



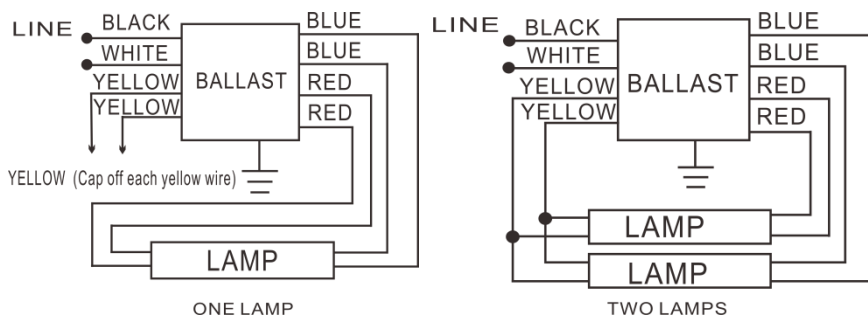
Model Name	TSD-UV70T8S
Ballast Type	Electronic
Starting Method	Program Start
Lamp connection	Series
Input Voltage	120-277V
Input Frequency	50/60Hz
Warranty	5 Years $TC \leq 75^{\circ}C$ 3 Years $75^{\circ}C \leq TC \leq 90^{\circ}C$

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
- Open Circuit Voltage 600V
- Type HL

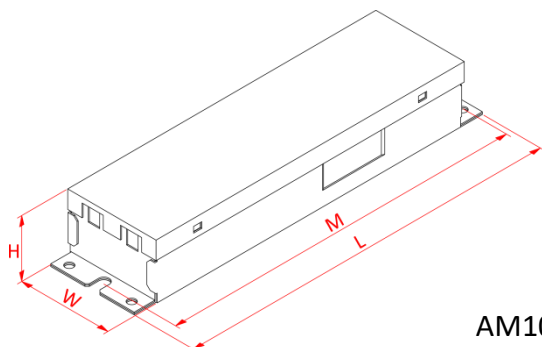
Wire Diagram



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
F70T8	2	120	70	-22/-30	1.19	140	0.86	10	0.99	1.7	0.61
		230			0.61			10	0.99		
		277			0.51			10	0.98		
	1	120	70	-22/-30	0.59	70	0.93	10	0.98	1.7	1.33
		230			0.31			10	0.98		
		277			0.26			15	0.97		
F58T8	2	120	58	-22/-30	1.04	121	0.95	10	0.99	1.7	0.79
		230			0.53			10	0.99		
		277			0.44			10	0.98		