



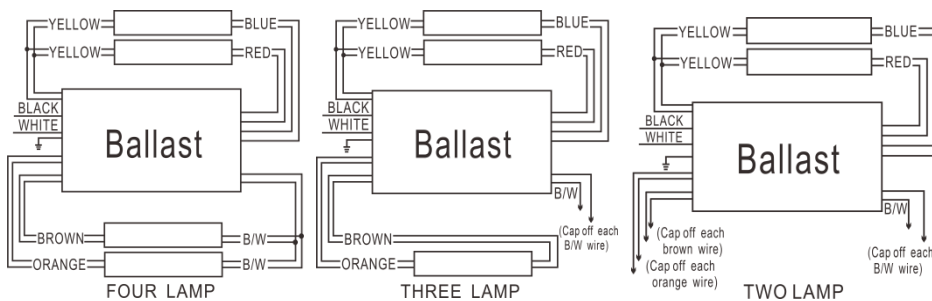
Model Name	ESPQ-454T5S
Ballast Type	Electronic
Starting Method	Program Start
Lamp connection	Series
Input Voltage	480V
Input Frequency	60Hz
Warranty	5 Years $TC \leq 75^{\circ}C$ 3 Years $75^{\circ}C \leq TC \leq 90^{\circ}C$

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

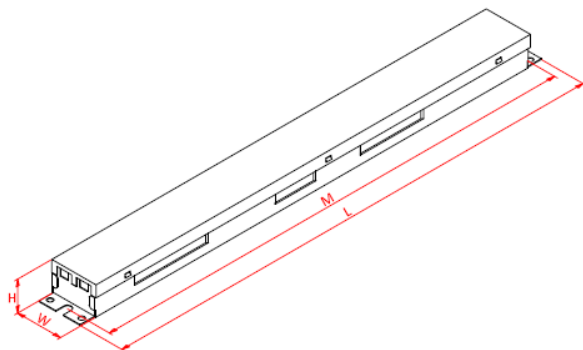
Wire Diagram



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
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
F54T5	4	480	54	-22/-30	0.49	235	1	10	0.99	1.7	0.43
	3				0.39	185	1.08	20	0.99		0.58
	2				0.26	120	1	10	0.99		0.83
	1				0.15	70	1.08	20	0.99		1.54
F39T5	4	480	39	-22/-30	0.38	180	0.98	20	0.99	1.7	0.54
55W PLL	4	480	55	-22/-30	0.44	212	0.88	15	0.99	1.7	0.42
	3				0.35	165	0.9	20	0.98		0.55
	2				0.22	107	0.88	15	0.99		0.82
	1				0.13	64	0.9	20	0.98		1.41
50W PLL	4	480	50	-22/-30	0.46	220	1.04	15	0.99	1.7	0.47
	3				0.36	175	1.06	50	0.9		0.61
	2				0.23	112	1.04	15	0.99		0.93
	1				0.16	68	1.06	50	0.9		1.56