



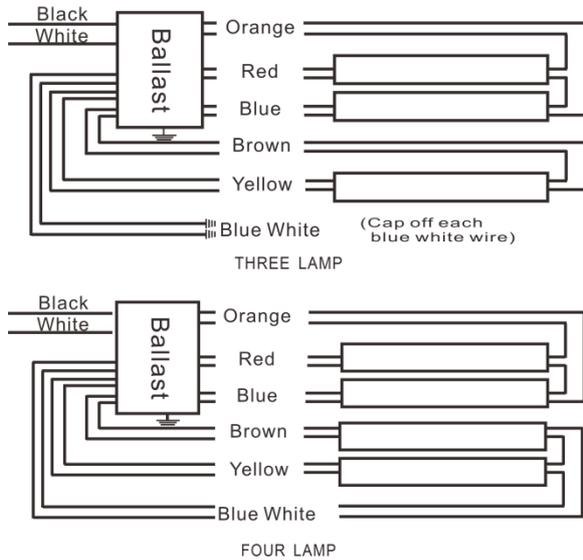
Model Name	ESPQ-354T5S
Ballast Type	Electronic
Starting Method	Program Start
Lamp connection	Series-Parallel
Input Voltage	347V
Input Frequency	60Hz
Warranty	5 Years $TC \leq 75^{\circ}C$ 3 Years $75^{\circ}C \leq TC \leq 90^{\circ}C$

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

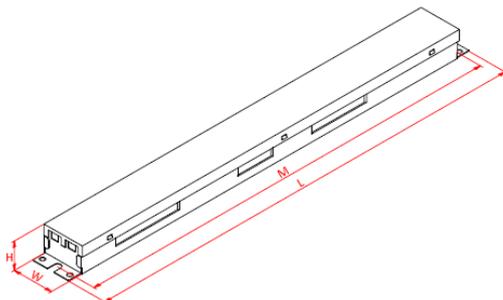
Wire Diagram



Lead Length	Inch	Cm
Black	18	45.7
White	18	45.7
Blue	30	76.2
Red	30	76.2
Yellow	30	76.2
Blue/White	48	121.9
Brown	40	101.6
Orange	56	142.2

Maximum Wiring Distance (at full load) is 18AWG/18Feet
Case must be grounded

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
54W T5	4	347	54	-22/-30	0.77	230	0.98	10	0.98	1.7	0.43
	3				0.51	176	1.00	10	0.98		0.57
	2				0.34	118	0.99	15	0.97		0.84
	1				0.17	60	1.02	15	0.97		1.70
54W T5/ES (49W)	4	347	49	-22/-30	0.62	212	0.98	10	0.98	1.7	0.46
	3				0.50	169	1.00	10	0.98		0.59
	2				0.33	113	0.99	15	0.97		0.88
	1				0.17	58	1.02	15	0.97		1.76
39W T5	4	347	39	-22/-30	0.49	170	1.00	10	0.98	1.7	0.59
55W PLL	4	347	55	-22/-30	0.58	198	0.88	10	0.98	1.7	0.44
	3				0.45	153	0.90	10	0.98		0.59
	2				0.29	102	0.92	15	0.97		0.90
	1				0.16	56	0.95	15	0.97		1.70
50W PLL	4	347	50	-22/-30	0.65	224	1.08	10	0.98	1.7	0.48
	3				0.49	169	1.08	10	0.98		0.64
	2				0.30	103	1.10	15	0.97		1.07
	1				0.16	55	1.10	15	0.97		2.00