

**446-LR-TC-P**

**Application and Performance Specifications**

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

- Line Voltage: 120 vac, + 5%, - 10%, 60Hz
- Series Lamp Operation
- Rapid Start
- 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	#							
<b>F40T12</b>	<b>2</b>	<b>0.77</b>	<b>91</b>	<b>&gt; .98</b>	<b>.93</b>	<b>1.02</b>	<b>&lt; 20</b>	<b>&lt; 1.7</b>
F40T12ES	2	0.66	75	> .90	.86	1.15	< 20	< 1.9
F40T12/U	2	0.77	91	> .98	.91	1.00	< 20	< 1.7
F40T10	2	0.78	93	> .98	.93	1.00	< 20	< 1.7

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 (34w) lamps; 50° F, 10° C for other lamps*
- Maximum Ballast Case Temperature not to exceed 90° C
- Sound Rated: A
- Remote Mounting: 20 feet with minimum 18 AWG  
( refer to TechNote # 7b for other wire sizes/lengths )
- For Export Only

**Mechanical:**

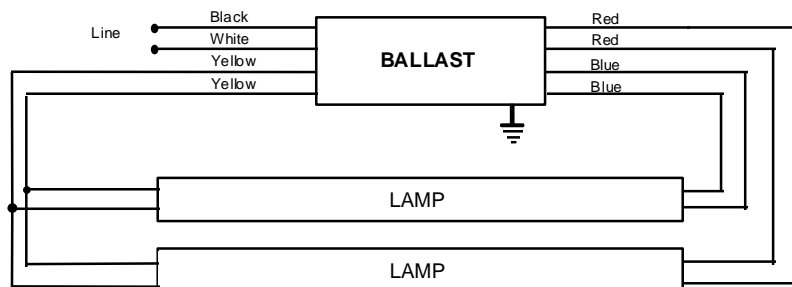
- Length:
- Width:
- Height:
- Lead Length ( inches, ± 1 ) :
  - White, Black 22
  - Red (2), Blue (2) 26
  - Yellow (2) 36
- Weight: 3.1 lbs.

Overall	Mounting
9 1/2"	8 57/64"
2 3/8"	1 11/16"
1 1/2"	

**Warranty:**

The manufacturer 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.

**Manufactured in North America**



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