

## ESS-A54T5

Type: Programmed Start Electronic Ballast

Lamp Connection: Single

Lamp Types:

One FQ54, FT55, or FQ39 T5

SLI lamps or cross

reference Philips, GE and Sylvania/OSRAM lamps



### SPECIFICATIONS

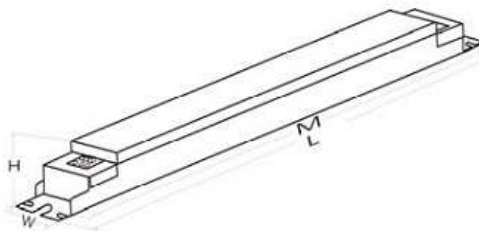
Input Voltage	Number of Lamps	Lamp Type	Lamp Watts	Input Watts (typical)	Input Current (typical)	Power Factor	Max THD	Crest Factor	Ballast Factor	Bench Heat Test at 25°C Ambient
120V	1	FQ54WT5	54W	55W	0.45A	0.99	<10%	<1.7	0.85	55°C
120V	1	FQ39WT5	39W	43W	0.35A	0.99	<10%	<1.7	0.82	55°C
120V	1	FT50WT5	50W	56W	0.46A	0.99	<10%	<1.7	0.90	55°C
120V	1	FT55WT5	55W	49W	0.40A	0.99	<10%	<1.7	0.72	55°C
230V	1	FQ54WT5	54W	55W	0.23A	0.99	<10%	<1.7	0.85	55°C
230V	1	FQ39WT5	39W	40W	0.17A	0.98	<15%	<1.7	0.85	55°C
230V	1	FT50WT5	50W	55W	0.23A	0.99	<10%	<1.7	0.91	55°C
230V	1	FT55WT5	55W	48W	0.20A	0.99	<10%	<1.7	0.75	55°C
277V	1	FQ54WT5	54W	55W	0.20A	0.98	<10%	<1.7	0.85	55°C
277V	1	FQ39WT5	39W	40W	0.14A	0.97	<15%	<1.7	0.85	55°C
277V	1	FT50WT5	50W	55W	0.20A	0.98	<10%	<1.7	0.91	55°C
277V	1	FT55WT5	55W	49W	0.18A	0.98	<15%	<1.7	0.75	55°C

### SAFETY & PERFORMANCE

- 120-277V, 50/60Hz Input Voltage
- UL Listed
- cUL Listed
- Type HL
- High Power Factor
- Type 1 Outdoor
- Sound Rated A
- Surge Protected
- End of Lamp Life Protection
- Class P Thermally Protected (Inherent)
- No PCBs

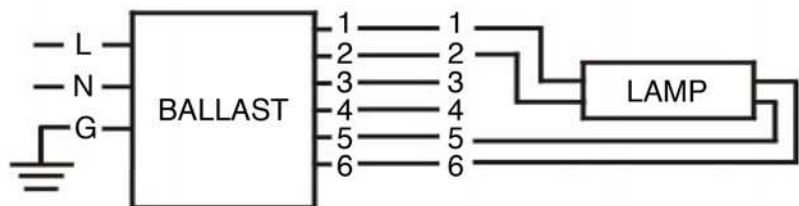
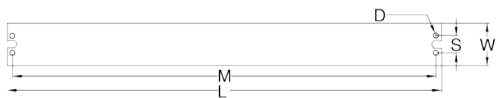
### APPLICATION

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



### Dimensions

Length (L)	11.5"
Width (W)	1.34"
Height (H)	1.06"
Mounting (M)	11.14"
Mounting (S)	0.53"
Hole Diameter	0.157"
Weight	2.20 lbs.
Case Qty.	15 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](http://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.

