



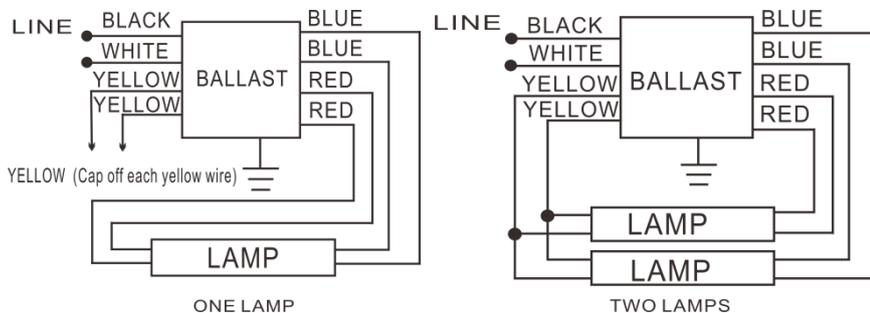
| | |
|------------------------|---|
| Model Name | TSD-UV40T8MS |
| Ballast Type | Electronic |
| Starting Method | Program Start |
| Lamp connection | Series |
| Input Voltage | 120-277V |
| Input Frequency | 50/60Hz |
| Warranty | 5 Years $TC \leq 75^{\circ}C$ 3 Years $75^{\circ}C \leq TC \leq 90^{\circ}C$ |

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
- Open Circuit Voltage 600V
- FCC part 18 Class A
- Surge Protected
- Type HL

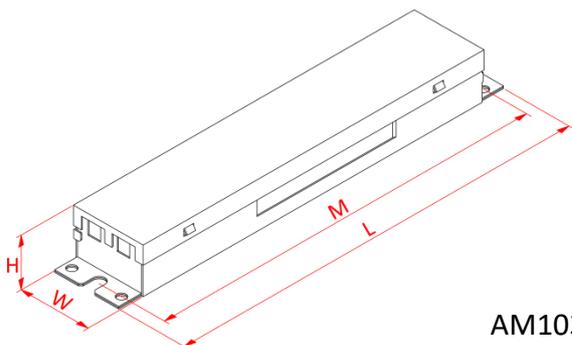
Wire Diagram



| 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



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 |
|-----------|--------------|-------------------|------------------|-----------------------|----------------------|--------------------------|----------------|--------------|--------------|--------------------------------|------|
| F40T8 | 2 | 120 | 40 | -22/-30 | 0.76 | 91 | 0.87 | 10 | 0.99 | 1.7 | 0.96 |
| | | 230 | | | 0.40 | | | 10 | 0.99 | | |
| | | 277 | | | 0.34 | | | 10 | 0.99 | | |
| | 1 | 120 | | | 0.43 | 53 | 1.00 | 10 | 0.99 | | 1.96 |
| | | 230 | | | 0.23 | | | 10 | 0.99 | | |
| | | 277 | | | 0.19 | | | 15 | 0.98 | | |
| F36T8 | 2 | 120 | 36 | -22/-30 | 0.57 | 68 | 0.91 | 10 | 0.99 | 1.7 | 1.34 |
| | | 230 | | | 0.30 | | | 10 | 0.99 | | |
| | | 277 | | | 0.25 | | | 10 | 0.99 | | |
| | 1 | 120 | | | 0.30 | 36 | 1.00 | 10 | 0.99 | | 2.78 |
| | | 230 | | | 0.16 | | | 10 | 0.98 | | |
| | | 277 | | | 0.14 | | | 10 | 0.98 | | |
| F32T8 | 2 | 120 | 32 | -22/-30 | 0.62 | 75 | 1.30 | 10 | 0.99 | 1.7 | 1.73 |
| | | 230 | | | 0.33 | | | 10 | 0.99 | | |
| | | 277 | | | 0.28 | | | 10 | 0.99 | | |
| | 1 | 120 | | | 0.34 | 42 | 1.50 | 10 | 0.99 | | 3.57 |
| | | 230 | | | 0.18 | | | 10 | 0.98 | | |
| | | 277 | | | 0.16 | | | 15 | 0.97 | | |
| F25T8 | 2 | 120 | 25 | -22/-30 | 0.48 | 57 | 0.95 | 10 | 0.99 | 1.7 | 1.67 |
| | | 230 | | | 0.25 | | | 10 | 0.99 | | |
| | | 277 | | | 0.21 | | | 15 | 0.98 | | |
| | 1 | 120 | | | 0.26 | 32 | 1.17 | 10 | 0.99 | | 3.66 |
| | | 230 | | | 0.14 | | | 15 | 0.97 | | |
| | | 277 | | | 0.11 | | | 15 | 0.97 | | |