



Model Name	ESD-A28T5S
Ballast Type	Electronic
Starting Method	Program Start
Lamp connection	Series
Input Voltage	120-277V
Input Frequency	50/60Hz
Warranty	5 Years $TC \leq 75^{\circ}C$ 3 Years $75^{\circ}C \leq TC \leq 90^{\circ}C$

Safety & Performance

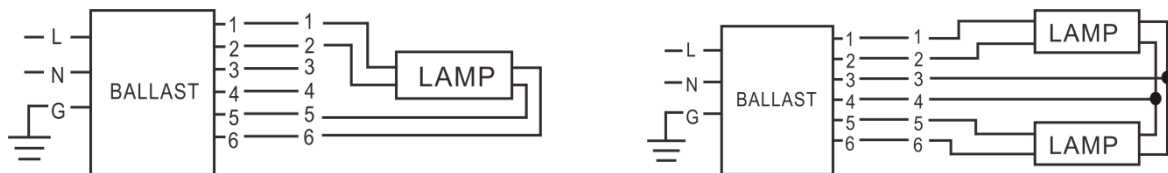


- One or Two lamps
- Sound Rated Class A
- Auto Restart
- UL/cUL Listed
- Class P Thermally Protected
- No PCBs
- UL Type 1 Outdoor
- High Power Factor
- Type HL
- FCC part 18 Class A
- Surge Protected
- DOE Energy Verified

Electrical Specification with Different Lamps

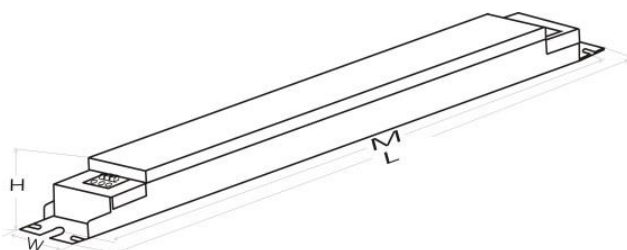
Lamp Type	No. of Lamps	Input Voltage (V)	Rated Lamp Watts	Start Temp Min. (F/C)	Input Current (Amps)	Input Power (ANSI Watts)	Ballast Factor	THD Max. (%)	Power Factor	Lamp Current Crest Factor Max.	BEF	
28W T5	2	120	28	-22/-30	0.44	64	1.03	10	0.99	1.7	1.61	
		230			0.26			10				
		277			0.20			10				
	1	120			0.27	33	1.05	10	0.99			
		230			0.15			15				0.98
		277			0.12			15				

Wire Diagram



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

Enclosure



AM34

Enclosure	Inch	Cm
Length(L)	11.5	29.2
Width(W)	1.34	3.4
Height(H)	1.06	2.7
Mounting(M)	11.14	28.3