



EXTERNAL DRIVE LED

TYPE C LED TUBES

KT-LED18T8-48G-9XX-E

T8 LED LAMP

DESCRIPTION

18W T8 LED Tube | Type C | 3500K and 5000K | >90 CRI | 0-10V Dimming



RoHS Compliant

5 YEAR WARRANTY

| |
|---|
| LAMP TYPE: Linear |
| BULB TYPE: T8 LED |
| BASE TYPE: G13 (Medium Bi-Pin) |
| DIMMING TYPE: 0-10V |
| WATTAGE: 18W |
| LAMP INPUT VOLTAGE: 36-45Vdc |
| COLOR TEMPERATURE: 3500K and 5000K |
| COLOR RENDERING INDEX (CRI): >90 |

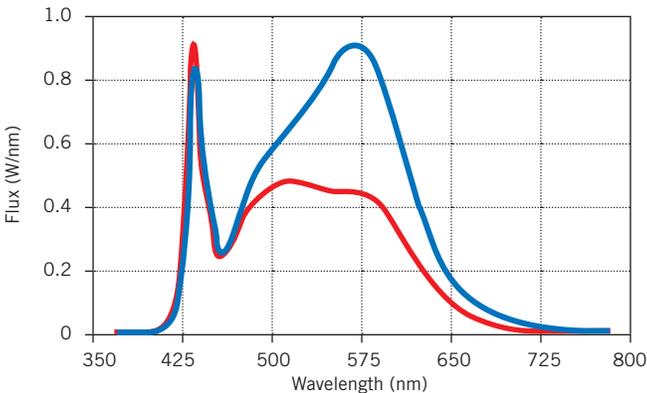
PRODUCT FEATURES

- Compatible with Keystone external drive LED drivers
- Replacement for conventional fluorescent lamps
- 50,000+ hour lifetime
- Type C application for custom installations and maximum efficiency
- Environmentally friendly: No mercury used
- Instant startup
- Frosted glass eliminates pixelation
- UL Classified (pending)
- Operating temperature: -20°C/-4°F to 45°C/113°F
- 120+ lumens per watt

OPERATING SPECIFICATIONS

| Catalog Number | Color Temp. | KLTD-2LT8-UV-18C-VDIM | | | | | | KLTD-4LT8-UV-18C-VDIM | | | | | | |
|----------------------|-------------|-----------------------|----------------|------------------|---------------------|----------------|------------------|-----------------------|----------------|------------------|---------------------|----------------|------------------|--------------|
| | | 1 Lamp | | | 2 Lamps | | | 3 Lamps | | | 4 Lamps | | | |
| | | Nominal Input Power | Nominal Lumens | Nominal Efficacy | Nominal Input Power | Nominal Lumens | Nominal Efficacy | Nominal Input Power | Nominal Lumens | Nominal Efficacy | Nominal Input Power | Nominal Lumens | Nominal Efficacy | Power Factor |
| KT-LED18T8-48G-935-E | 3500K | 18W | 2,250 | 125 lm/W | 36W | 4,500 | 125 lm/W | 54W | 6,750 | 125 lm/W | 72W | 9,000 | 125 lm/W | >0.9 |
| KT-LED18T8-48G-950-E | 5000K | 18W | 2,250 | 125 lm/W | 36W | 4,500 | 125 lm/W | 54W | 6,750 | 125 lm/W | 72W | 9,000 | 125 lm/W | >0.9 |

