



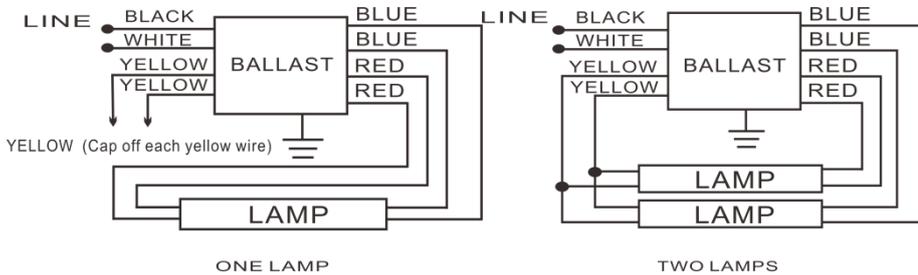
Model Name	ESD-454T5S-L
Ballast Type	Electronic
Starting Method	Program Start
Lamp connection	Series
Input Voltage	347-480V
Input Frequency	60Hz
Warranty	5 Years $TC \leq 75^{\circ}C$ 3 Years $75^{\circ}C \leq TC \leq 90^{\circ}C$

Safety & Performance



- 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

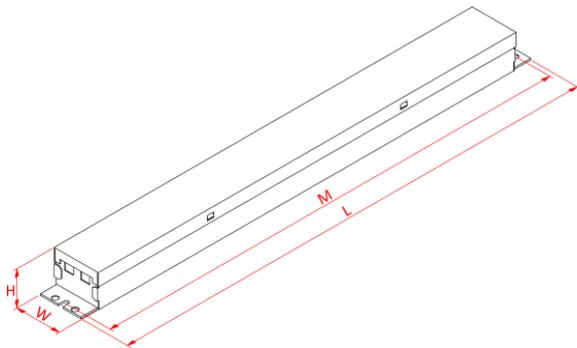
Wire Diagram



Lead Length	Inch	Cm
Black	18.8	48
White	18.8	48
Blue	30.9	78.5
Red	30.9	78.5
Yellow	46.4	118

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

Enclosure



Enclosure	Inch	Cm
Length(L)	15.55	39.5
Width(W)	1.49	3.8
Height(H)	1.14	2.9
Mounting(M)	15.23	38.7

AM14L



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 T5HO	2	347	54	-22/-30	0.34	114	0.89	10	0.98	1.7	0.78
		480			0.23			15	0.98		
	1	347			0.18	59	0.90	15	0.98		
		480			0.13			20	0.97		
54W T5HO/ES (49W)	2	347	49	-22/-30	0.31	106	0.89	10	0.98	1.7	0.84
		480			0.23			15	0.98		
	1	347			0.16	55	0.90	20	0.97		
		480			0.12			25	0.96		
55W PLL	2	347	55	-22/-30	0.31	106	0.78	10	0.98	1.7	0.74
		480			0.22			15	0.98		
	1	347			0.16	55	0.80	20	0.97		
		480			0.12			25	0.96		
39W T5	2	347	39	-22/-30	0.27	92	0.87	15	0.98	1.7	0.96
		480			0.19			15	0.97		
50W PLL	2	347	50	-22/-30	0.33	110	0.99	10	0.98	1.7	0.90
		480			0.23			15	0.98		
	1	347			0.17	56	1.01	20	0.97		
		480			0.12			25	0.96		