KEYSTONE
SINCE 1945
LIGHT MADE EASY®

EXTERNAL DRIVE LED
TYPE C LED TUBES

KT-LED8T8-24G-8XX-E /G2
T8 LED TUBE

DESCRIPTION
8W T8 LED Tube | Type C | 3500K–5000K | >83 CRI | 0-10V Dimmable

Low Optical Flicker Less Than 2% Up to 400 Hz | CLASSIFIED cULus | DLC LISTED | RoHS Compliant | TRUSTED NB WARRANTY | 10 YEAR LIMITED WARRANTY

- **LAMP TYPE:** Linear
- **BULB TYPE:** T8 LED
- **BASE TYPE:** G13 (Medium Bi-Pin)
- **DIMMING TYPE:** 0-10V
- **WATTAGE:** 8W
- **LAMP INPUT VOLTAGE:** 36-45Vdc
- **COLOR TEMPERATURE:** 3500K–5000K
- **COLOR RENDERING INDEX (CRI):** >83

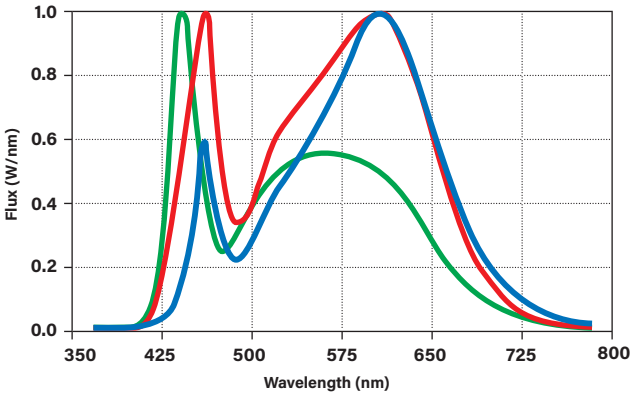


PRODUCT FEATURES
- Compatible with Keystone external drive LED drivers
- Replacement for conventional fluorescent lamps
- 70,000+ hour lifetime
- Type C application for custom installations and maximum efficiency
- Environmentally friendly: No mercury used
- Instant startup
- Frosted glass eliminates pixelation
- UL Classified (pending)
- Operating temperature: -20°C/-4°F to 45°C/113°F
- 120+ lumens per watt
- Low optical flicker

OPERATING SPECIFICATIONS

		KTLD-2LT8-UV-8C-VDIM /G2						KTLD-4LT8-UV-8C-VDIM /G2						
		1 Lamp			2 Lamps			3 Lamps			4 Lamps			
Catalog Number	Color Temp.	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-LED8T8-24G-835-E /G2	3500K	9W	1,125	125 lm/W	18W	2,250	125 lm/W	27W	3,375	125lm/W	36W	4,500	125 lm/W	>0.9
KT-LED8T8-24G-840-E /G2	4000K	9W	1,150	128 lm/W	18W	2,300	128lm/W	27W	3,450	128lm/W	36W	4,600	128 lm/W	>0.9
KT-LED8T8-24G-850-E /G2	5000K	9W	1,200	133 lm/W	18W	2,400	133 lm/W	27W	3,600	133lm/W	36W	4,800	133 lm/W	>0.9

SPECTRAL DISTRIBUTION (4000K SHOWN)



RATED LIFE

L70 (Hours)	70,000

BEAM ANGLE: 240°

VISIBLE LIGHT AREA: 325°

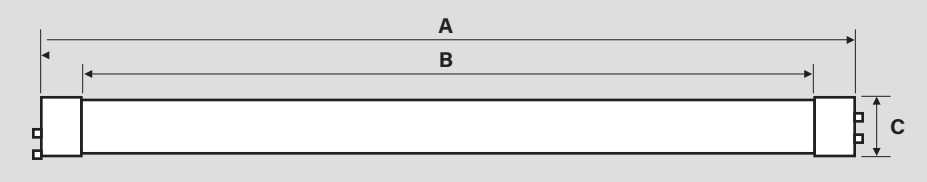
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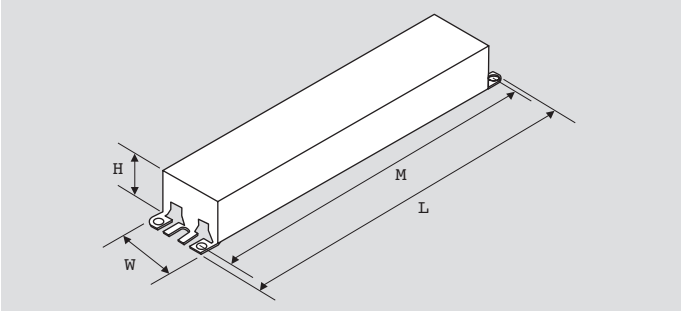
PHYSICAL CHARACTERISTICS



