| | |
|---|---|
| Client: | |
| Order #: | |
| Project: | |
| Type: | |



## DESCRIPTION

The CORETECH Type C U-Bent series LED lamp provides various width solution for new and retrofit kit application with G13 base U-Bent fluorescent. The CCT switch allows 5-CCT selectable in the field. The Type C U-Bent LED lamp is compatible with Class 2 LED driver using various control abilities, it is suitable for damp location including walkways & pathways, corridors, general indoor lighting, residential, commercial and industrial areas.

## FEATURES

- Field selectable 3000K, 3500K, 4000K, 5000K 6500K color temperatures.
- Color rendering index > 80, R9 > 0.
- Operating Temperature: -20° to 130° F.
- FCC CFR 47, Part 15, Subpart B:2017.
- Utilizes G13 base.
- Dimmable using compatible driver.
- Frosted to Prevent Glare.
- Average life (L70) of 70,000 hours.

## PERFORMANCE DATA

**CRI**

80+

**CCT**

3000K, 3500K, 4000K, 5000K 6500K Selectable

**Projected Lifetime**

>70,000 Hours (L70)

**Dimming**

Dimmable with compatible driver

**Operating Temperature**

-20° to 130°F (-28° to 55°C) Ambient

**Warranty**

5 years Standard

## ORDERING INFORMATION

| LB | 48 | T8 | U6 | / | 8 | F | / | 13 | P | - | XT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SERIES | FLUORESCENT REPLACEMENT | DIAMETER | WIDTH | | CRI | CCT | | WATTAGE | MATERIAL | | FAMILY |

| LAMP SERIES | |
|---|---|
| LB | U-Bent LED Lamp |
| **FLUORESCENT REPLACEMENT** | |
| 48 | F32T8U6 |
| 31 | F31T8U |
| **DIAMETER** | |
| T8 | T8 - One Inch Diameter Tube |
| **WIDTH** | |
| U6 | 6 - inch |
| U | 1 5/8 - inch |

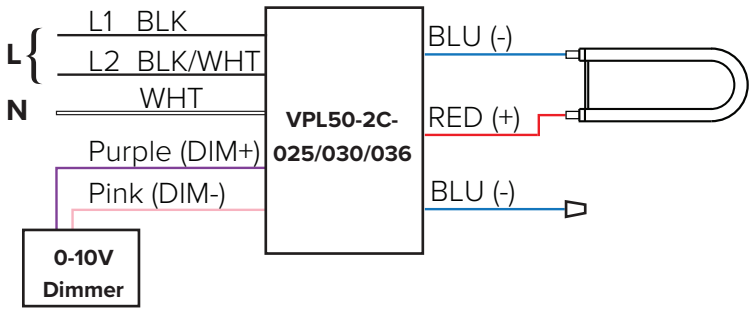
| CRI | |
|---|---|
| 8 | 80+ Color Rendering Index (CRI) |
| **CCT** | |
| F | Five CCT Selectable (3000K, 3500K, 4000K, 5000K, 6500K) |
| **WATTAGE** | |
| 13 | 13W Nominal Wattage |
| **MATERIAL** | |
| P | Plastic |
| **FAMILY** | |
| XT | External Driver |

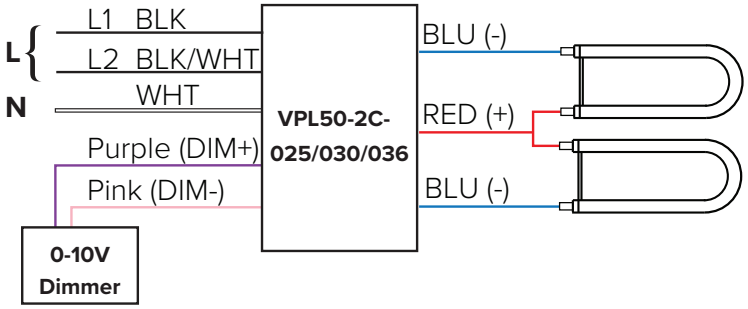
## SPECIFICATION DATA

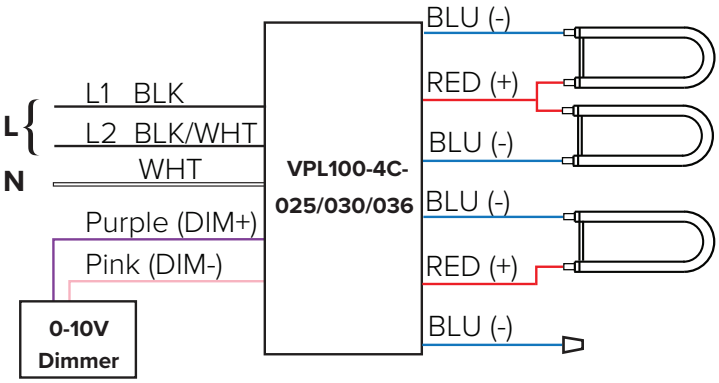
| MODEL NUMBER | LAMP VOLTAGE (V) | LOW MODE | | | | NORMAL MODE | | | | HIGH MODE | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CURRENT (mA) | POWER (W) | LUMENS (lm) | LAMP EFFICACY | CURRENT (mA) | POWER (W) | LUMENS (lm) | LAMP EFFICACY | CURRENT (mA) | POWER (W) | LUMENS (lm) | EFFICACY |
| LB48T8U6/8F/13P-XT | 43 | 250 | 10 | 1700 | 170LPW | 300 | 12.5 | 2000 | 160LPW | 360 | 15 | 2300 | 153LPW |
| LB31T8U/8F/13P-XT | 43 | 250 | 10 | 1700 | 170LPW | 300 | 12.5 | 2000 | 160LPW | 360 | 15 | 2300 | 153LPW |

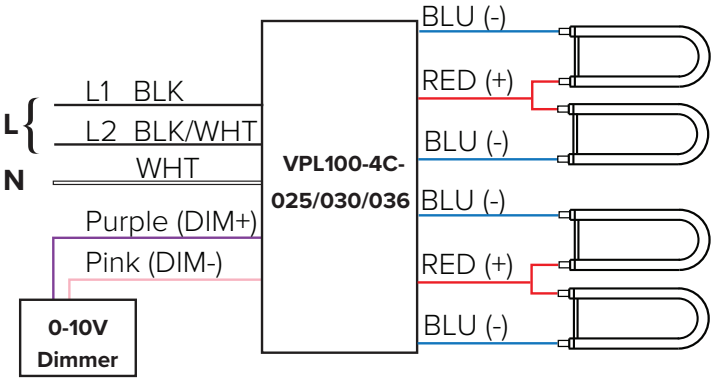
## WIRING DIAGRAM

*TYPE C U-Bent Lamp operated with ANY TWO PINS connected




*Dual-Relay Output Current Selection

| Input Line | Output Current |
|---|---|
| L2 (BLK/WHT) | 250mA |
| L1 (BLK) | 300mA |
| L1 + L2 | 360mA |

## DIMENSION

