

# 481-LH-TC-P

## Application and Performance Specifications

**Description:** Electromagnetic ballast for (1) fluorescent lamp as indicated below:

- Line Voltage: 120 vac, + 5%, - 10%, 60Hz
- Rapid Start
- High Power Factor (except as noted)

Lamp		Input Current ( Amps )	Input Power ( Watts )	Power Factor	Ballast Factor	Ballast Efficacy Factor	T.H.D. %	Crest Factor
Type	#							
<b>F96T12HO</b>	<b>1</b>	<b>1.16</b>	<b>136</b>	<b>&gt; .90</b>	<b>.91</b>	<b>0.67</b>	<b>&lt; 20</b>	<b>&lt; 1.9</b>
F96T12HOES	1	0.96	110	> .90	.84	0.77	< 32	< 1.9
F84T12HO	1	1.02	119	> .90	.88	0.74	< 32	< 1.9
F72T12HO	1	0.92	106	> .90	.89	0.84	< 32	< 1.9
F64T12H0	1	0.9	102	> .90	.87	0.85	< 32	< 1.9
F60T12H0	1	0.86	100	> .90	.87	0.87	< 32	< 1.9
F48T12HOES	1	0.77	75	> .60	.79	1.05	> 32	< 1.9
F48T12HO	1	0.79	82	> .60	.84	1.02	> 32	< 1.9

Application and Performance Specification Information Subject to Change without Notification.

### Performance:

- Designed in accordance with ANSI C82.1
- Compatible with PLC and IR systems
- Lead type circuit

### Application:

- Minimum Starting Temperature: 60° F, 15° C for *Energy Savings lamps; -20° F, -29° C for other lamps*
- Maximum Ballast Case Temperature not to exceed 90° C
- Sound Rated: B
- Remote Mounting: 15 feet with minimum 18 AWG ( refer to TechNote # 7b for other wire sizes/lengths )

### Safety:

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

### Mechanical:

- Length: 11 3/4"
- Width: 3 3/16"
- Height: 2 5/8"
- Lead Length ( inches, ± 1 ) :
  - White, Black 10
  - Red (2) 44
  - Blue (2) 60
- Weight: 11.3 lbs.

### Overall

### Mounting

11 3/4"      11 9/64"  
 3 3/16"      2"  
 2 5/8"  
 10  
 44  
 60  
 11.3 lbs.

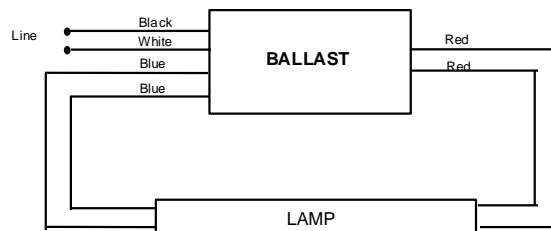
### Footnotes:

\* This ballast cannot be used with (1)F24T12/HO, (1)F36T12/HO or (1)F42T12/HO lamps.

### 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 24 months from date of manufacture when properly installed and under normal conditions of use. Call **1-800-BALLASTx800** for technical assistance.

### Manufactured in North America



**Ballast must be grounded. Install in accordance with National Electric Code.**