



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

# CFL(PLT/PLC) Program Start Ballast



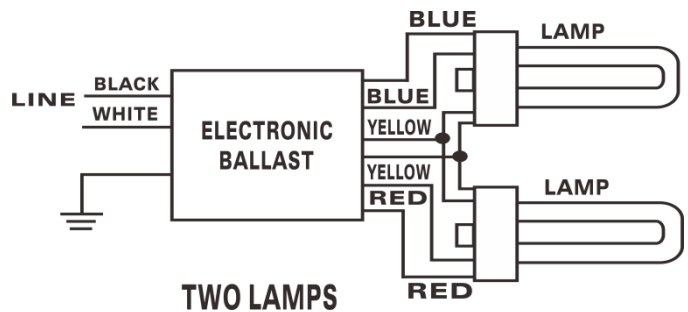
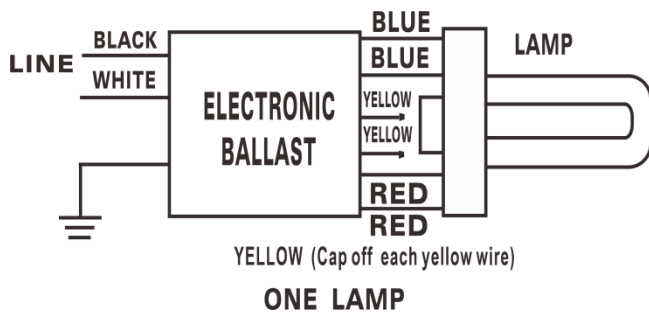
|                 |                                                                                 |
|-----------------|---------------------------------------------------------------------------------|
| Model Name      | CSS-UV42PS                                                                      |
| Ballast Type    | Electronic                                                                      |
| Starting Method | Program Start                                                                   |
| Lamp connection | Series                                                                          |
| Input Voltage   | 120-277V                                                                        |
| Input Frequency | 50/60Hz                                                                         |
| Warranty        | 5 Years $TC \leq 75^{\circ}C$<br>3 Years $75^{\circ}C \leq TC \leq 90^{\circ}C$ |

## Safety & Performance



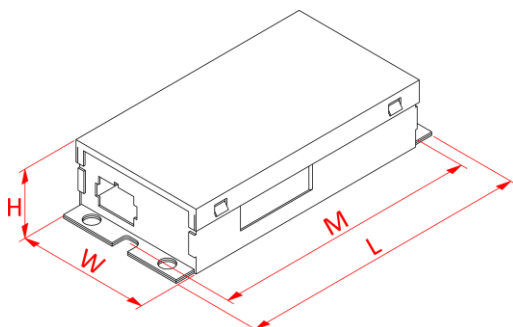
- One or Two lamps
- UL/cUL Listed
- UL Type 1 Outdoor
- FCC part 18 Class A
- Sound Rated Class A
- Class P Thermally Protected
- High Power Factor
- Surge Protected
- Auto Restart
- No PCBs
- Type HL

## Wire Diagram



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

## Enclosure



AM111

| Enclosure   | Inch | Cm   |
|-------------|------|------|
| Length(L)   | 5.24 | 13.3 |
| Width(W)    | 2.48 | 6.3  |
| Height(H)   | 1.18 | 3    |
| Mounting(M) | 4.84 | 12.3 |



## 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  |
|-----------|--------------|-------------------|------------------|-----------------------|----------------------|--------------------------|----------------|--------------|--------------|--------------------------------|------|
| PLT26W    | 2            | 120               | 26               | -22/-30               | 0.42                 | 53                       | 0.86           | 10           | 0.99         | 1.7                            | 1.62 |
|           |              | 230               |                  |                       | 0.22                 |                          |                | 15           | 0.99         |                                |      |
|           |              | 277               |                  |                       | 0.19                 |                          |                | 15           | 0.99         |                                |      |
|           | 1            | 120               |                  |                       | 0.22                 | 27                       | 0.88           | 10           | 0.99         |                                | 3.26 |
|           |              | 230               |                  |                       | 0.11                 |                          |                | 15           | 0.99         |                                |      |
|           |              | 277               |                  |                       | 0.1                  |                          |                | 15           | 0.98         |                                |      |
| PLT42W    | 1            | 120               | 42               | -22/-30               | 0.31                 | 39                       | 0.8            | 10           | 0.99         | 1.7                            | 2.05 |
|           |              | 230               |                  |                       | 0.17                 |                          |                | 15           | 0.99         |                                |      |
|           |              | 277               |                  |                       | 0.14                 |                          |                | 15           | 0.98         |                                |      |
| PLT32W    | 1            | 120               | 32               | -22/-30               | 0.25                 | 30                       | 0.8            | 10           | 0.99         | 1.7                            | 2.67 |
|           |              | 230               |                  |                       | 0.13                 |                          |                | 15           | 0.99         |                                |      |
|           |              | 277               |                  |                       | 0.11                 |                          |                | 15           | 0.98         |                                |      |
| PLL40W    | 1            | 120               | 40               | -22/-30               | 0.3                  | 37                       | 0.78           | 10           | 0.99         | 1.7                            | 2.11 |
|           |              | 230               |                  |                       | 0.16                 |                          |                | 15           | 0.99         |                                |      |
|           |              | 277               |                  |                       | 0.13                 |                          |                | 15           | 0.98         |                                |      |
| PLL39W    | 1            | 120               | 39               | -22/-30               | 0.24                 | 29                       | 0.49           | 10           | 0.99         | 1.7                            | 1.69 |
|           |              | 230               |                  |                       | 0.13                 |                          |                | 15           | 0.99         |                                |      |
|           |              | 277               |                  |                       | 0.11                 |                          |                | 15           | 0.98         |                                |      |
| PLL36W    | 1            | 120               | 36               | -22/-30               | 0.23                 | 28                       | 0.73           | 10           | 0.99         | 1.7                            | 2.61 |
|           |              | 230               |                  |                       | 0.12                 |                          |                | 15           | 0.99         |                                |      |
|           |              | 277               |                  |                       | 0.1                  |                          |                | 15           | 0.98         |                                |      |
| 2D28W     | 1            | 120               | 28               | -22/-30               | 0.23                 | 28                       | 0.67           | 10           | 0.99         | 1.7                            | 2.39 |
|           |              | 230               |                  |                       | 0.12                 |                          |                | 15           | 0.99         |                                |      |
|           |              | 277               |                  |                       | 0.1                  |                          |                | 15           | 0.98         |                                |      |