

ESD-A110T12HO (AM109)

T12 HO Rapid Start Ballast

Application and Performance Specification

Ballast Type	Electronic	Ballast Factor	High
Starting Method	Rapid Start	Minimum Starting Temp.	-18°C / 0°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	Auto-Reset Shutdown Circuit Surge Protected Type HL No PCBs DOE Energy Verified

Electrical Data

Lamp Type	Lamps Operated	Line Voltage	Input Watts*	Nominal Line Amps	Ballast Factor	Power Factor	THD	Crest Factor
F96WT12HO	2	120	194	1.62	0.84	0.99	10%	1.70
		230		0.83		0.99	10%	
		277		0.69		0.99	10%	
	1	120	110	0.91	0.86	0.99	10%	
		230		0.49		0.99	10%	
		277		0.41		0.99	10%	
F72WT12HO	2	120	160	1.30	0.90	0.99	10%	1.70
		230		0.70		0.99	10%	
		277		0.58		0.99	10%	
F60WT12HO	2	120	140	1.20	1.00	0.99	10%	1.70
		230		0.61		0.99	10%	
		277		0.51		0.99	10%	
F48WT12HO	2	120	120	1.00	1.10	0.99	10%	1.70
		230		0.52		0.99	10%	
		277		0.44		0.99	10%	

* ANSI measured wattage; 25°C ambient; bench top

Application and Performance Specification Information is subject to change without notification.



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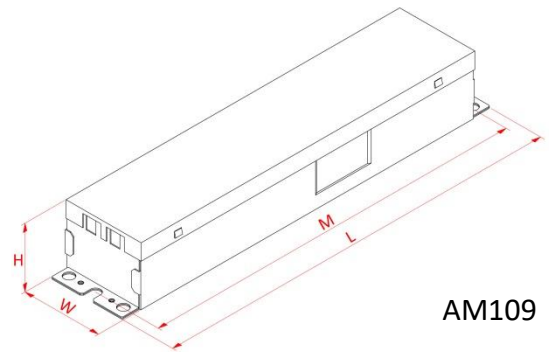
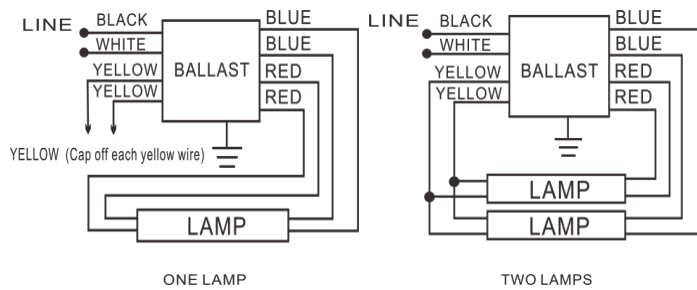
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Wiring Diagram

Black	22.00"	56.00 cm
White	22.00"	56.00 cm
Blue	46.00"	117.00 cm
Red	46.00"	117.00 cm
Yellow	70.00"	178.00 cm

Mechanical Data

Overall Length (L)	11.69"	29.70 cm
Width (W)	2.36"	6.00 cm
Mounting (M)	11.10"	28.20 cm
Height (H)	1.89"	4.80 cm
Case Quantity	10	
Net Weight	29.54 lbs	13.40 kg
Gross Weight	31.75 lbs	14.40 kg



AM109

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

Install in accordance with the National Electrical Code

