

DESCRIPTION

1-2 Lamps | T8HO or T12HO | 4'-16' Combined Lamp Length | Series Wiring



STARTING METHOD: Rapid Start | **INPUT VOLTAGE:** 120VAC ±10% | **LAMP CONNECTION:** Series | **INPUT FREQUENCY:** 60 Hz

PRODUCT FEATURES

- Sound Rated: A
- Minimum Starting Temperature: -20°F, -30°C
- Maximum Case Temperature: 194°F, 90°C
- Meets FCC Part 18 (Class A) Non-Consumer Limits
- UL, cUL 935 Listed, Class P, Type 2 Outdoor, Type HL
- Open Circuit Voltage: 1000V

ELECTRICAL SPECIFICATIONS FOR COMMON CONFIGURATIONS*

Lamp Type	No. of Lamps	Input Volts	Input Watts	Input Current (Amps)	Power Factor	Crest Factor
F96T12/HO, 110W	2	120	186	1.60	>0.90	<1.70
F96T12/HO, 110W	1	120	101	0.85	>0.90	<1.70
F120T12/HO, 135W	1	120	128	1.10	>0.90	<1.70
F48T12/HO, 60W	2	120	107	0.99	>0.90	<1.70
F96T8/HO, 86W	1	120	122	1.05	>0.90	<1.70
F72T8/HO, 65W	2	120	167	1.45	>0.90	<1.70
F48T8/HO, 44W	2	120	113	0.99	>0.90	<1.70

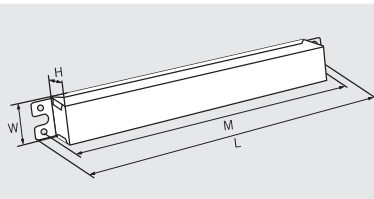
*Consult factory for additional sign configurations.

LAMP FOOTAGE

Lamp Type	Minimum	Maximum
T12HO	4'	16'
T8HO	4'	12'

MECHANICAL SPECIFICATIONS

CASE DIMENSIONS



LENGTH	11.77"
WIDTH	2.15"
HEIGHT	1.62"
MOUNTING	11.21"
CASE STYLE	L28

STANDARD LEAD LENGTHS*

WHITE	18"
BLACK	18"
RED	60"
BLUE	60"
YELLOW	60"

Lead wires are 18 AWG
105°C/600V, solid copper.

*Consult Keystone for special lead length requirements.

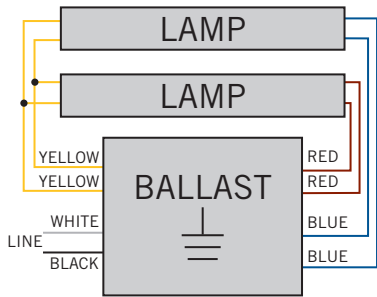
CASE MATERIAL: Metal

FOR INSTALLATION PURPOSES

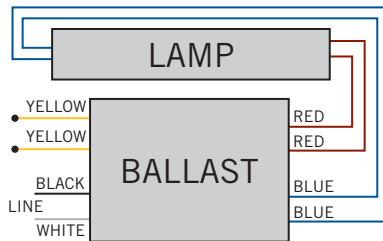
Ballast can drive 1 or 2 T12HO lamps in any combination from 4'-16'.

Ballast can drive 1 or 2 T8HO lamps in any combination from 4'-12'.

WIRING DIAGRAMS

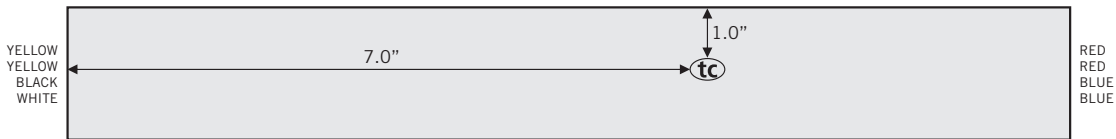


Two Lamp Application



One Lamp Application, Cap Off Unused Leads Individually

HOT SPOT LOCATION



Actual tc point is noted on each ballast label.

ORDERING INFORMATION

ORDER CODE	PACKAGING STYLE	PACK QTY.	ITEM STATUS
KTSB-E-0416-12-1-S-IP	Individually Packaged	1	Quick Ship

CATALOG NUMBER BREAKDOWN

KTSB-E-0416-12-1-S-IP



*Minimum and maximum total lamp length based on T12HO lamps.