

KT-LED12T8-48G-8XX-E

T8 LED LAMP

DESCRIPTION

12W T8 LED Tube | Type C | 3000–5000K | >83 CRI | 0–10V Dimming



LAMP TYPE: Linear
BULB TYPE: T8 LED
BASE TYPE: G13 (Medium Bi-Pin)
DIMMING TYPE: 0–10V
WATTAGE: 12W
LAMP INPUT VOLTAGE: 36–45Vdc
COLOR TEMPERATURE: 3000–5000K
COLOR RENDERING INDEX (CRI): >83



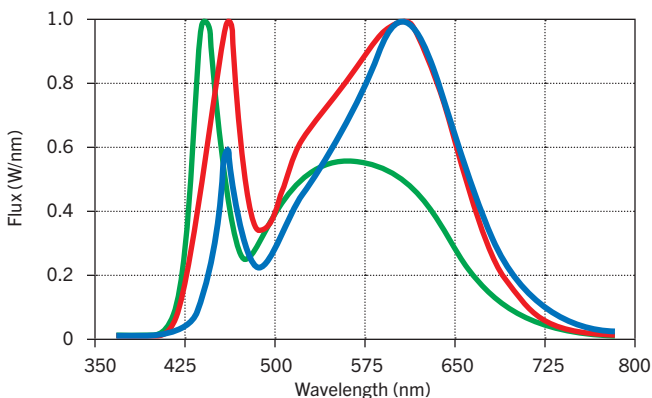
PRODUCT FEATURES

- 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
- DLC Listed

OPERATING SPECIFICATIONS

		KTLD-1LT8-UV-12C-VDIM												
		KTLD-2LT8-UV-12C-VDIM						KTLD-4LT8-UV-12C-VDIM						
Catalog Number	Color Temp.	1 Lamp			2 Lamps			3 Lamps			4 Lamps			Power Factor
		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	
KT-LED12T8-48G-830-E	3000K	13W	1,650	127 lm/W	26W	3,300	127 lm/W	39W	4,950	127 lm/W	52W	6,600	127 lm/W	>0.9
KT-LED12T8-48G-835-E	3500K	13W	1,700	131 lm/W	26W	3,400	131 lm/W	39W	5,100	131 lm/W	52W	6,800	131 lm/W	>0.9
KT-LED12T8-48G-840-E	4000K	13W	1,750	135 lm/W	26W	3,500	135 lm/W	39W	5,250	135 lm/W	52W	7,000	135 lm/W	>0.9
KT-LED12T8-48G-850-E	5000K	13W	1,800	139 lm/W	26W	3,600	139 lm/W	39W	5,400	139 lm/W	52W	7,200	139 lm/W	>0.9

SPECTRAL DISTRIBUTION



RATED LIFE

L70 (Hours) 50,000

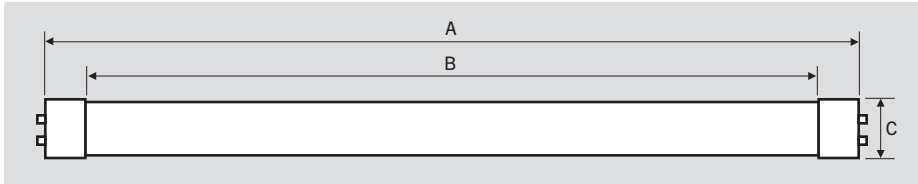
BEAM ANGLE: 240°

VISIBLE LIGHT AREA: 325°

KT-LED12T8-48G-8XX-E

T8 LED LAMP

PHYSICAL CHARACTERISTICS

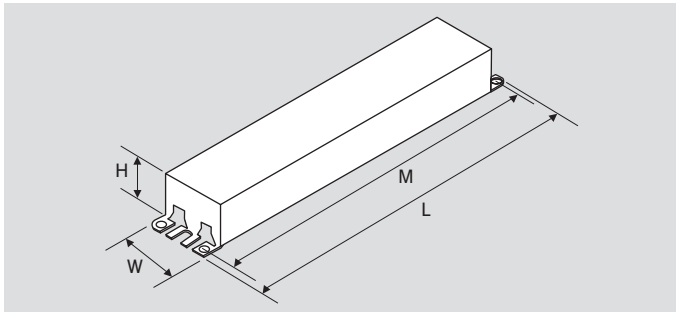


LAMP DIMENSIONS

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

NOMINAL LENGTH: 48"