SPECTRAL DISTRIBUTION



RATED LIFE

| | |
|-------------|--------|
| L70 (Hours) | 50,000 |
|-------------|--------|

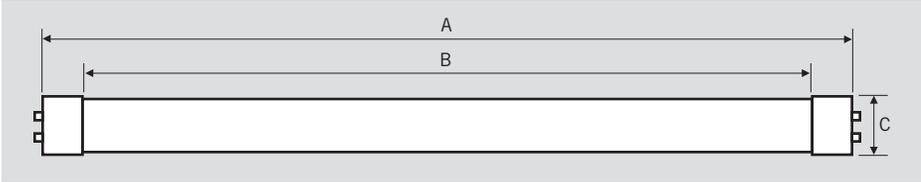
BEAM ANGLE: 240°

VISIBLE LIGHT AREA: 325°



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T8 LED LAMP

PHYSICAL CHARACTERISTICS

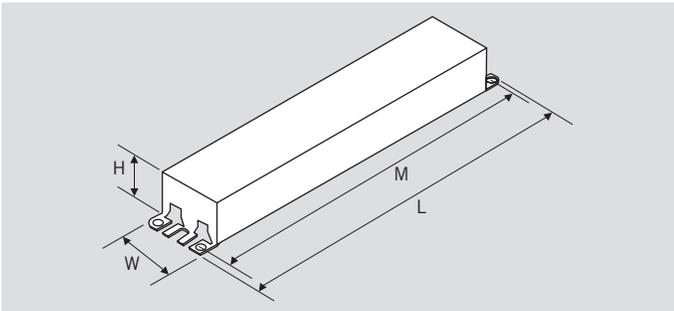


LAMP DIMENSIONS

| | |
|------------------------|--------|
| A (Body Length) | 47.19" |
| B (Illuminated Length) | 46.19" |
| C (Diameter) | 1.00" |

NOMINAL LENGTH: 48"

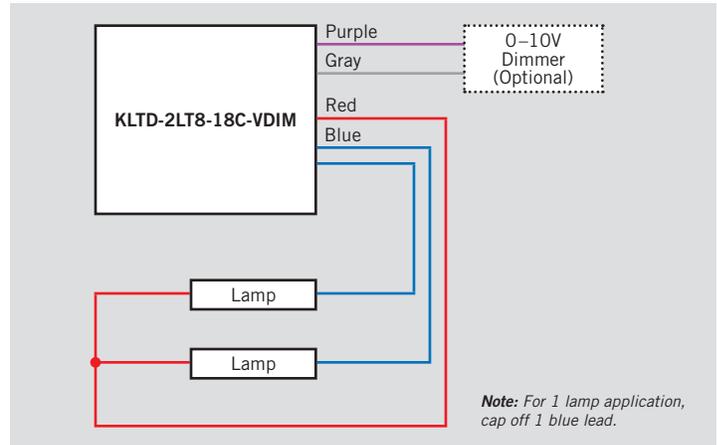
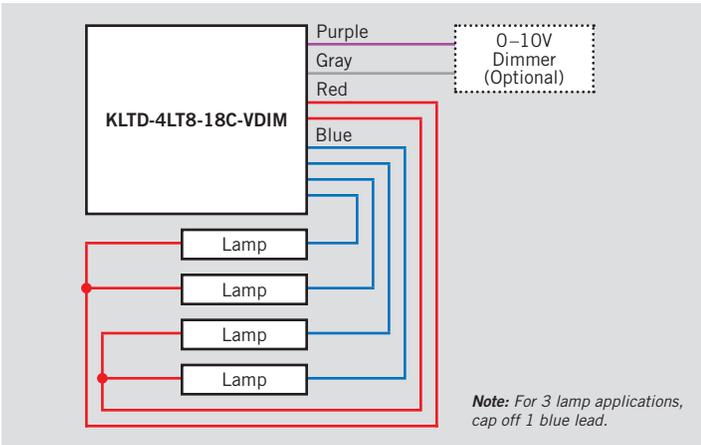
BASE TYPE: G13 (Medium Bi-Pin)



DRIVER DIMENSIONS

| KLTD-2LT8-18C-VDIM | | KLTD-4LT8-18C-VDIM | |
|--------------------|-------|--------------------|-------|
| Length (L) | 8.46" | Length (L) | 8.46" |
| Width (W) | 1.26" | Width (W) | 1.69" |
| Height (H) | 1.10" | Height (H) | 1.30" |

WIRING DIAGRAMS





KT-LED18T8-48G-9XX-E

T8 LED LAMP

ORDERING INFORMATION

| ORDER CODE | PACK QTY. | EASY CODE | UPC |
|----------------------|-----------|-----------|-----|
| KT-LED18T8-48G-9XX-E | 25 | TBD | TBD |

CATALOG NUMBER BREAKDOWN

KT-LED18T8-48G-9XX-E

1
2
3
4
5
6
7
8
9

- 1 Keystone Technologies
- 2 LED Lamp
- 3 Wattage
- 4 Lamp Type
- 5 Nominal Length (Inches)
- 6 Glass Construction
- 7 900 Series
- 8 Color Temperature
- 9 External Drive Series