SINCE 1945 KEYSTONE LIGHT MADE EASY

EXTERNAL DRIVE LED
TYPE C LED TUBES

KTLD-4LT8-UV-12C-VDIM
CONSTANT CURRENT LED DRIVER FOR TYPE C T8 LAMPS

c UL us | RoHS Compliant | 5 YEAR WARRANTY

DESCRIPTION

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

DRIVER TYPE: Constant Current
MAX. OUTPUT POWER: 48.6W
INPUT VOLTAGE: 120–277Vac ± 10%
OUTPUT VOLTAGE: 36–45 Vdc
OUTPUT CURRENT: 270mA × 4 channels
WARRANTY: 5 Years



PRODUCT FEATURES

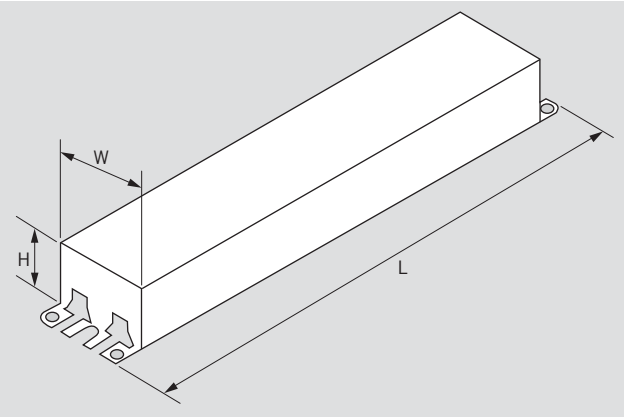
- Compatible with Keystone external drive T8 LED lamps
- Meets FCC Part 15 (Class B) consumer limits
- Short circuit overload and open load protection
- Type 1 outdoor, suitable for dry and damp locations
- UL8750 Recognized component
- Dimmable with 0–10V dimmer, dim maximum 10%
- Operating temperature: –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	57.6W	>0.9	0.48A @ 120V	48.6W	270mA × 4 Channels	36–45Vdc	88%

MECHANICAL SPECIFICATIONS

CASE DIMENSIONS



LENGTH (L)	9.50"
WIDTH (W)	1.80"
HEIGHT (H)	1.30"

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

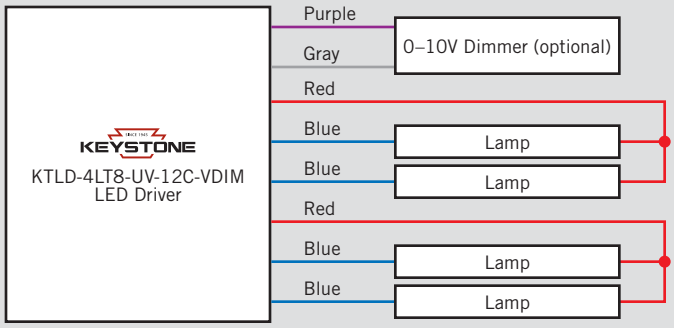
KEYSTONE SINCE 1945 LIGHT MADE EASY

EXTERNAL DRIVE LED
TYPE C LED TUBES

KTLD-4LT8-UV-12C-VDIM

CONSTANT CURRENT LED DRIVER FOR TYPE C T8 LAMPS

WIRING



* For 3 lamp application, cap off 1 blue lead

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-4LT8-UV-12C-VDIM-CP	25	Active

CATALOG NUMBER BREAKDOWN

KTLD-4LT8-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**