



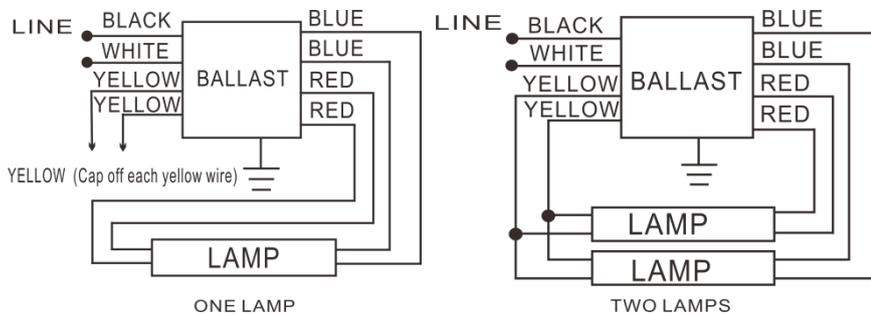
<b>Model Name</b>	TSD-332T8MS
<b>Ballast Type</b>	Electronic
<b>Starting Method</b>	Program Start
<b>Lamp connection</b>	Series
<b>Input Voltage</b>	347V
<b>Input Frequency</b>	60Hz
<b>Warranty</b>	5 Years $TC \leq 75^{\circ}C$ 3 Years $75^{\circ}C \leq TC \leq 90^{\circ}C$

## 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

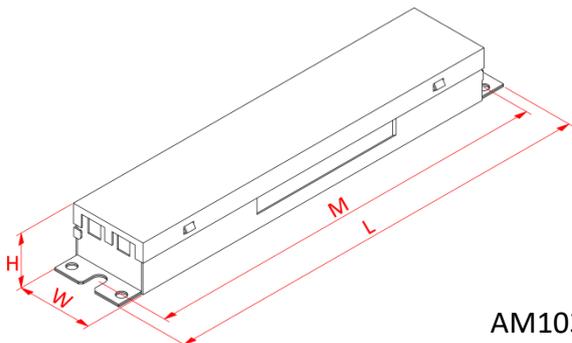
## Wire Diagram



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



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
F32T8	2	347	32	-22/-30	0.18	58	0.88	10	0.98	1.7	1.52
	1				0.09	30	0.99	20	0.97		3.30
F25T8	2	347	25	-22/-30	0.14	43	0.89	15	0.98	1.7	2.07
	1				0.08	23	0.90	20	0.97		3.91
F17T8	2	347	17	-22/-30	0.10	29	0.90	20	0.97	1.7	3.10
	1				0.06	17	0.91	20	0.97		5.35
F40T8	1	347	40	-22/-30	0.12	39	0.90	20	0.98	1.7	2.50
F32T8/ES (30W)	2	347	30	32/0	0.16	52	0.88	10	0.98	1.7	1.69
	1				0.09	27	0.99	20	0.99		3.42
F32T8/ES (28W)	2	347	28	32/0	0.15	49	0.88	15	0.98	1.7	1.80
	1				0.09	26	0.89	20	0.97		3.42
F32T8/ES (25W)	2	347	25	32/0	0.14	45	0.90	15	0.98	1.7	2.00
	1				0.08	24	0.89	20	0.97		3.71