

## DESCRIPTION

2-4 Lamps | T8HO or T12HO | 12'-32' Combined Lamp Length | Series Wiring

**STARTING METHOD:** Programmed Rapid Start

**INPUT VOLTAGE:** 120-277VAC ±10%

**LAMP CONNECTION:** Series

**INPUT FREQUENCY:** 60Hz

## PRODUCT FEATURES

- Sound Rated: A
- Minimum Starting Temperature: -20°F, -29°C
- Maximum Case Temperature: 176°F, 80°C
- Meets FCC Part 18 (Class A) Non-Consumer Limits
- UL, cUL 935 Listed, Class P, Type 2 Outdoor, Type HL

## ELECTRICAL SPECIFICATIONS

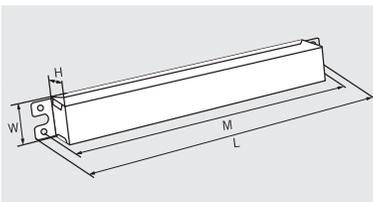
Lamps		Lamp Footage		Input Voltage	Max Input Watts	Nominal Line Amps	Power Factor	Harmonic Total	Crest Factor
Type	Number of Lamps	Min.	Max.						
T12HO	4,3,2	12	32	120	282	2.35	> 0.90	< 10	< 1.7
		12	32	277	275	0.99	> 0.90	< 10	< 1.7
T8HO	4,3,2	12	24	120	256	2.13	> 0.90	< 10	< 1.7
		12	24	277	252	0.90	> 0.90	< 10	< 1.7

## LAMP FOOTAGE

Lamp Type	Minimum	Maximum
T12HO	12'	32'
T8HO	12'	24'

## MECHANICAL SPECIFICATIONS

### CASE DIMENSIONS



<b>LENGTH</b>	14.3"
<b>WIDTH</b>	3.15"
<b>HEIGHT</b>	1.18"
<b>MOUNTING</b>	13.75"
<b>CASE STYLE</b>	L29

### STANDARD LEAD LENGTHS\*

<b>WHITE</b>	25"
<b>BLACK</b>	25"
<b>BLUE</b>	72"
<b>RED</b>	72"
<b>YELLOW</b>	72"
<b>BROWN</b>	72"
<b>BLUE/WHITE</b>	72"

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

**CASE MATERIAL:** Metal

\*Consult Keystone for special lead length requirements.

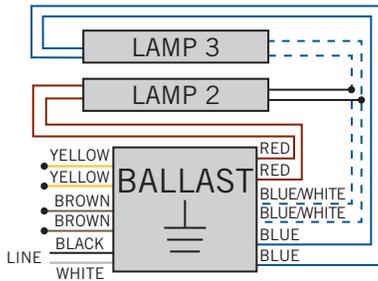
**FOR INSTALLATION PURPOSES**

Ballast consists of two lamp circuits - Circuit A and Circuit B. Circuit A consists of lamps 1, 2 and Circuit B consists of lamps 3, 4.

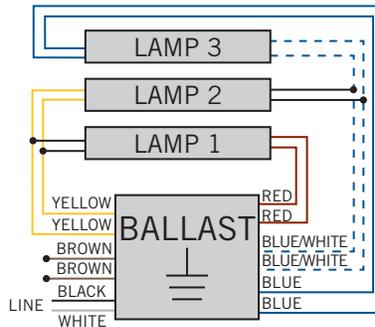
- Each lamp circuit can drive 1 or 2 T12HO lamps in any combination from 6'-16'.
- Each lamp circuit can drive 1 or 2 T8HO lamps in any combination from 6'-12'.

Each lamp circuit should be balanced with equal lamp load (footage).

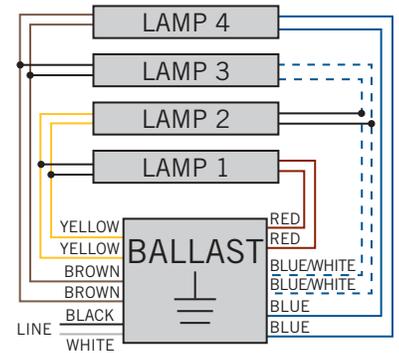
**WIRING DIAGRAMS**



Two Lamp Application, Cap Off  
Unused Leads Individually,  
Insulate to 600V



Three Lamp Application, Cap Off  
Unused Leads Individually,  
Insulate to 600V



Four Lamp Application

**ORDERING INFORMATION**

ORDER CODE	PACKAGING STYLE	PACK QTY.	ITEM STATUS
KTSE-E-1232-24-UV-S-IP	Individually Packaged	1	Quick Ship

**CATALOG NUMBER BREAKDOWN**

**KTSE-E-1232-24-UV-S-IP**



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