SINCE 1945
KEYSTONE
LIGHT MADE EASY

# EXTERNAL DRIVE LED
TYPE C LED TUBES

# KTLD-2LT8-UV-12C-VDIM
## CONSTANT CURRENT LED DRIVER FOR TYPE C T8 LAMPS

## DESCRIPTION

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

c UL us | RoHS Compliant | 5 YEAR WARRANTY

- **DRIVER TYPE:** Constant Current
- **MAX. OUTPUT POWER:** 24.3W
- **INPUT VOLTAGE:** 120–277Vac ± 10%
- **OUTPUT VOLTAGE:** 36–45 Vdc
- **OUTPUT CURRENT:** 270mA × 2 channels
- **WARRANTY:** 5 Years




## PRODUCT FEATURES

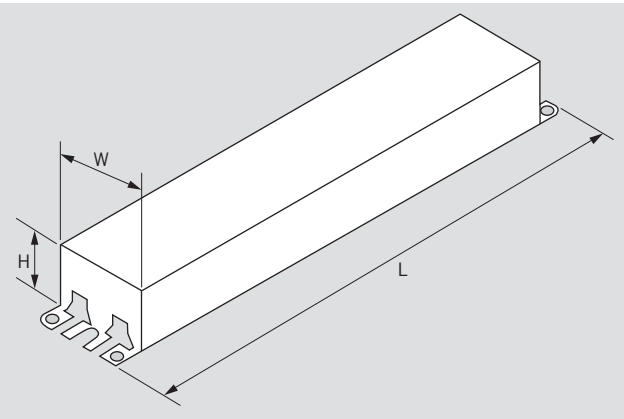
- Compatible with Keystone external drive T8 LED lamps
- Meets FCC Part 15 (Class B) consumer limits
- Short circuit overload and open load protection
- Type 1 outdoor, suitable for dry and damp locations
- UL8750 Recognized component
- Dimmable with 0–10V dimmer, dim maximum 10%
- Operating temperature: –20ºC/–4ºF to 45ºC/113ºF
- 85ºC/185ºF 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 | 270mA × 2 Channels | 36–45Vdc | 88% |

## MECHANICAL SPECIFICATIONS

### CASE DIMENSIONS




| | |
|---|---|
| LENGTH (L) | 9.50" |
| WIDTH (W) | 1.33" |
| HEIGHT (H) | 1.10" |

*TC Point (85ºC) is noted on each driver label

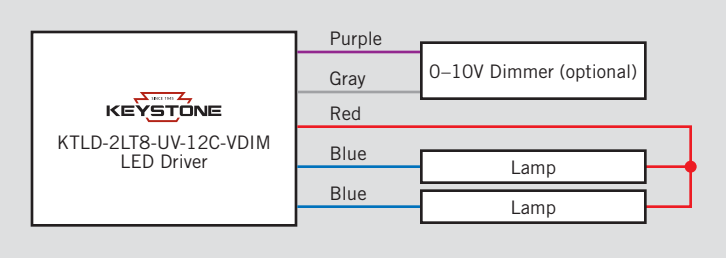
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## WIRING




### 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-12C-VDIM-CP | 25 | Active |

## CATALOG NUMBER BREAKDOWN

# KTLD-2LT8-UV-12C-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**