

# ESD-A21T5

Type: Programmed Start Electronic Ballast

Lamp Connection: Dual Lamps in Series

Lamp Types:

21 Watt T5 or 14 Watt T5

SLI lamps or cross reference

GE, Philips or Sylvania/OSRAM lamps



## SPECIFICATIONS

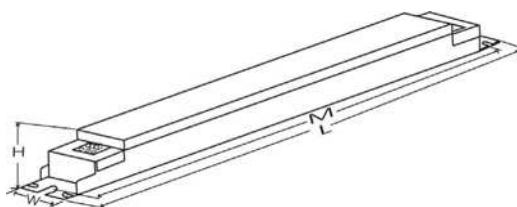
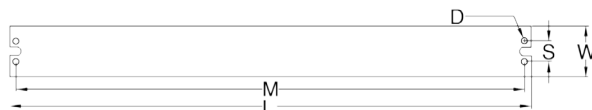
| Input Voltage | Number of Lamps | Lamp Type | Lamp Watts | Input Watts (typical) | Input Current (typical) | Power Factor | Max THD | Crest Factor | Ballast Factor | Bench Heat Test at 25°C Ambient |
|---------------|-----------------|-----------|------------|-----------------------|-------------------------|--------------|---------|--------------|----------------|---------------------------------|
| 120V          | 2               | FT21T5    | 21W        | 47W                   | 0.40A                   | 0.99         | <10%    | <1.7         | 0.90           | 55°C                            |
| 120V          | 1               | FT21T5    | 21W        | 24W                   | 0.20A                   | 0.99         | <10%    | <1.7         | 0.95           | 55°C                            |
| 120V          | 2               | FT14T5    | 14W        | 33W                   | 0.28A                   | 0.99         | <10%    | <1.7         | 0.90           | 55°C                            |
| 120V          | 1               | FT14T5    | 14W        | 17W                   | 0.15A                   | 0.99         | <10%    | <1.7         | 0.97           | 55°C                            |
| 230V          | 2               | FT21T5    | 21W        | 47W                   | 0.20A                   | 0.99         | <10%    | <1.7         | 0.93           | 55°C                            |
| 230V          | 1               | FT21T5    | 21W        | 24W                   | 0.10A                   | 0.99         | <15%    | <1.7         | 0.98           | 55°C                            |
| 230V          | 2               | FT14T5    | 14W        | 34W                   | 0.15A                   | 0.99         | <10%    | <1.7         | 0.93           | 55°C                            |
| 230V          | 1               | FT14T5    | 14W        | 18W                   | 0.08A                   | 0.99         | <15%    | <1.7         | 0.97           | 55°C                            |
| 277V          | 2               | FT21T5    | 21W        | 48W                   | 0.17A                   | 0.99         | <10%    | <1.7         | 0.93           | 55°C                            |
| 277V          | 1               | FT21T5    | 21W        | 25W                   | 0.09A                   | 0.97         | <20%    | <1.7         | 0.97           | 55°C                            |
| 277V          | 2               | FT14T5    | 14W        | 34W                   | 0.13A                   | 0.99         | <15%    | <1.7         | 0.93           | 55°C                            |
| 277V          | 1               | FT14T5    | 14W        | 18W                   | 0.07A                   | 0.99         | <20%    | <1.7         | 0.99           | 55°C                            |

## SAFETY & PERFORMANCE

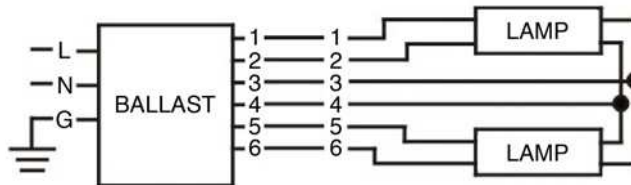
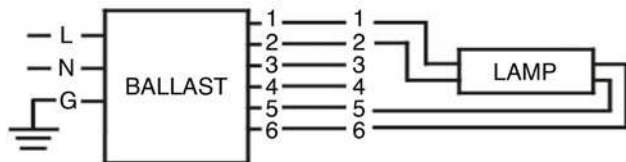
- 120-277V, 50-60Hz Input Voltage
- UL Listed
- cUL Listed
- Type HL
- Sound Rated A
- Type 1 Outdoor
- Auto Restart
- Surge Protection
- End of Lamp Life Protection
- Class P Thermally Protected (Inherent)
- EMI/RFI Meets FCC Part18 Subpart C
- No PCBs

## APPLICATION

- Minimum Starting Temp -20°C
- Maximum Case Temp 75°C
- Remote Wiring Length up to 25 ft



| Dimensions    |          |
|---------------|----------|
| Length (L)    | 11.50"   |
| Width (W)     | 1.34"    |
| Height (H)    | 1.10"    |
| Mounting (M)  | 11.10"   |
| Mounting (S)  | 0.53"    |
| Hole Diameter | 0.16"    |
| Weight        | .95 lbs. |
| Case Qty.     | 30 pcs.  |



## INSTALLATION

- Install in accordance with the National Electrical Code
- Use with 600V rated wire
- Use external ground wire
- Do not connect any lamp lead to neutral
- Mounting side of ballast package must be in complete contact with metallic fixture surface for proper thermal dissipation



## WARRANTY

AC Electronics warrants to the purchaser that each electronic ballast will be free from defects in material or workmanship for a period of 5 years from the date of manufacture when properly installed and under normal conditions of use.

Administration & Distribution Center: 3401 Avenue D, Arlington, TX 76011  
1-800-375-6355 • www.ace-ballast.com

Data is based upon tests performed by AC Electronics in a controlled environment and representative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications are nominal unless otherwise noted.

