

ESD-A54T5S

Type: Programmed Start Electronic Ballast

Lamp Connection: Dual Lamps in Series

Lamp Types: One or Two FQ54, FT55, FT50 or

Two FQ39 T5 SLI lamps or cross reference

Philips, Sylvania/OSRAM or GE Rapid Start lamps



SPECIFICATIONS

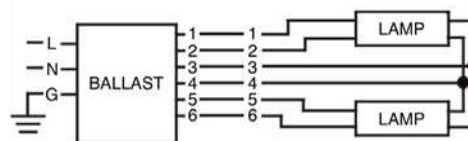
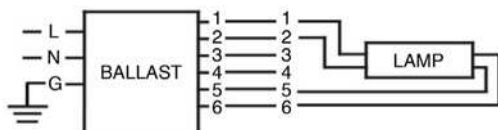
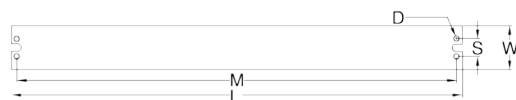
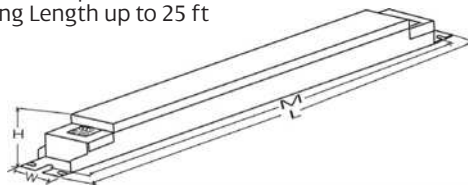
Input Voltage	Number of Lamps	Lamp Type	Lamp Watts	Input Watts (typical)	Input Current (typical)	Power Factor	Max THD	Crest Factor	Ballast Factor	Bench Heat Test at 25°C Ambient
120V	2	FQ54	54W	116W	0.97A	0.99	<10%	<1.7	0.99	56°C
120V	2	FT55	55W	107W	0.89A	0.99	<10%	<1.7	0.88	53°C
120V	2	FT50	50W	112W	0.93A	0.99	<10%	<1.7	1.04	51°C
120V	2	FQ39	39W	92W	0.76A	0.99	<10%	<1.7	0.98	50°C
120V	1	FQ54	54W	60W	0.50A	0.99	<10%	<1.7	0.98	47°C
120V	1	FT55	55W	56W	0.46A	0.99	<10%	<1.7	0.90	45°C
120V	1	FT50	50W	58W	0.48A	0.99	<10%	<1.7	1.06	47°C
230V	2	FQ54	54W	117W	0.51A	0.99	<10%	<1.7	0.98	57°C
230V	2	FT55	55W	111W	0.48A	0.98	<15%	<1.7	0.90	53°C
230V	2	FT50	50W	111W	0.48A	0.99	<10%	<1.7	1.06	55°C
230V	2	FQ39	39W	92W	0.40A	0.98	<10%	<1.7	1.00	50°C
230V	1	FQ54	54W	62W	0.27A	0.98	<15%	<1.7	1.00	47°C
230V	1	FT55	55W	58W	0.25A	0.98	<15%	<1.7	0.92	45°C
230V	1	FT50	50W	58W	0.25A	0.98	<15%	<1.7	1.08	47°C
277V	2	FQ54	54W	118W	0.43A	0.98	<10%	<1.7	1.00	53°C
277V	2	FT55	55W	113W	0.40A	0.98	<15%	<1.7	0.92	53°C
277V	2	FT50	50W	112W	0.40A	0.98	<10%	<1.7	1.08	55°C
277V	2	FQ39	39W	92W	0.33A	0.97	<15%	<1.7	1.02	54°C
277V	1	FQ54	54W	63W	0.23A	0.97	<15%	<1.7	1.02	55°C
277V	1	FT55	55W	59W	0.21A	0.97	<20%	<1.7	0.95	45°C
277V	1	FT50	50W	59W	0.21A	0.97	<15%	<1.7	1.10	47°C

SAFETY & PERFORMANCE

- 120-277V, 50-60Hz Input Voltage
- UL Listed
- cUL Listed
- Type HL
- Type 1 Outdoor
- Sound Rated A
- High Power Factor
- End of Lamp Life Protection
- Class P Thermally Protected (Inherent)
- Thermal Trigger Protection
- EMI/RFI: Meets FCC Part 18 Subpart C
- Surge Protection
- Auto Restart
- No PCBs

APPLICATION

- Minimum Starting Temp -30°C
- Maximum Case Temp 90°C
- Remote Wiring Length up to 25 ft



Parameters

Length (L)	12.8"
Width (W)	1.34"
Height (H)	1.14"
Weight	.92 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 date of manufacture when operated at a max case temp of 90°C; 5 years when operated at a max case temp of <75°C, 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.