LAMP DIMENSIONS

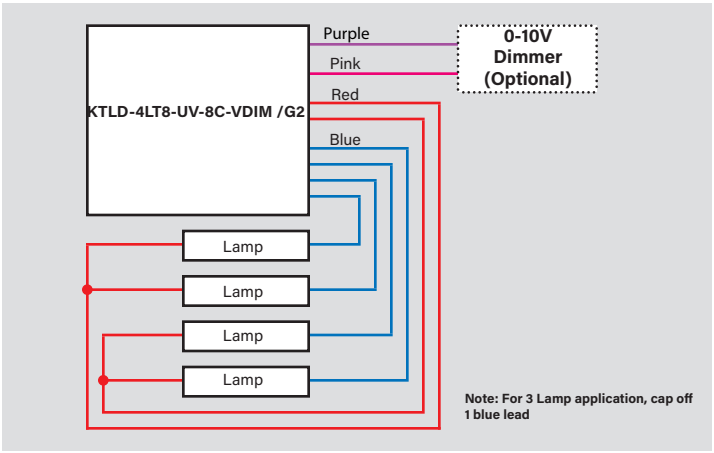
A (Body Length)	23.23″
B (Illuminated Length)	22.12″
C (Diameter)	1.00″

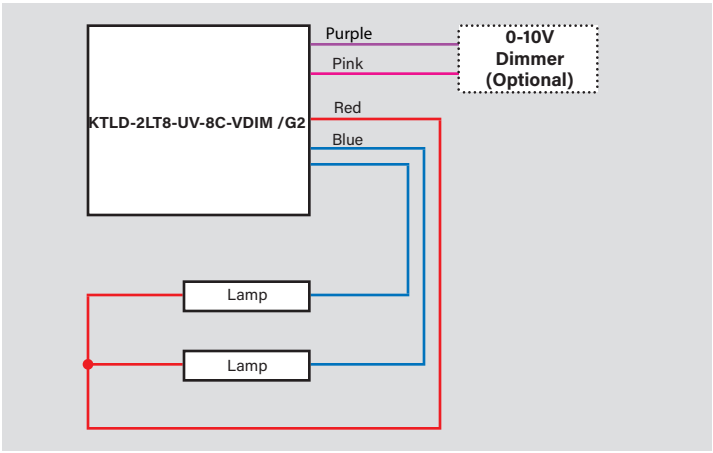
NOMINAL LENGTH: 48″
BASE TYPE: G13 (Medium Bi-Pin)



KTLD-4LT8-UV-8C-VDIM /G2		KTLD-2LT8-UV-8C-VDIM /G2	
Length (L)	9.50″	**Length (L)**	9.60″
Width (W)	1.30″	**Width (W)**	1.80″
Height (H)	1.10″	**Height (H)**	1.30″
Mounting (M)	8.90″	**Mounting (M)**	8.90″

WIRING DIAGRAMS





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ORDERING INFORMATION

Order Code	Pack Qty.	UPC	Easy Code	DLC PRODUCT ID
KT-LED8T8-24G-835-E /G2	25	843654140858	TEH-61	PEUVGB4G PL47EAXW
KT-LED8T8-24G-840-E /G2	25	843654140865	UKE-62	PMVCNYNY PK16JJJ6
KT-LED8T8-24G-850-E /G2	25	843654140872	LYE-03	PDPSQA4M PK8MFATA

CATALOG NUMBER BREAKDOWN

KT-LED8T8-24G-8XX-E /G2

1 2 3 4 5 6 7 8 9 10

1. Keystone Technologies
2. LED Lamp
3. Wattage
4. Lamp Type
5. Normal Length (Inches)
6. Material
7. 80 CRI
8. Color Temp
9. External Drive Series
10. Generation 2