



# KTEB-142T-1-TP-SC

## COMPACT FLUORESCENT ELECTRONIC BALLAST



### DESCRIPTION

1 x 42W CFL | 120V Input | Normal Power Factor | Rapid Start

<b>STARTING METHOD:</b> Rapid Start
<b>LAMP CONNECTION:</b> N/A
<b>INPUT VOLTAGE:</b> 120Vac ±10%
<b>INPUT FREQUENCY:</b> 50/60 Hz
<b>POWER FACTOR:</b> Normal
<b>WARRANTY:</b> 3 Years

### PRODUCT FEATURES

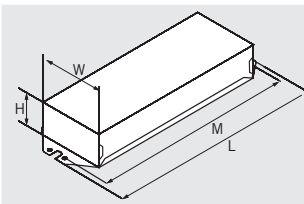
- Sound Rated: A
- Minimum Starting Temperature: 0°F, -18°C
- Maximum Case Temperature: 194°F, 90°C
- Meets FCC Part 18 (Class B) Consumer Limits
- Meets ANSI/IEEE C62.41 Category A
- UL, cUL 935 Listed
- Lamp End-of-Life Protected

### ELECTRICAL SPECIFICATIONS

LAMP TYPE	NO. OF LAMPS	INPUT VOLTS	INPUT WATTS	INPUT CURRENT (AMPS)	POWER FACTOR	CREST FACTOR	BALLAST FACTOR	BALLAST EFFICACY FACTOR	MAX THD%
CFTR42W/GX24q	1	120	42.5	0.61	>0.50	<1.70	0.88	2.07	150
CFTR32W/GX24q	1	120	36.0	0.53	>0.50	<1.70	1.00	2.78	150
CFTR26W/GX24q CFQ26W/G24q	1	120	30.0	0.45	>0.50	<1.70	1.10	3.67	150
FT40W/2G11	1	120	38.5	0.55	>0.50	<1.70	0.88	2.29	150
F40T8	1	120	38.0	0.55	>0.50	<1.70	0.90	2.37	150

### PHYSICAL SPECIFICATIONS

#### CASE DIMENSIONS



<b>LENGTH</b>	4.00"
<b>WIDTH</b>	1.87"
<b>HEIGHT</b>	1.18"
<b>MOUNTING</b>	3.60"
<b>CASE STYLE</b>	L8

#### STANDARD LEAD LENGTHS\*

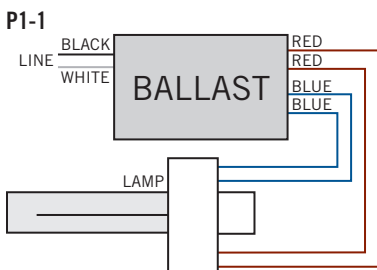
<b>WHITE</b>	12"
<b>BLACK</b>	12"
<b>BLUE</b>	12"
<b>RED</b>	12"

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

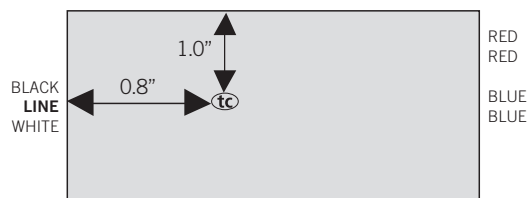
**CASE MATERIAL:** Metal

\*Consult Keystone for special lead length requirements.

### WIRING DIAGRAM



### HOT SPOT LOCATION



Actual tc point is noted on each ballast label.



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## COMPACT FLUORESCENT ELECTRONIC BALLAST

### ORDERING INFORMATION

ORDER CODE	PACKAGING STYLE	PACK QTY.	ITEM STATUS
KTEB-142T-1-TP-SC /HB-CP	Carton Pack	50	Active

### CATALOG NUMBER BREAKDOWN

**KTEB-142T-1-TP-SC /HB-CP**

Keystone Technologies Electronic Ballast
1 Lamp
Wattage
120V Input
Thermal Protection
Slim Case
Manufacturing Revision
Packaging Style