

439-L-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	.51	56	> .90	.66	1.18	< 32	< 1.9
F40T12ES/U	2	.51	56	> .90	.66	1.18	< 32	< 1.9
WORKLITE 25	2	.57	66	> .90	1.08	1.64	< 32	< 1.7
F48"/25W/UTSL	2	.59	68	> .90	1.11	1.63	< 32	< 1.7
F40T12CWX	2	.60	68	> .90	.72	1.06	< 32	< 1.7
F40T12	2	.55	66	> .98	.70	1.06	< 32	< 1.7
F40T12/U	2	.55	66	> .98	.70	1.06	< 32	< 1.7

Application and Performance Specification Information Subject to Change without Notification.

Performance:

- Designed in accordance with ANSI 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:

- Length:
- Width:
- Height:
- Lead Length (inches, ± 1):
- Weight:

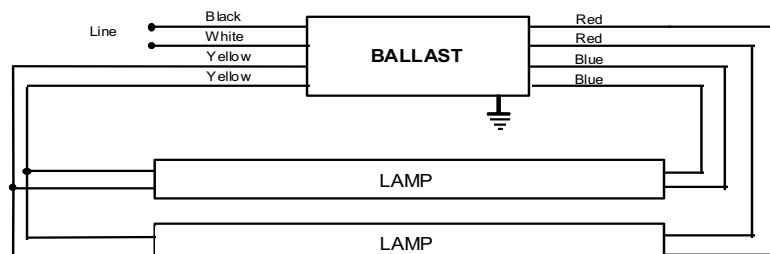
Overall Mounting

9 1/2"	8 57/64"
2 3/8"	1 11/16"
1 1/2"	
White, Black	22
Red (2), Blue (2)	26
Yellow (2)	36
3.4 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 36 months from date of manufacture when properly installed and under normal conditions of use.

Energy Engineered™ and Manufactured in North America



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