



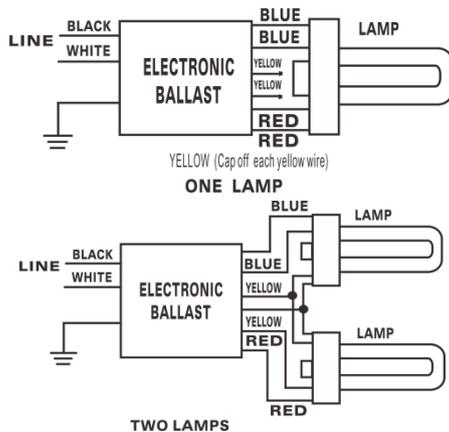
Model Name	ESD-A40PBXMS
Ballast Type	Electronic
Starting Method	Rapid Start
Lamp connection	Series
Input Voltage	120-277V
Input Frequency	50/60Hz
Warranty	5 Years $TC \leq 75^{\circ}C$ 3 Years $75^{\circ}C \leq TC \leq 90^{\circ}C$

Safety & Performance



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

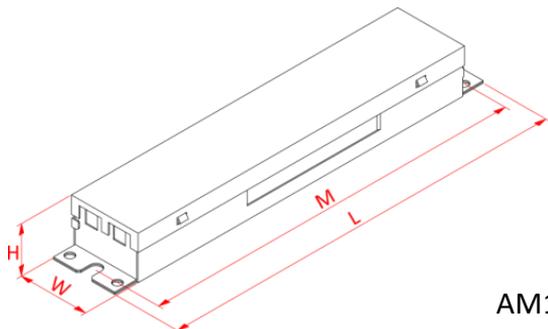
Wire Diagram



Lead Length	Inch	Cm
Black	16	40.6
White	16	40.6
Blue	30	76.2
Red	30	76.2
Yellow	46	116.8

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		
PLL 40W	2	120	40	0/-18	0.62	76	0.94	10	0.99	1.7	1.24		
		230			0.33			10	0.99				
		277			0.27			10	0.99				
	1	120			0.36	44	0.98	10	0.98		15	0.98	2.23
		230			0.19			10	0.98				
		277			0.16			15	0.98				
PLL 39W	2	120	39	0/-18	0.54	64	0.65	10	0.99	1.7	1.02		
		230			0.28			10	0.99				
		277			0.23			10	0.98				
	1	120			0.29	36	0.71	15	0.99		20	0.97	1.97
		230			0.15			10	0.98				
		277			0.13			20	0.97				
PLL 36W	2	120	36	0/-18	0.51	62	0.75	10	0.99	1.7	1.21		
		230			0.27			10	0.99				
		277			0.22			10	0.98				
	1	120			0.28	35	0.76	15	0.99		15	0.98	2.17
		230			0.15			15	0.98				
		277			0.13			20	0.96				