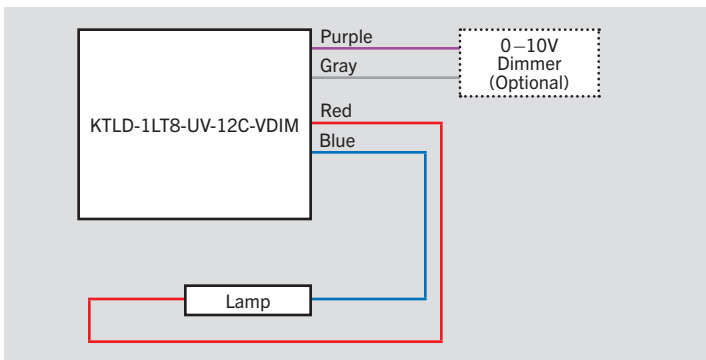
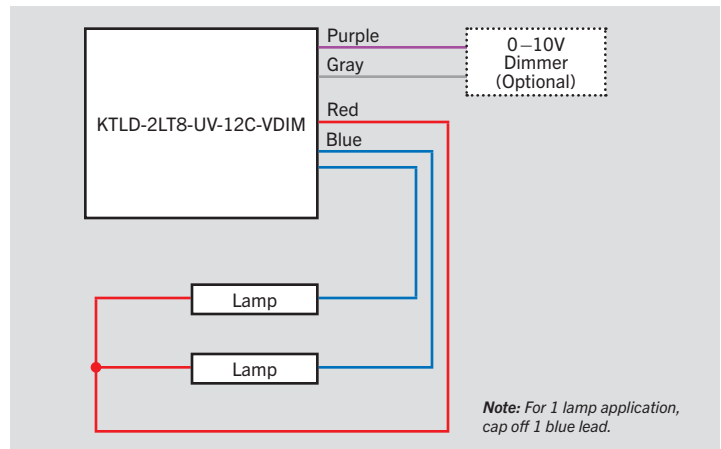
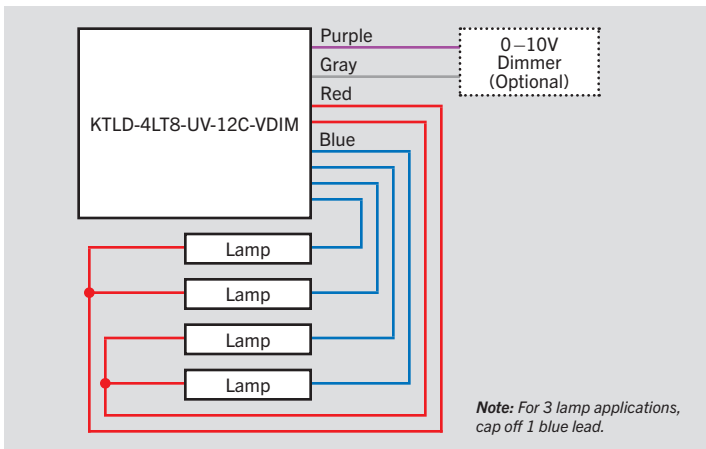
BASE TYPE: G13 (Medium Bi-Pin)



DRIVER DIMENSIONS

KTLD-1LT8-UV-12C-VDIM		KTLD-2LT8-UV-12C-VDIM		KTLD-4LT8-UV-12C-VDIM	
Length (L)	9.50"	Length (L)	9.50"	Length (L)	9.60"
Width (W)	1.30"	Width (W)	1.30"	Width (W)	1.80"
Height (H)	1.10"	Height (H)	1.10"	Height (H)	1.30"
Mounting (M)	8.90"	Mounting (M)	8.90"	Mounting (M)	8.90"

WIRING DIAGRAMS





EXTERNAL DRIVE LED
TYPE C LED TUBES

KT-LED12T8-48G-8XX-E

T8 LED LAMP

ORDERING INFORMATION

ORDER CODE	PACK QTY.	EASY CODE	UPC	DLC PRODUCT ID
KT-LED12T8-48G-830-E-CP	25	TBD	TBD	PLU9PD6L3399
				PL6C30ASC21Q
				PL2BUM30X39E
KT-LED12T8-48G-835-E-CP	25	SND-25	843654128870	PLY500DUNODO
				PL34LKGV1ZTP
				PLW047016ER0
KT-LED12T8-48G-840-E-CP	25	XGE-06	843654128887	PLFOIMINWTJH
				PL6N1T0GAURP
				PLTN7UVSWF09
KT-LED12T8-48G-850-E-CP	25	COA-54	843654128894	PLS04J2O4NC8
				PLHSWCPEDTEQ
				PL5A5J9OJ6LE

CATALOG NUMBER BREAKDOWN

KT-LED12T8-48G-8XX-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 80 CRI
- 8 Color Temperature
- 9 External Drive Series