

## ESS-A96PBXSX2

Type: Programmed Start Electronic Ballast

Lamp Connection: Dual Lamps in Series

Lamp Types:

One or Two FQ80W T5

SLI lamps or cross reference Philips,

GE and Sylvania/OSRAM lamps



### SPECIFICATIONS

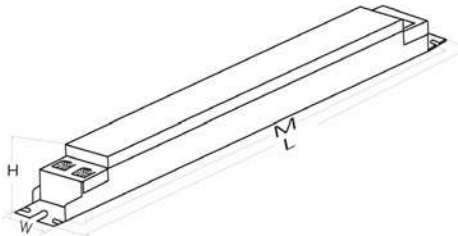
Input Voltage	Number of Lamps	Lamp Type	Lamp Watts	Input Watts (typical)	Input Current (typical)	Power Factor	Max THD	Crest Factor	Ballast Factor	Bench Heat Test at 25°C Ambient
120V	2	FQ80WT5	80W	160W	1.33A	0.99	<10%	<1.7	0.91	55°C
120V	1	FQ80WT5	80W	80W	0.65A	0.99	<10%	<1.7	0.88	55°C
230V	2	FQ80WT5	80W	162W	0.70A	0.98	<15%	<1.7	0.89	55°C
230V	1	FQ80WT5	80W	81W	0.35A	0.98	<15%	<1.7	0.89	55°C
277V	2	FQ80WT5	80W	162W	0.58A	0.98	<15%	<1.7	0.92	55°C
277V	1	FQ80WT5	80W	81W	0.29A	0.98	<15%	<1.7	0.89	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

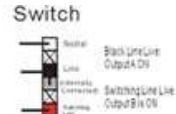
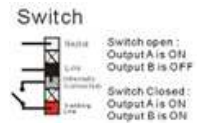
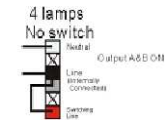
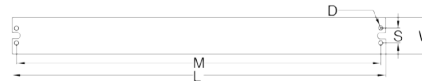
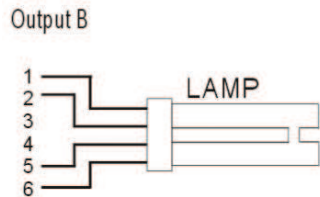
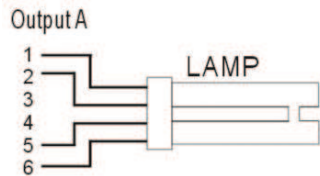
### APPLICATION

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



### Dimensions

Length (L)	12.8"
Width (W)	2.52"
Height (H)	1.18"
Mounting (M)	12.5"
Mounting (S)	1.73"
Hole Diameter	0.20"
Weight	2.08 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 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.

