



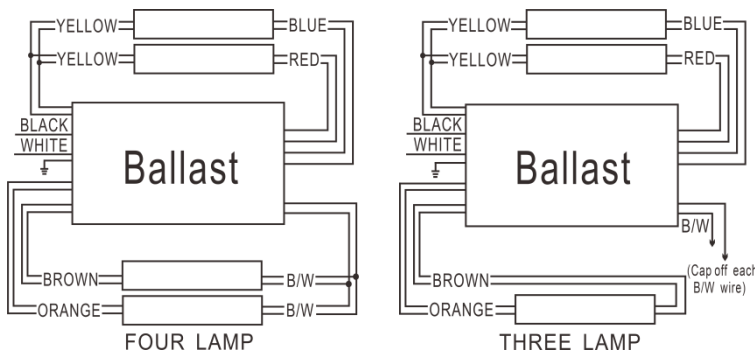
<b>Model Name</b>	ESPQ-A24T5S
<b>Ballast Type</b>	Electronic
<b>Starting Method</b>	Program Start
<b>Lamp connection</b>	Series
<b>Input Voltage</b>	120-277V
<b>Input Frequency</b>	50/60Hz
<b>Warranty</b>	5 Years $TC \leq 75^{\circ}C$ 3 Years $75^{\circ}C \leq TC \leq 90^{\circ}C$

## Safety & Performance



- Maximum Four 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

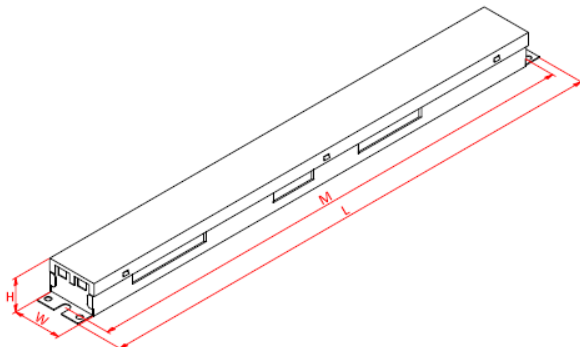
## Wire Diagram



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
Blue/White	46.4	118
Brown	30.9	78.5
Orange	30.9	78.5

## Enclosure



AM104

Enclosure	Inch	Cm
Length(L)	17.7	45
Width(W)	1.7	4.3
Height(H)	1.2	3.0
Mounting(M)	17.2	43.8



## 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
24W T5	4	120	24	-22/-30	0.85	98	0.8	10	0.99	1.7	0.82
		230			0.43			10	0.99		
		277			0.36			10	0.98		
	3	120			0.63	76	0.9	10	0.99		
		230			0.33			10	0.99		
		277			0.28			15	0.98		
	2	120			0.43	51	0.82	10	0.99		
		230			0.23			10	0.98		
		277			0.19			15	0.98		
	1	120			0.22	26	0.91	10	0.99		
		230			0.12			15	0.98		
		277			0.09			20	0.97		