

ESD-B35T5S or ESD-B35T5

Type: Programmed Rapid Start Electronic Ballast
 Lamp Connection: Dual Lamps in Series
 Lamp Types:
 One or Two F35T5 or F28T5
 SLI lamps or cross
 reference Philips, GE and 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 |
|---------------|-----------------|-----------|------------|-----------------------|-------------------------|--------------|---------|--------------|----------------|---------------------------------|
| 347V | 2 | F35T5 | 35W | 78W | 0.23A | 0.99 | <10% | <1.7 | 0.91 | 55°C |
| 347V | 2 | F28T5 | 28W | 66W | 0.19A | 0.99 | <10% | <1.7 | 0.96 | 45°C |
| 347V | 1 | F35T5 | 35W | 41W | 0.13A | 0.99 | <10% | <1.7 | 0.99 | 35°C |
| 347V | 1 | F28T5 | 28W | 35W | 0.11A | 0.99 | <10% | <1.7 | 1.00 | 35°C |

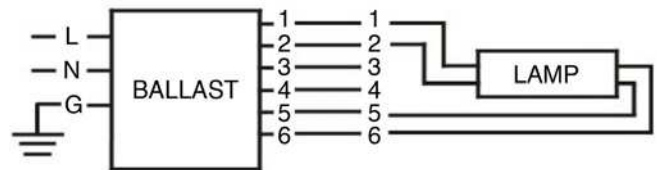
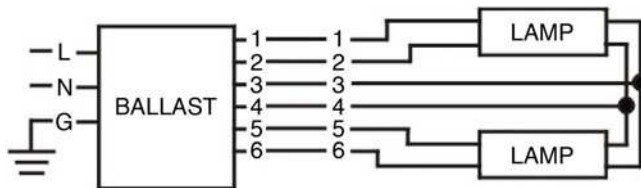
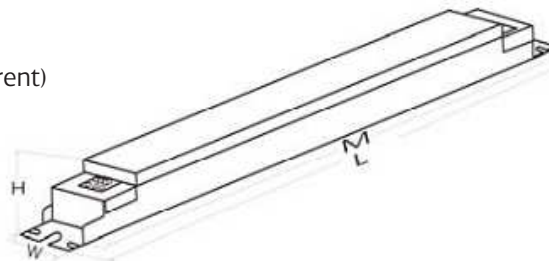
SAFETY & PERFORMANCE

- 347V, 50/60Hz Input Voltage
- UL Listed
- cUL Listed
- Type HL
- High Power Factor
- Type 1 Outdoor
- Sound Rated A
- Auto Restart
- Surge Protected
- End of Lamp Life Protection
- Class P Thermally Protected (Inherent)
- No PCBs

APPLICATION

- Minimum Starting Temp -30°C
- Maximum Case Temp:
 ESD-B35T5S: 90°C
 ESD-B35T5: 75°C
- Remote Wiring Length up to 25 ft

| Dimensions | |
|---------------|-----------|
| Length (L) | 12.8" |
| Width (W) | 1.34" |
| Height (H) | 1.14" |
| Mounting (M) | 12.4" |
| Mounting (S) | 0.51" |
| Hole Diameter | 0.18" |
| Weight | 1.10 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:
 3 years from date of manufacture for ESD-B35T5S
 5 years from date of manufacture for ESD-B35T5
 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.

