



|                        |   |
|------------------------|---|
| <b>Model Name</b>      | ESD-A36T8S  |
| <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 $TC \leq 75^{\circ}C$<br>3 Years $75^{\circ}C \leq TC \leq 90^{\circ}C$ |

## Safety & Performance

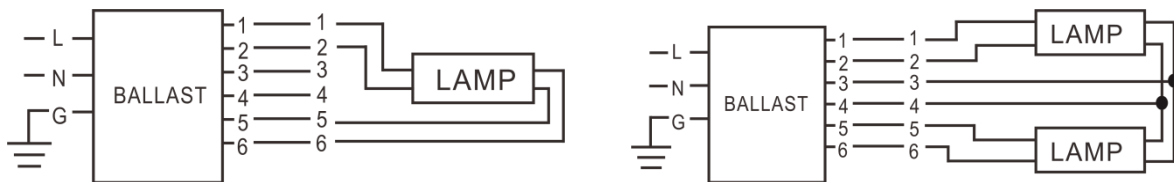


- One or Two lamps
- Sound Rated Class A
- Auto Restart
- UL/cUL Listed
- Class P Thermally Protected
- No PCBs
- UL Type 1 Outdoor
- High Power Factor
- Type HL
- FCC part 18 Class A
- Surge Protected

## Electrical Specification with Different Lamps

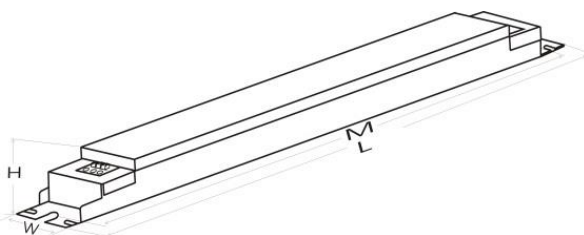
| Lamp Type | No. of Lamps | Input Voltage (V) | Rated Lamp Watts | Start Temp Min. (F/C) | Input Current (Amps) | Input Power (ANSI Watts) | Ballast Factor | THD Max. (%) | Power Factor | Lamp Current Crest Factor Max. | BEF  |
|-----------|--------------|-------------------|------------------|-----------------------|----------------------|--------------------------|----------------|--------------|--------------|--------------------------------|------|
| 36W T8    | 2            | 120               | 36               | -22/-30               | 0.78                 | 77                       | 0.88           | 10           | 0.99         | 1.7                            | 1.16 |
|           |              | 230               |                  |                       | 0.41                 |                          |                | 10           | 0.98         |                                |      |
|           |              | 277               |                  |                       | 0.36                 |                          |                | 15           | 0.98         |                                |      |
|           | 1            | 120               |                  |                       | 0.43                 | 40                       | 0.93           | 15           | 0.98         |                                |      |
|           |              | 230               |                  |                       | 0.26                 |                          |                | 15           | 0.98         |                                |      |
|           |              | 277               |                  |                       | 0.23                 |                          |                | 20           | 0.97         |                                |      |

## Wire Diagram



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

## Enclosure



AM24

| Enclosure   | Inch  | Cm   |
|-------------|-------|------|
| Length(L)   | 12.8  | 32.5 |
| Width(W)    | 1.34  | 3.4  |
| Height(H)   | 1.08  | 2.75 |
| Mounting(M) | 12.48 | 31.7 |