



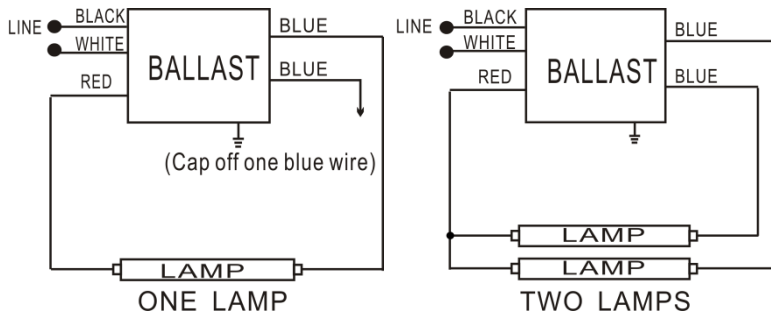
|                 |                                                                                 |
|-----------------|---------------------------------------------------------------------------------|
| Model Name      | EPD-A36T8M                                                                      |
| Ballast Type    | Electronic                                                                      |
| Starting Method | Instant Start                                                                   |
| Lamp connection | Parallel                                                                        |
| Input Voltage   | 120-277V                                                                        |
| Input Frequency | 50/60Hz                                                                         |
| Warranty        | 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
- 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
- Open Circuit Voltage 600V
- Type HL

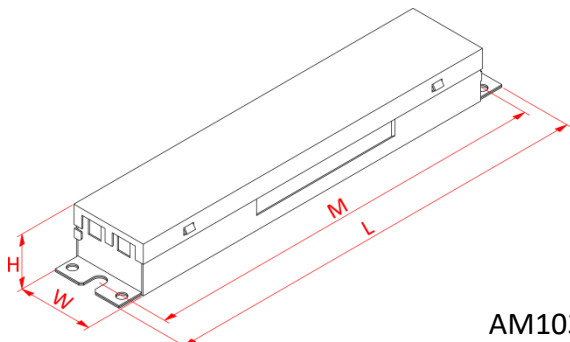
## Wire Diagram



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

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

## 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 |



## 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  |
|-----------|--------------|-------------------|------------------|-----------------------|----------------------|--------------------------|----------------|--------------|--------------|--------------------------------|------|
| F36T8     | 2            | 120               | 36               | 0/-18                 | 0.62                 | 75                       | 0.90           | 10           | 0.99         | 1.7                            | 1.20 |
|           |              | 230               |                  |                       | 0.33                 |                          |                | 15           | 0.98         |                                |      |
|           |              | 277               |                  |                       | 0.27                 |                          |                | 15           | 0.98         |                                |      |
|           | 1            | 120               | 36               | 0/-18                 | 0.33                 | 40                       | 1.06           | 10           | 0.98         | 1.7                            | 2.65 |
|           |              | 230               |                  |                       | 0.17                 |                          |                | 15           | 0.98         |                                |      |
|           |              | 277               |                  |                       | 0.14                 |                          |                | 20           | 0.97         |                                |      |
| F16T8     | 2            | 120               | 16               | 0/-18                 | 0.28                 | 33                       | 0.92           | 15           | 0.98         | 1.7                            | 2.79 |
|           |              | 230               |                  |                       | 0.15                 |                          |                | 15           | 0.97         |                                |      |
|           |              | 277               |                  |                       | 0.12                 |                          |                | 20           | 0.97         |                                |      |
|           | 1            | 120               | 16               | 0/-18                 | 0.14                 | 17                       | 1.08           | 15           | 0.97         | 1.7                            | 6.35 |
|           |              | 230               |                  |                       | 0.08                 |                          |                | 20           | 0.96         |                                |      |
|           |              | 277               |                  |                       | 0.06                 |                          |                | 25           | 0.95         |                                |      |