

## KTLD-2LT8-UV-10C-VDIM /G2

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

#### DESCRIPTION

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



**10 YEAR**  
LIMITED WARRANTY

|                                           |
|-------------------------------------------|
| <b>DRIVER TYPE:</b> Constant Current      |
| <b>MAX. OUTPUT POWER:</b> 24.3W           |
| <b>INPUT VOLTAGE:</b> 120-277Vac ±10%     |
| <b>OUTPUT VOLTAGE:</b> 36~45 Vdc          |
| <b>OUTPUT CURRENT:</b> 260mA x 2 channels |
| <b>WARRANTY:</b> 10 Years                 |



#### PRODUCT FEATURES

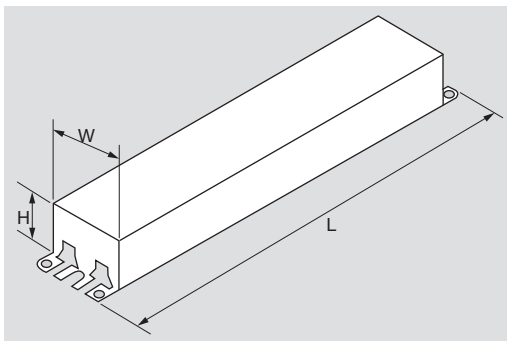
- Compatible with Keystone External Drive T8 LED Lamps
- Meets FCC Part 15 (Class B) consumer limits
- Short circuit overload and open load protection
- Type 1 outdoor, suitable for dry and damp locations
- UL8750 recognized component
- Dimmable with 0-10V dimmer, minimum dim 10%
- Operating temperature: -20°C/-4°F to 45°C/113°F
- 85°C/185°F maximum case temperature
- Input frequency: 50/60 Hz
- THD: < 20%
- 70,000 hour lifetime

#### 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 x 2 Channels   | 36-45Vdc       | 88%        |

#### MECHANICAL SPECIFICATIONS

##### CASE DIMENSIONS



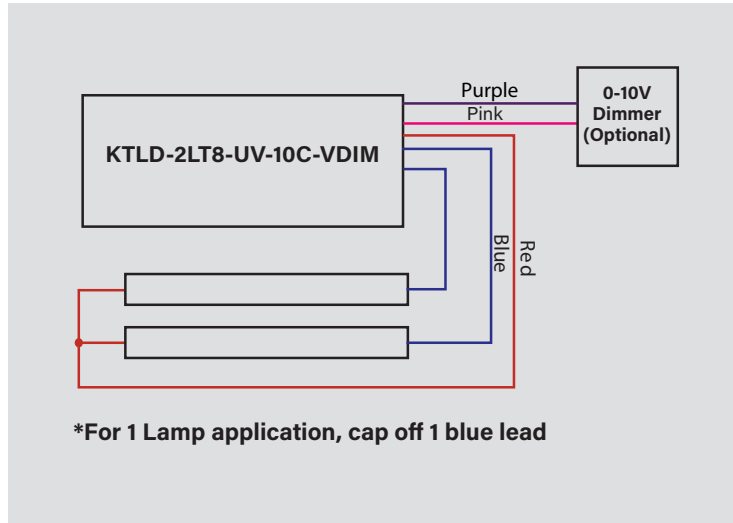
|                   |       |
|-------------------|-------|
| <b>LENGTH (L)</b> | 9.50" |
| <b>WIDTH (W)</b>  | 1.33" |
| <b>HEIGHT (H)</b> | 1.10" |

\*TC Point (85°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" |
|         | Pink   | 30.00" |

Lead wires are 18 AWG 105° C/600V.

\*Consult Keystone for special lead length requirements.

#### ORDERING INFORMATION

| ORDER CODE                   | PACKAGING STYLE | UPC          | EASY CODE |
|------------------------------|-----------------|--------------|-----------|
| KTLD-2LT8-UV-10C-VDIM-CP /G2 | Carton Pack     | 843654141053 | DLF-77    |

#### CATALOG NUMBER BREAKDOWN

# KTLD-2LT8-UV-10C-VDIM-CP /G2

1

2

3

4

5

6

7

8

- 1 Keystone Technologies LED Driver
- 2 # of Lamps
- 3 Lamp Type
- 4 120-277V Input
- 5 Lamp Wattage
- 6 0-10V Dimming
- 7 Packaging Style
- 8 Generation 2