

## 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<sub>US</sub> 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

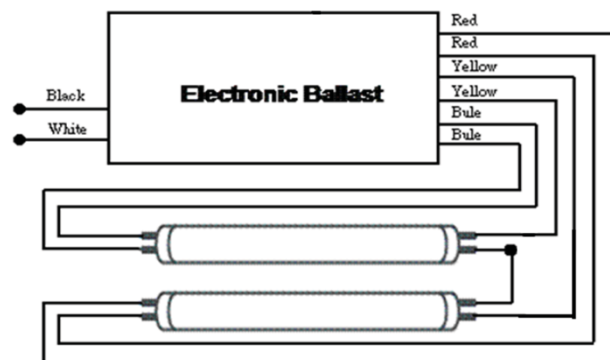
### Physical Parameters:

- 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")

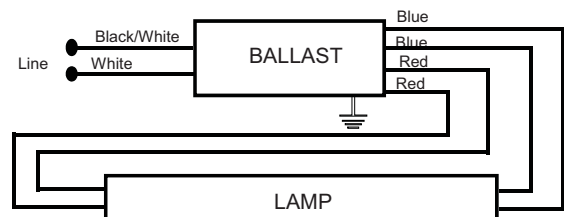
### Warranty:

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

