



# TSD-UV55PBXMS (AM103)

## T5 Program Start Ballast

### Application and Performance Specification

Ballast Type	Electronic	Ballast Factor	High
Starting Method	Program Start	Minimum Starting Temp.	-30°C / -22°F
Lamp Connection	Series	Approvals Class	UL / cUL Listed, Class P UL Type 1 Outdoor
Lamps Operated	1 or 2		
Input Voltage	120-277VAC; 50/60Hz	Warranty	5 Years $t_c \leq 75^\circ\text{C}$ 3 Years $75^\circ\text{C} < t_c \leq 90^\circ\text{C}$
EMI / RFI Compliance	FCC Part 18-A		
Sound Rating	Class A	Safety & Performance	Auto-Reset Shutdown Circuit Surge Protected Type HL No PCBs DOE Energy Verified NRCAN Energy Verified

### Electrical Data

Lamp Type	Lamps Operated	Line Voltage	Input Watts*	Nominal Line Amps	Ballast Factor	Power Factor	THD	Crest Factor
54WT5HO	2	120	116	0.97	1.00	0.99	10%	1.70
		230		0.51		0.99	10%	
		277		0.43		0.98	15%	
	1	120	60	0.50	1.02	0.99	10%	
		230		0.27		0.98	15%	
		277		0.23		0.97	15%	
49WT5HO (ES)	2	120	107	0.91	1.00	0.99	10%	1.70
		230		0.47		0.98	10%	
		277		0.40		0.98	15%	
	1	120	56	0.48	1.02	0.98	10%	
		230		0.25		0.98	15%	
		277		0.21		0.97	20%	
47WT5HO (ES)	2	120	105	0.90	1.00	0.99	10%	1.70
		230		0.46		0.99	10%	
		277		0.39		0.98	15%	
	1	120	54	0.47	1.02	0.98	10%	
		230		0.24		0.98	15%	
		277		0.20		0.97	20%	
PLL55W	2	120	111	0.90	0.92	0.99	10%	1.70



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## Electrical Data

Lamp Type	Lamps Operated	Line Voltage	Input Watts*	Nominal Line Amps	Ballast Factor	Power Factor	THD	Crest Factor
		230		0.49		0.99	10%	
		277		0.40		0.98	15%	
		120		0.49		0.98	10%	
	1	230	58	0.25	0.95	0.98	15%	
		277		0.21		0.97	20%	
		120		0.76		1.02	0.99	
39WT5HO	2	230	92	0.40		0.99	10%	1.70
		277		0.33		0.98	15%	
		120		0.94		1.08	0.99	
PLL50W	2	230	111	0.49		0.99	10%	1.70
		277		0.40		0.98	15%	
		120		0.49		1.10	0.98	
	1	230	58	0.25		0.98	15%	
		277		0.21		0.97	20%	
		120		0.94		1.08	0.99	

\* ANSI measured wattage; 25°C ambient; bench top  
 Application and Performance Specification Information is subject to change without notification.

## Wiring Diagram

## Mechanical Data

Black	18.80"	48.00 cm	Overall Length (L)	9.50"	24.10 cm
White	18.80"	48.00 cm	Width (W)	1.70"	4.30 cm
Blue	30.90"	78.50 cm	Height (H)	1.20"	3.05 cm
Red	30.90"	78.50 cm	Mounting (M)	8.90"	22.6 cm
Yellow	46.40"	118.00 cm	Case Quantity	30	
			Net Weight	40.79 lbs	18.50 kg
			Gross Weight	42.99 lbs	19.50 kg



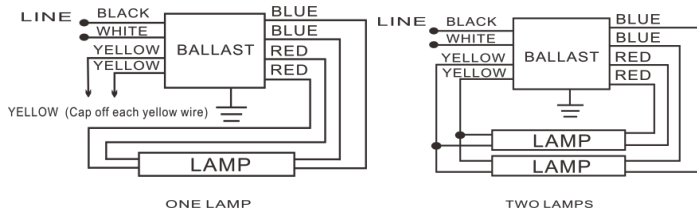


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Wiring Diagram

Mechanical Data



Maximum wiring distance (at full load) is 18AWG/18'  
Ballast must be grounded

Install in accordance with the National Electrical Code

