

213-TC-P

Application and Performance Specifications

Description: Electromagnetic ballasts for (2) fluorescent lamps as indicated below:

- Line Voltage: 120 vac, + 5%, - 10%, 60Hz
- Instant Start
- Series Lamp Operation
- High Power Factor

Typical Performance Data								
Lamp		Input Current (Amps)	Input Power (Watts)	Power Factor	Ballast Factor	Ballast Efficacy Factor	T.H.D. %	Crest Factor
Type	#							
F48T12	2	0.79	95	>.90	.92	0.89	< 20	< 1.85
F48T12ES	2	0.72	80	>.90	.91	1.14	< 32	< 2.0
F42T12	2	0.74	86	>.90	.93	1.09	< 32	< 2.0
F40T12/IS	2	0.8	94	>.90	.92	0.98	< 20	< 1.85
F36T12	2	0.7	77	>.90	.95	1.24	> 32	< 1.85

Application and Performance Specification Information Subject to Change without Notification.

Performance:

- Complies with ANSI standard C82.1
- Compatible with PLC and IR systems
- Lead type circuit

Safety:

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

Application:

- Minimum Starting Temperature: 60° F, 15° C for *Energy Savings lamps*; 50° F, 10° C for *other lamps*
- Maximum Ballast Case Temperature not to exceed 90° C
- Sound Rated: B
- Remote Mounting: 20 feet with minimum 18 AWG
(refer to TechNote # 7b for other wire sizes/lengths)

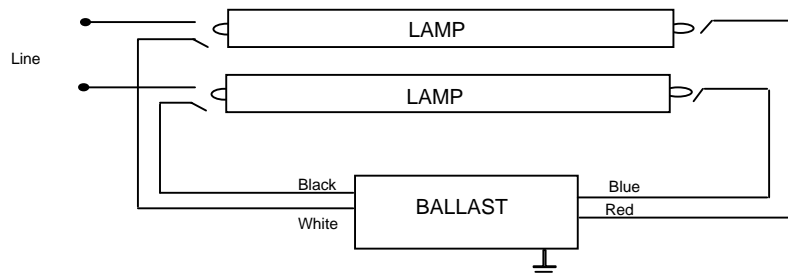
Mechanical:

- | | | |
|--------------------------------|--------------|----------|
| | Overall | Mounting |
| • Length: | 9 29/64" | 8 57/64" |
| • Width: | 3 3/32" | 1 11/16" |
| • Height: | 1 25/32" | |
| • Lead Length (inches, ± 1): | | |
| | White, Black | 41 |
| | Red, Blue | 23 |
| • Weight: | 5.8 lbs. | |

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.