

APPLICATION and PERFORMANCE SPECIFICATION

**Description:** Electronic ballast(s) for (1/2) F28T5 or (1/2) F21T5 or (1) F35T5 or (1/2) F14T5

- Line Voltage: 120 - 277 vac, ±10%, 50/60Hz
- Series Lamp Operation
- Auto Reset after Lamp Replacement
- Programmed Rapid Start
- Active Power Factor Correction
- End of Lamp Life Shutdown Circuitry

Lamp Type	Line Volts	No. of Lamps	Input Watts	Nominal Line Amps	Ballast Factor	Power Factor	Harmonic Total	Crest Factor
F28T5	120	2	63	0.55	1.00	> 0.98	< 10%	< 1.7
F28T5	120	1	32	0.27	1.00	> 0.98	< 10%	< 1.7
F28T5	277	2	61	0.23	1.00	> 0.98	< 10%	< 1.7
F28T5	277	1	32	0.12	1.00	> 0.95	< 10%	< 1.7
F35T5	120	1	40	0.33	1.00	> 0.99	< 10%	< 1.7
F35T5	277	1	40	0.15	1.00	> 0.97	< 10%	< 1.7
F21T5	120	2	48	0.41	1.00	> 0.98	< 10%	< 1.7
F21T5	120	1	24	0.20	1.03	> 0.98	< 10%	< 1.7
F21T5	277	2	46	0.17	1.00	> 0.98	< 10%	< 1.7
F21T5	277	1	24	0.09	1.03	> 0.95	< 10%	< 1.7
F14T5	120	2	32	0.28	1.00	> 0.98	< 10%	< 1.7
F14T5	120	1	17	0.14	1.05	> 0.98	< 10%	< 1.7
F14T5	277	2	32	0.12	1.00	> 0.95	< 10%	< 1.7
F14T5	277	1	17	0.07	1.05	> 0.90	< 10%	< 1.7

Application and Performance Specification Information Subject to Change without Notification.

**Performance:**

- Meets ANSI Standard C82.11-1993
- Meets ANSI Standard C62.41-1991
- Meets FCC Part 18 (Class A) for EMI and RFI Non-Consumer Limits

**Safety:**

- No PCB's
- cUL<sub>US</sub> listed (Class P, Type 1 Outdoor)

**Application:**

- Minimum Starting Temperature: 0 °F, -18 °C
- Maximum Ambient Temperature: 104 °F, 40°C
- Maximum Case Temperature(tc): 167 °F, 75 °C
- Sound Rating: Class A
- Remote Mounting: 20 ft.
- Wire Trap, Plug-in Connectors are Standard
- Leadwire Option Available

**Physical Parameters**

	Inches	Metric
• Mounting Length:	13.75" +/- 0.01"	349.3 mm
(Center to Center)		
• Overall Length:	14.25" +/- 0.01"	362 mm
• Width:	1.18" + 0.03"/- 0.02"	30 mm
• Height:	1.00" + 0.04"/- 0.01"	25.4 mm
• Weight:	1 lbs.	0.4 kg
• Carton Quantity:	10 pieces	

**Warranty:**

Universal Lighting Technologies warrants to the purchaser that each electronic ballast will be free from defects in material or workmanship for a period of 5 years from date of manufacture when properly installed and under normal conditions of use. Call **1-800-BALLASTx800** for technical assistance.

Manufactured in North America

