



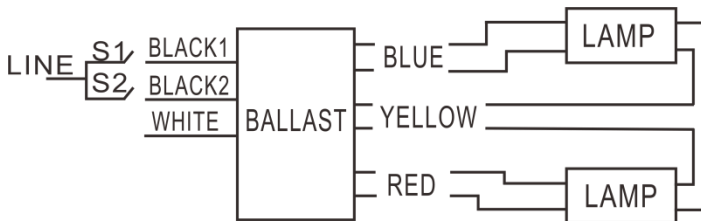
<b>Model Name</b>	TSD-UV55PBXMS-SD
<b>Ballast Type</b>	Electronic
<b>Starting Method</b>	Program Start
<b>Lamp connection</b>	Series
<b>Input Voltage</b>	120-277V
<b>Input Frequency</b>	50/60HZ
<b>Warranty</b>	5 Years $TC \leq 75^{\circ}C$ 3 Years $75^{\circ}C \leq TC \leq 90^{\circ}C$

## Safety & Performance



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

## Wire Diagram

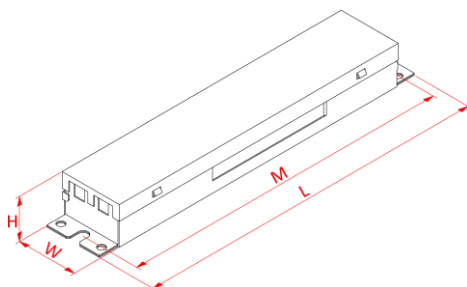


Full light(full power) S1&S2 closed(on)  
Bi-level mode S1orS2 open(off)

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

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

## Enclosure



AM103

Enclosure	Inch	Cm
Length(L)	9.5	24.1
Width(W)	1.7	4.3
Height(H)	1.2	3.05
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
54W T5	2	120	54	32/0	0.47/0.97	56/116	0.45/0.99	10/10	0.99/0.99	1.7	0.83/0.87
		230			0.25/0.51			10/10	0.97/0.98		
		277			0.20/0.42			15/15	0.95/0.97		
50W PLL	2	120	50	32/0	0.48/0.94	58/113	0.39/0.96	10/10	0.99/0.99	1.7	0.70/0.87
		230			0.26/0.50			10/10	0.99/0.99		
		277			0.21/0.40			15/15	0.95/0.97		
55W PLL	2	120	55	32/0	0.42/0.90	50/108	0.40/0.88	10/10	0.99/0.99	1.7	0.83/0.83
		230			0.22/0.47			10/10	0.97/0.98		
		277			0.18/0.39			15/15	0.95/0.97		

Data is based upon tests performed by Antron Electronics in a controlled environment and representative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications are nominal unless otherwise noted.