



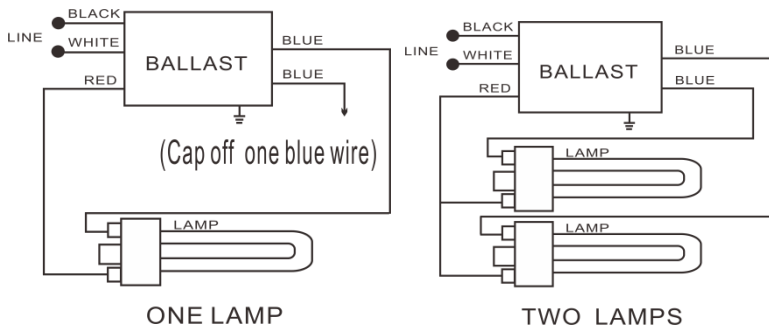
<b>Model Name</b>	EPD-A40PBXM
<b>Ballast Type</b>	Electronic
<b>Starting Method</b>	Instant Start
<b>Lamp connection</b>	Parallel
<b>Input Voltage</b>	120-277V
<b>Input Frequency</b>	50/60Hz
<b>Warranty</b>	5 Years $TC \leq 75^{\circ}C$ 3 Years $75^{\circ}C \leq TC \leq 90^{\circ}C$

## Safety & Performance



- One or Two lamps
- 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

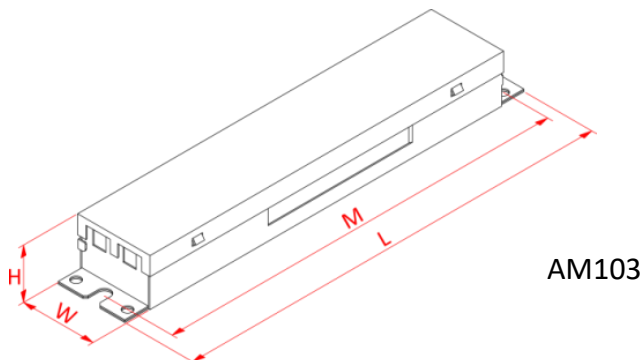
## Wire Diagram



Lead Length	Inch	Cm
Black	18.8	48
White	18.8	48
Blue	30.9	78.5
Red	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
FT40W	2	120	40	0/-18	0.61	68	0.88	10	0.99	1.7	1.29
		230			0.30			10	0.99		
		277			0.27			15	0.98		
	1	120			0.35	42	0.99	10	0.99		2.36
		230			0.19			15	0.98		
		277			0.15			20	0.97		
FT39W	2	120	39	0/-18	0.49	58	0.63	10	0.99	1.7	1.09
		230			0.26			10	0.99		
		277			0.21			15	0.98		
	1	120			0.29	35	0.78	10	0.99		2.23
		230			0.16			15	0.97		
		277			0.13			20	0.97		
FT36W	2	120	36	0/-18	0.46	55	0.74	10	0.99	1.7	1.35
		230			0.24			15	0.98		
		277			0.20			15	0.98		
	1	120			0.27	32	0.86	15	0.98		2.69
		230			0.14			15	0.97		
		277			0.12			20	0.97		
FT40W/ ES (28W)	2	120	28	0/-18	0.55	65	0.88	10	0.99	1.7	1.35
		230			0.29			10	0.99		
		277			0.24			15	0.98		
	1	120			0.33	39	0.99	10	0.99		2.54
		230			0.17			15	0.98		
		277			0.14			20	0.97		
FT40W/ ES (25W)	2	120	25	0/-18	0.51	60	0.88	10	0.99	1.7	1.47
		230			0.27			10	0.99		
		277			0.22			15	0.98		
	1	120			0.24	28	0.99	15	0.98		3.54
		230			0.12			15	0.97		
		277			0.10			25	0.96		