



# EXTERNAL DRIVE LED

## TYPE C LED TUBES

### KTLD-2LT8-UV-10C-VDIM

#### CONSTANT CURRENT LED DRIVER FOR TYPE C T8 LAMPS

#### DESCRIPTION

Constant Current Output | 120–277V Input | 0–10V Dimming



|                                                  |
|--------------------------------------------------|
| <b>DRIVER TYPE:</b> Constant Current             |
| <b>MAX. OUTPUT POWER:</b> 24.3W                  |
| <b>INPUT VOLTAGE:</b> 120–277Vac $\pm$ 10%       |
| <b>OUTPUT VOLTAGE:</b> 36–45 Vdc                 |
| <b>OUTPUT CURRENT:</b> 260mA $\times$ 2 channels |
| <b>WARRANTY:</b> 5 Years                         |



#### PRODUCT FEATURES

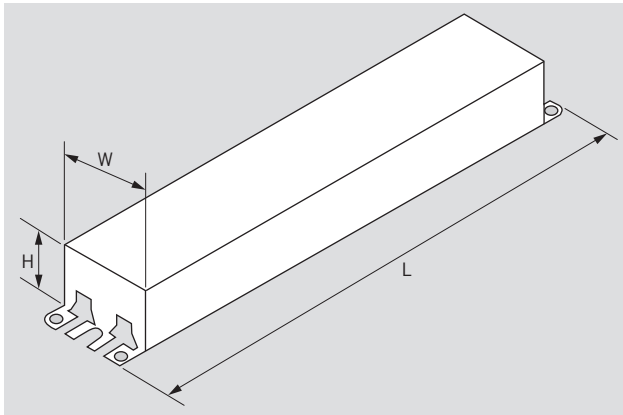
- Compatible with Keystone external drive T8 LED lamps
- Meets FCC Part 15 (Class B) consumer limits
- Short circuit overload and open load protection
- Type 1 outdoor, suitable for dry and damp locations
- UL8750 Recognized component
- Dimmable with 0–10V dimmer, dim maximum 10%
- Operating temperature:  $-20^{\circ}\text{C}/-4^{\circ}\text{F}$  to  $45^{\circ}\text{C}/113^{\circ}\text{F}$
- $85^{\circ}\text{C}/185^{\circ}\text{F}$  maximum case temperature
- Input frequency: 50/60 Hz
- THD: < 20%

#### ELECTRICAL SPECIFICATIONS

| INPUT CHARACTERISTICS |             |              |              | OUTPUT CHARACTERISTICS |                           |                | FEATURES   |
|-----------------------|-------------|--------------|--------------|------------------------|---------------------------|----------------|------------|
| Input Voltage         | Input Power | Power Factor | Max. Current | Max. Output Power      | Rated Output Current      | Output Voltage | Efficiency |
| 120–277Vac            | 28.8W       | >0.9         | 0.24A @ 120V | 24.3W                  | 260mA $\times$ 2 Channels | 36–45Vdc       | 88%        |

#### MECHANICAL SPECIFICATIONS

##### CASE DIMENSIONS



|                   |       |
|-------------------|-------|
| <b>LENGTH (L)</b> | 9.50" |
| <b>WIDTH (W)</b>  | 1.33" |
| <b>HEIGHT (H)</b> | 1.10" |

\*TC Point ( $85^{\circ}\text{C}$ ) is noted on each driver label



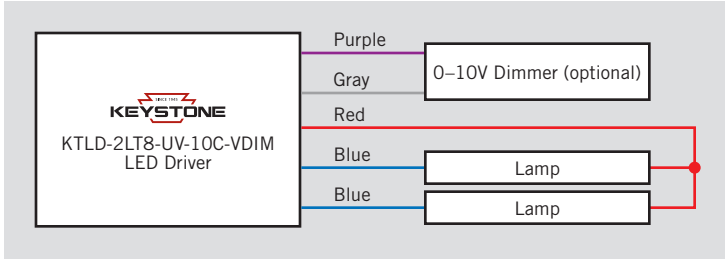
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### WIRING



### STANDARD LEAD LENGTHS\*

|         |        |        |
|---------|--------|--------|
| Input   | Black  | 30.00" |
|         | White  | 30.00" |
| Output  | Red    | 30.00" |
|         | Blue   | 30.00" |
| Dimming | Purple | 30.00" |
|         | Gray   | 30.00" |

Lead wires are 18 AWG 105° C/600V.

\*Consult Keystone for special lead length requirements.

### ORDERING INFORMATION

| Order Code               | Pack Quantity | Item Status |
|--------------------------|---------------|-------------|
| KTLD-2LT8-UV-10C-VDIM-CP | 25            | Active      |

### CATALOG NUMBER BREAKDOWN

## KTLD-2LT8-UV-10C-VDIM

1

2

3

4

5

6

- 1 Keystone Technologies LED Driver
- 2 Number of Lamps
- 3 Lamp Type
- 4 120–277V Input
- 5 Lamp Wattage
- 6 0–10V Dimming