

446-L-SLH-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 | # | | | | | | | |
| F40T12ES | 2 | 0.65 | 74 | > .90 | .90 | 1.22 | < 20 | < 1.9 |
| F40T12ES/U | 2 | 0.65 | 74 | > .90 | .90 | 1.22 | < 20 | < 1.9 |
| F40T12/U | 2 | 0.76 | 90 | > .98 | .93 | 1.03 | < 20 | < 1.7 |
| F40T12 | 2 | 0.75 | 89 | > .98 | .94 | 1.06 | < 20 | < 1.7 |
| F40T10 | 2 | 0.76 | 90 | > .98 | .95 | 1.06 | < 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
- Meets U.S. Public Law 100-357 for energy efficiency
- Meets CSA Standard 654 for energy efficiency
- 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)

Mechanical:

- | | | |
|--------------------------------|----------|----------|
| | Overall | Mounting |
| • Length: | 9 1/2" | 8 57/64" |
| • Width: | 2 3/8" | 1 11/16" |
| • Height: | 1 1/2" | |
| • Lead Length (inches, ± 1): | | |
| Black | 22 | |
| White | 22 | |
| Red (2), Blue (2) | 26 | |
| Yellow (2) | 36 | |
| • Weight: | 3.4 lbs. | |

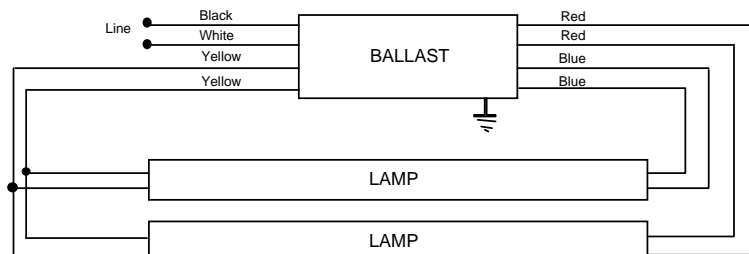
Footnotes:

* This ballast meets low-leakage current to ground requirements.

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 36 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.