



### PRODUCT FEATURES

|                                  |                                             |                           |
|----------------------------------|---------------------------------------------|---------------------------|
| <b>STARTING METHOD:</b> Program  | <b>INPUT VOLTAGE:</b> 120-277VAC $\pm 10\%$ | <b>WARRANTY:</b> 5 Years  |
| <b>LAMP CONNECTION:</b> Parallel | <b>INPUT FREQUENCY:</b> 50/60 Hz            | <b>POWER FACTOR:</b> High |

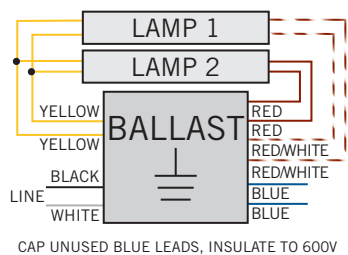
- Sound Rated: A
- Minimum Starting Temperature: 0°F, -18°C
- Maximum Case Temperature: 167°F, 75°C
- Meets FCC Part 18 (Class A) Non-Consumer Limits
- Transient Protection Meets ANSI/IEEE C62.41 Cat. A
- Ballast frequency for all listed lamps: > 40kHz

### ELECTRICAL SPECIFICATIONS

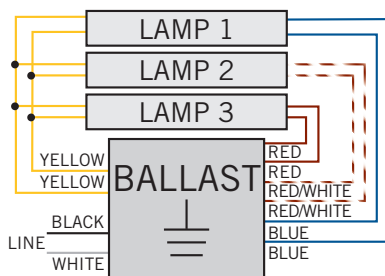
| LAMP TYPE | NO. OF LAMPS | INPUT VOLTS | INPUT WATTS | INPUT CURRENT (AMPS) | POWER FACTOR | CREST FACTOR | BALLAST FACTOR | BALLAST EFFICACY FACTOR | MAX THD% | WIRING DIAGRAM |
|-----------|--------------|-------------|-------------|----------------------|--------------|--------------|----------------|-------------------------|----------|----------------|
| F32T8 32W | 3            | 120         | 88.0        | 0.73                 | 0.99         | <1.70        | 0.88           | 1.00                    | 10       | F3-9           |
|           |              | 277         | 88.0        | 0.32                 | 0.98         | <1.70        | 0.88           | 1.00                    | 10       | F3-9           |
|           | 2            | 120         | 68.0        | 0.57                 | 0.99         | <1.70        | 0.98           | 1.44                    | 10       | F2-16          |
|           |              | 277         | 69.0        | 0.25                 | 0.98         | <1.70        | 0.98           | 1.42                    | 10       | F2-16          |
| F32T8 30W | 3            | 120         | 81.0        | 0.68                 | 0.99         | <1.70        | 0.88           | 1.09                    | 10       | F3-9           |
|           |              | 277         | 82.0        | 0.30                 | 0.98         | <1.70        | 0.88           | 1.07                    | 10       | F3-9           |
|           | 2            | 120         | 62.0        | 0.52                 | 0.99         | <1.70        | 0.95           | 1.53                    | 10       | F2-16          |
|           |              | 277         | 63.0        | 0.23                 | 0.97         | <1.70        | 0.95           | 1.51                    | 10       | F2-16          |
| F32T8 28W | 3            | 120         | 78.0        | 0.65                 | 0.99         | <1.70        | 0.88           | 1.13                    | 10       | F3-9           |
|           |              | 277         | 79.0        | 0.29                 | 0.98         | <1.70        | 0.88           | 1.11                    | 10       | F3-9           |
|           | 2            | 120         | 61.0        | 0.52                 | 0.99         | <1.70        | 1.00           | 1.64                    | 10       | F2-16          |
|           |              | 277         | 61.0        | 0.23                 | 0.97         | <1.70        | 1.00           | 1.64                    | 10       | F2-16          |
| F32T8 25W | 3            | 120         | 72.0        | 0.60                 | 0.99         | <1.70        | 0.90           | 1.25                    | 10       | F3-9           |
|           |              | 277         | 73.0        | 0.27                 | 0.98         | <1.70        | 0.90           | 1.23                    | 10       | F3-9           |
|           | 2            | 120         | 55.0        | 0.46                 | 0.99         | <1.70        | 0.97           | 1.77                    | 10       | F2-16          |
|           |              | 277         | 56.0        | 0.21                 | 0.98         | <1.70        | 0.98           | 1.75                    | 10       | F2-16          |
| F25T8 25W | 3            | 120         | 68.0        | 0.58                 | 0.99         | <1.70        | 0.88           | 1.29                    | 10       | F3-9           |
|           |              | 277         | 69.0        | 0.26                 | 0.98         | <1.70        | 0.88           | 1.28                    | 10       | F3-9           |
|           | 2            | 120         | 53.0        | 0.44                 | 0.98         | <1.70        | 0.95           | 1.79                    | 10       | F2-16          |
|           |              | 277         | 54.0        | 0.20                 | 0.97         | <1.70        | 0.95           | 1.76                    | 10       | F2-16          |
| F17T8 17W | 3            | 120         | 50.0        | 0.42                 | 0.98         | <1.70        | 0.90           | 1.80                    | 10       | F3-9           |
|           |              | 277         | 51.0        | 0.19                 | 0.97         | <1.70        | 0.90           | 1.77                    | 10       | F3-9           |
|           | 2            | 120         | 40.0        | 0.33                 | 0.98         | <1.70        | 0.98           | 2.45                    | 10       | F2-16          |
|           |              | 277         | 41.0        | 0.15                 | 0.95         | <1.70        | 0.98           | 2.39                    | 12       | F2-16          |
| F40T8 40W | 2            | 120         | 80.0        | 0.67                 | 0.99         | <1.70        | 0.95           | 1.19                    | 10       | F2-16          |
|           |              | 277         | 81.0        | 0.30                 | 0.98         | <1.70        | 0.95           | 1.17                    | 10       | F2-16          |
| PLL 25W   | 3            | 120         | 75.0        | 0.62                 | 0.99         | <1.70        | 0.88           | 1.17                    | 10       | P3-2           |
|           |              | 277         | 75.0        | 0.27                 | 0.98         | <1.70        | 0.89           | 1.19                    | 10       | P3-2           |
|           | 2            | 120         | 57.0        | 0.48                 | 0.99         | <1.70        | 0.94           | 1.65                    | 10       | P3-2           |
|           |              | 277         | 58.0        | 0.22                 | 0.97         | <1.70        | 0.95           | 1.64                    | 12       | P3-2           |
| PLL 28W   | 3            | 120         | 89.0        | 0.75                 | 0.99         | <1.70        | 0.93           | 1.04                    | 10       | P3-2           |
|           |              | 277         | 89.0        | 0.32                 | 0.98         | <1.70        | 0.94           | 1.06                    | 10       | P3-2           |
|           | 2            | 120         | 69.0        | 0.58                 | 0.99         | <1.70        | 1.06           | 1.54                    | 10       | P3-2           |
|           |              | 277         | 70.0        | 0.25                 | 0.98         | <1.70        | 1.06           | 1.51                    | 10       | P3-2           |
| PLL 40W   | 2            | 120         | 71.0        | 0.59                 | 0.99         | <1.70        | 0.76           | 1.07                    | 10       | P3-2           |
|           |              | 277         | 71.0        | 0.26                 | 0.98         | <1.70        | 0.76           | 1.07                    | 10       | P3-2           |

