

APPLICATION and PERFORMANCE SPECIFICATION

Description: High frequency electronic ballast for (2/1) F96T8HO or (2/1) F48T8HO lamps

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

Lamp	Line Volts	Lamp #	Input Watts	Nominal Line Amps	Power Factor	Ballast Factor	Ballast Efficacy Factor	Harmonic Total	Crest Factor
F96T8HO (86W)	120	2	187	1.57	> .98	.95	0.51	< 10%	<1.7
F96T8HO (86W)	277	2	184	0.67	> .96	.95	0.52	< 10%	<1.7
F96T8HO (86W)	120	1	96	0.80	> .98	1.00	1.04	< 10%	<1.7
F96T8HO (86W)	277	1	96	0.36	> .95	1.00	1.04	< 12%	<1.7
F48T8HO	120	2	93	0.75	> .98	.98	1.05	< 10%	<1.7
F48T8HO	277	2	93	0.34	> .95	.98	1.05	< 12%	<1.7
F48T8HO	120	1	49	0.41	> .96	1.01	2.06	< 10%	<1.7
F48T8HO	277	1	49	0.19	> .92	1.01	2.06	< 15%	<1.7

Application and Performance Specification Information Subject to Change without Notification.

Performance:

- Meets ANSI Standard C82.11-2011
- Meets ANSI Standard C62.41.2-2002
- Meets FCC Part 18 (Class A) for EMI and RFI Non-Consumer Limits

Safety:

- No PCBs
- cUL_{US} Listed (Class P, Type 1 Outdoor)
- Type CC, Type HL

Application:

- Minimum Starting Temperature: -20° F, -29° C
- Maximum Case Temperature: 194° F, 90° C
- Sound Rated: A
- Remote Mounting: 18 ft. max. lead length, 18 AWG

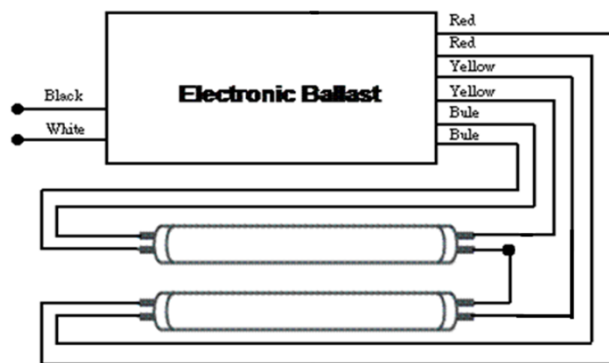
Physical Parameters:

- Length: 11.8"
- Width: 1.7"
- Height: 1.2"
- Weight: 2.65 lbs.
- Lead Length: White, Black 25" (± 1")
- (010C Carton) Red, Blue 46" (± 1")
- Yellow 70" (± 1")

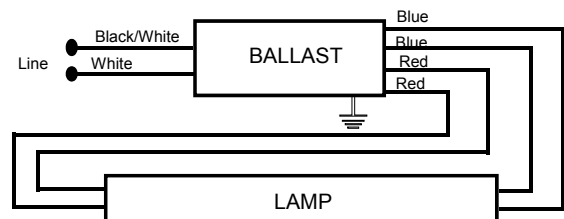
Warranty:

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 operated at a maximum case temperature of 75°C or 3 years when operated at a maximum case temperature of 90°C when properly installed and under normal conditions of use.

Call **1-800-BALLASTx800** for technical assistance.



Yellow leads must be connected to the plunger end of the fixture.



For one lamp operation, individually cap yellow leads, insulate to 600V.

**Ballast case must be grounded
Manufactured in China**

