

APPLICATION and PERFORMANCE SPECIFICATION

Description: High frequency electronic ballast for (1) F32T8ES-30W, (1) F32T8ES-25W, (1) F28T8, (1) F25T8, (1) F17T8, (1) F40T8 and equivalent U-shaped lamps.

- Line Voltage: 108vac - 305vac, 50/60Hz
- Parallel Lamp Operation
- Instant Start
- Active Power Factor Correction

*60 Hz data

Lamp		Volts	Input Watts	Nominal Line Amps	Power Factor	Ballast Factor	Ballast Efficacy Factor	Harmonic Total	Crest Factor
Type	#								
F32T8ES (30W)	1	120	23	0.20	> .98	.77	3.35	< 10%	< 1.7
F32T8ES (30W)	1	277	23	0.10	> .95	.77	3.35	< 10%	< 1.7
F32T8ES (25W)	1	120	20	0.17	> .98	.77	3.85	< 10%	< 1.7
F32T8ES (25W)	1	277	20	0.07	> .95	.77	3.85	< 10%	< 1.7
F32T8	1	120	25	0.22	> .98	.77	3.08	< 10%	< 1.7
F32T8	1	277	25	0.11	> .95	.77	3.08	< 10%	< 1.7
F28T8	1	120	21	0.20	> .98	.77	3.67	< 10%	< 1.7
F28T8	1	277	21	0.10	> .95	.77	3.67	< 10%	< 1.7
F25T8	1	120	19	0.18	> .98	.78	4.11	< 10%	< 1.7
F25T8	1	277	19	0.09	> .90	.78	4.11	< 10%	< 1.7
F17T8	1	120	14	0.12	> .98	.78	5.57	< 15%	< 1.7
F17T8	1	277	14	0.06	> .90	.78	5.57	< 15%	< 1.7
F40T8	1	120	32	0.25	> .98	.76	2.38	< 10%	< 1.7
F40T8	1	277	32	0.13	> .95	.76	2.38	< 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
- Anti-striation circuitry

Safety:

- No PCB's
- UL listed
(Class P, Type 1 Outdoor, Type HL)
- CSA Certified

Application:

- Minimum Starting Temperature: 0° F, -18° C
For ES & 28W Lamps: 60° F, 16° C
- Maximum Ambient Temperature: 105° F, 40° C
- Sound Rated: A
- Remote Mounting: 20 ft. max. lead length, 18 AWG

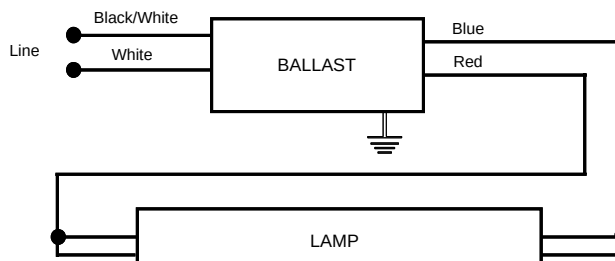
Physical Parameters

Length: 9.50"
Width: 1.70"
Height: 1.18"
Weight: 1.70 lbs
Lead Length: Black, White 25" (+/-1")
Red 48" (+/-1")
Blue 31" (+/-1")

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-BALLASTx80 for technical assistance.

Manufactured in North America



Ballast must be grounded in accordance with national and local electrical codes.