## WIRING DIAGRAMS

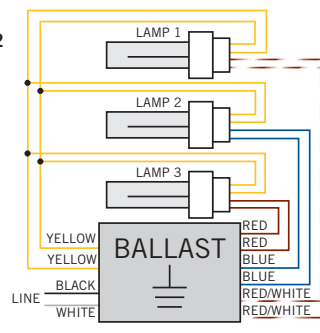
F2-16



F3-9

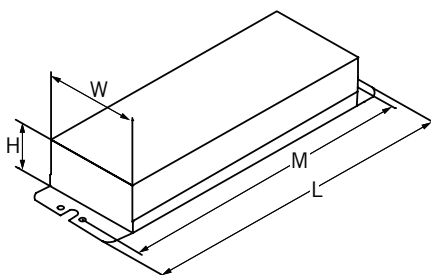


P3-2



Program Start T8 ballasts require the use of NON-shunted lampholders/sockets.

## CASE STYLE/DIMENSIONS



### CASE DIMENSIONS

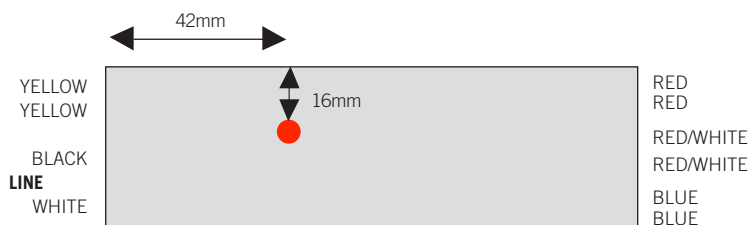
|                       |
|-----------------------|
| LENGTH: 9.50"         |
| WIDTH: 1.70"          |
| HEIGHT: 1.15"         |
| MOUNTING: 8.90"       |
| UNIT WEIGHT: 1.50 lbs |

### STANDARD LEAD LENGTHS\*

|                            |
|----------------------------|
| BLACK: 25.00"              |
| WHITE: 25.00"              |
| BLUE: 32.00" X 32.00"      |
| RED: 32.00" X 32.00"       |
| RED/WHITE: 32.00" X 32.00" |
| YELLOW: 48.00" X 48.00"    |

\*Consult Keystone for special lead length requirements.

## HOT SPOT LOCATION



## ORDERING INFORMATION

| ORDER CODE            | PACKAGING STYLE | PACK QTY. | ITEM STATUS |
|-----------------------|-----------------|-----------|-------------|
| KTEB-332-UV-PS-N-P-CP | Carton          | 30        | Quick Ship  |

## CATALOG NUMBER BREAKDOWN

# KTEB-332-UV-PS-N-P

|                                             |            |             |                                          |                  |                           |                 |
|---------------------------------------------|------------|-------------|------------------------------------------|------------------|---------------------------|-----------------|
| Keystone Technologies<br>Electronic Ballast | 3<br>Lamps | 32<br>Watts | Universal<br>Voltage Input<br>(120-277V) | Program<br>Start | Normal<br>Light<br>Output | NEMA<br>Premium |
|---------------------------------------------|------------|-------------|------------------------------------------|------------------|---------------------------|-----------------|