



Antron Electronics Co.,LTD
安雄電子股份有限公司

T5 Program Start Ballast



Model Name	TSD-321T5MS
Ballast Type	Electronic
Starting Method	Program Start
Lamp connection	Series
Input Voltage	347V
Input Frequency	60Hz
Warranty	5 Years $TC \leq 75^{\circ}C$ 3 Years $75^{\circ}C \leq TC \leq 90^{\circ}C$

Safety & Performance

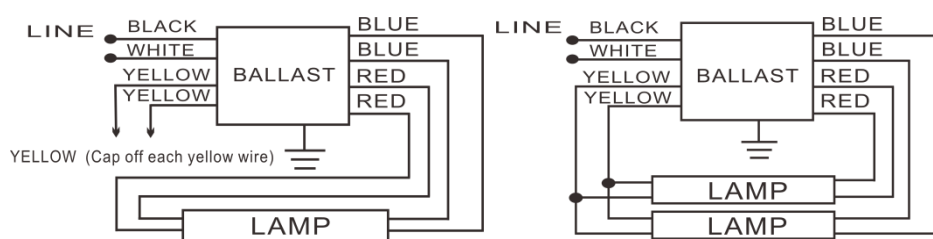


- One or Two lamps
- UL/cUL Listed
- UL Type 1 Outdoor
- FCC part 18 Class A
- Sound Rated Class A
- Class P Thermally Protected
- High Power Factor
- Surge Protected
- Auto Restart
- No PCBs
- Type HL

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
21W T5	2	347	21	-22/-30	0.14	49	0.96	15	0.98	1.7	2.0
	1				0.09	33	0.93	15	0.98		2.8
14W T5	2	347	14	-22/-30	0.07	24	0.95	20	0.98	1.7	4.0
	1				0.05	17	0.97	20	0.97		5.7

Wire Diagram



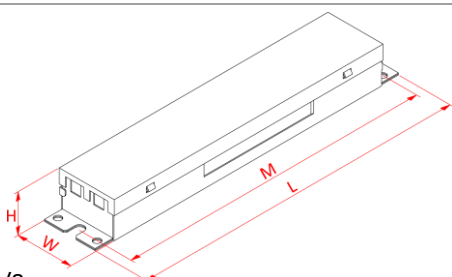
ONE LAMP

TWO LAMPS

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