



Antron Electronics Co.,LTD  
安雄電子股份有限公司

# T5 Instant Start Ballast



|                 |                                                                                 |
|-----------------|---------------------------------------------------------------------------------|
| Model Name      | EPS-354T5M                                                                      |
| Ballast Type    | Electronic                                                                      |
| Starting Method | Active Instant Start                                                            |
| Lamp connection | Parallel                                                                        |
| Input Voltage   | 347V                                                                            |
| Input Frequency | 60Hz                                                                            |
| Warranty        | 5 Years $TC \leq 75^{\circ}C$<br>3 Years $75^{\circ}C \leq TC \leq 90^{\circ}C$ |

## Safety & Performance

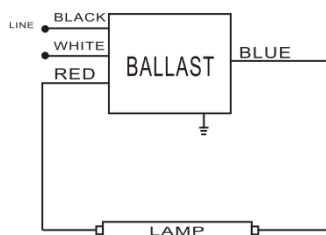


- One lamp
- UL/cUL Listed
- UL Type 1 Outdoor
- FCC part 18 Class A
- Sound Rated Class A
- Class P Thermally Protected
- High Power Factor
- Surge Protected
- Auto Restart
- No PCBs
- Type HL

## 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    | 1            | 347               | 54               | 0/-18                 | 0.16                 | 56                       | 0.88           | 10           | 0.99         | 1.7                            | 1.57 |
| 39W T5    | 1            | 347               | 39               | 0/-18                 | 0.12                 | 41                       | 0.91           | 15           | 0.98         | 1.7                            | 2.22 |

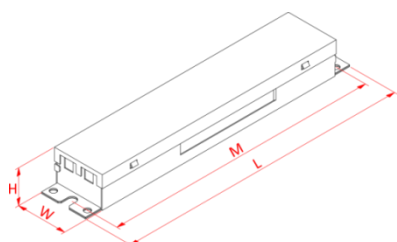
## Wire Diagram



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         | 46.4 | 118  |

## Enclosure



AM103

| Enclosure   | Inch | Cm   |
|-------------|------|------|
| Length(L)   | 9.5  | 24.1 |
| Width(W)    | 1.7  | 4.3  |
| Height(H)   | 1.2  | 3.05 |
| Mounting(M) | 8.9  | 22.6 |