



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

# CFL(PLT/PLC) Program Start Ballast



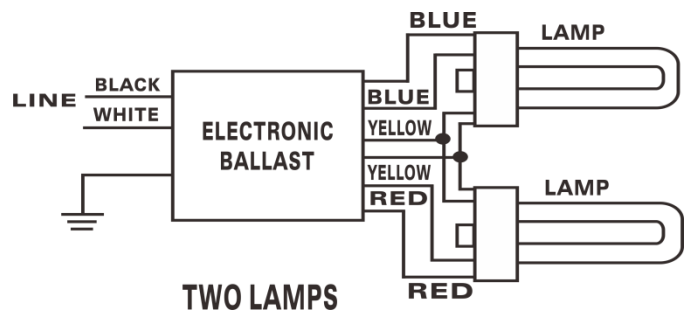
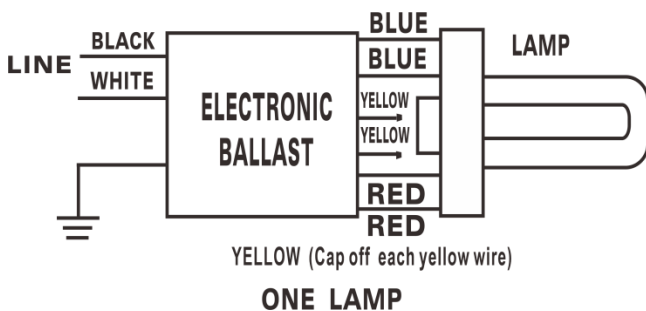
|                 |                                                                                 |
|-----------------|---------------------------------------------------------------------------------|
| Model Name      | CSD-B42PS                                                                       |
| Ballast Type    | Electronic                                                                      |
| Starting Method | Program Start                                                                   |
| Lamp connection | Series                                                                          |
| 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



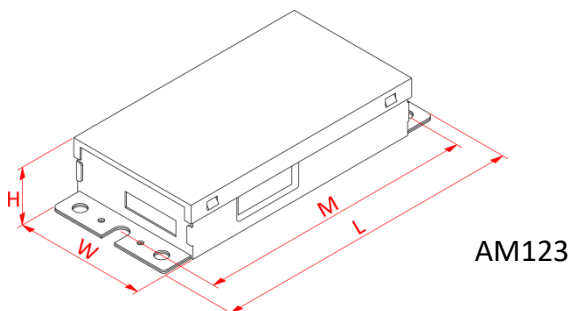
- One or Two lamps
- UL/cUL Listed
- UL Type 1 Outdoor
- FCC part 18 Class A
- Sound Rated Class A
- Class P Thermally Protected
- High Power Factor
- Surge Protected
- Auto Restart
- No PCBs
- Type HL

## Wire Diagram



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

## Enclosure



AM123

| Enclosure   | Inch | Cm   |
|-------------|------|------|
| Length(L)   | 6.5  | 16.5 |
| Width(W)    | 2.9  | 7.3  |
| Height(H)   | 1.18 | 3    |
| Mounting(M) | 5.9  | 14.9 |



## 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  |
|-----------|--------------|-------------------|------------------|-----------------------|----------------------|--------------------------|----------------|--------------|--------------|--------------------------------|------|
| PLT42W    | 2            | 347               | 42               | -22/-30               | 0.27                 | 94                       | 0.91           | 10           | 0.98         | 1.7                            | 0.97 |
|           | 1            |                   |                  |                       | 0.13                 | 45                       | 0.99           | 15           | 0.99         |                                | 2.20 |
| PLT32W    | 2            | 347               | 32               | -22/-30               | 0.2                  | 70                       | 0.92           | 15           | 0.98         | 1.7                            | 1.31 |
|           | 1            |                   |                  |                       | 0.1                  | 35                       | 0.99           | 20           | 0.98         |                                | 2.83 |
| PLT26W    | 2            | 347               | 26               | -22/-30               | 0.18                 | 60                       | 1              | 15           | 0.97         | 1.7                            | 1.67 |
| PLL40W    | 2            | 347               | 40               | -22/-30               | 0.26                 | 88                       | 0.91           | 10           | 0.99         | 1.7                            | 1.03 |
|           | 1            |                   |                  |                       | 0.12                 | 42                       | 0.91           | 20           | 0.99         |                                | 2.17 |
| PLL39W    | 2            | 347               | 39               | -22/-30               | 0.2                  | 68                       | 0.61           | 15           | 0.98         | 1.7                            | 0.90 |
|           | 1            |                   |                  |                       | 0.1                  | 35                       | 0.67           | 25           | 0.98         |                                | 1.91 |
| PLL36W    | 2            | 347               | 36               | -22/-30               | 0.21                 | 70                       | 0.88           | 15           | 0.97         | 1.7                            | 1.26 |
|           | 1            |                   |                  |                       | 0.09                 | 33                       | 0.89           | 25           | 0.98         |                                | 2.70 |
| PLL55W    | 1            | 347               | 55               | -22/-30               | 0.15                 | 47                       | 0.69           | 20           | 0.94         | 1.7                            | 1.47 |
| PLL50W    | 1            | 347               | 50               | -22/-30               | 0.14                 | 47                       | 0.78           | 20           | 0.95         | 1.7                            | 1.66 |