Enclosure



AM105

Enclosure	Inch	Cm
Length(L)	9.5	24.1
Width(W)	2.4	6.1
Height(H)	1.45	3.7
Mounting(M)	8.9	22.6



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
F96T8HO	2	120	86	14/-10	1.35	162	0.89	10	0.99	1.7	0.55
		230			0.72			10	0.99		
		277			0.60			10	0.99		
	1	120	86	14/-10	0.75	91	0.95	10	0.99	1.7	1.04
		230			0.40			10	0.99		
		277			0.34			15	0.98		
F72T8HO	2	120	65	14/-10	1.02	122	0.87	10	0.99	1.7	0.71
		230			0.51			10	0.99		
		277			0.45			10	0.99		
	1	120	65	14/-10	0.60	71	0.95	10	0.99	1.7	1.34
		230			0.31			10	0.98		
		277			0.26			15	0.98		
F60T8HO	2	120	55	14/-10	0.87	104	0.89	10	0.99	1.7	0.86
		230			0.46			10	0.99		
		277			0.38			15	0.98		
	1	120	55	14/-10	0.51	61	0.95	10	0.99	1.7	1.56
		230			0.27			10	0.98		
		277			0.22			15	0.98		
F48T8HO	2	120	44	14/-10	0.72	86	0.87	10	0.99	1.7	1.01
		230			0.38			10	0.99		
		277			0.32			15	0.98		
	1	120	44	14/-10	0.43	52	0.95	10	0.99	1.7	1.83
		230			0.23			15	0.98		
		277			0.19			15	0.97		