KEYSTONE SINCE 1945 LIGHT MADE EASY®

DIRECTDRIVE D2 DOUBLE-ENDED LINE VOLTAGE LED TUBES

KT-LED25T8-96G-8XX-D2

T8 LED LAMP

NSF · cULus Classified · DLC Listed · cULus · RoHS Compliant · NLB Trusted Warranty · 10 YEAR LIMITED WARRANTY

DESCRIPTION

25W T8 LED | 3500–5000K | >80 CRI | High-Efficiency | 8-Foot

- **LAMP TYPE:** Linear
- **BULB TYPE:** T8 LED
- **BASE TYPE:** Fa8 (Single-Pin)
- **WATTAGE:** 25W
- **COLOR TEMPERATURE:** 3500–5000K
- **COLOR RENDERING INDEX (CRI):** >80
- **WARRANTY:** 10 Year Limited



PRODUCT FEATURES

- Replacement for conventional T8/T12 8-foot, single-pin fluorescent lamp
- Double-ended line voltage wiring: Connect power to each end for simplified installation
- 50,000+ hour lifetime
- Approximately 50% more energy efficient than standard F96T12 lamps
- Environmentally friendly: No mercury used
- NSF listed: NSF/ANSI Standard 2: Food equipment, splash zone (component level—not for direct food zone without additional fixture considerations)
- Compatible with KT-EMRG-LED-12-1200-AC and KT-EMRG-LED-12-1200-AC /DF LED emergency back ups
- Includes 1 C-clips to be installed with the lamps into the fixture ballast cover to prevent any potential undesired lamp twisting or sagging
- Frosted lens elimates pixelation
- UL classified
- Operating Temperature: (–20ºC/–4ºF) (45ºC/113ºF)
- Working Humidity: 30%-85%
- Integral driver (isolated): Eliminates the need for external driver or ballast
- 140+ lumens per Watt
- Instant startup
- Lamp is dimmable when used with an appropriate dimming accessory (purchased separately). Contact Keystone for more details to find out what is best for the intended application.
- Not for use in sealed / vapor tight fixtures

ELECTRICAL AND PEROFRMANCE SPECIFICATIONS

Catalog Number	Input Voltage	Power Consumption	Color Temperature (CCT)	Luminous Flux	Efficacy	Beam Angle	Power Factor	Input Current	Rated Life
KT-LED25T8-96G-835-D2	120–277Vac	25W	3500K	3500 lm	145 lm/W	325º	>0.9	0.21A @ 120V 0.09A @ 277V	L70 (Hours) 50,000
KT-LED25T8-96G-840-D2			4000K						
KT-LED25T8-96G-850-D2			5000K						

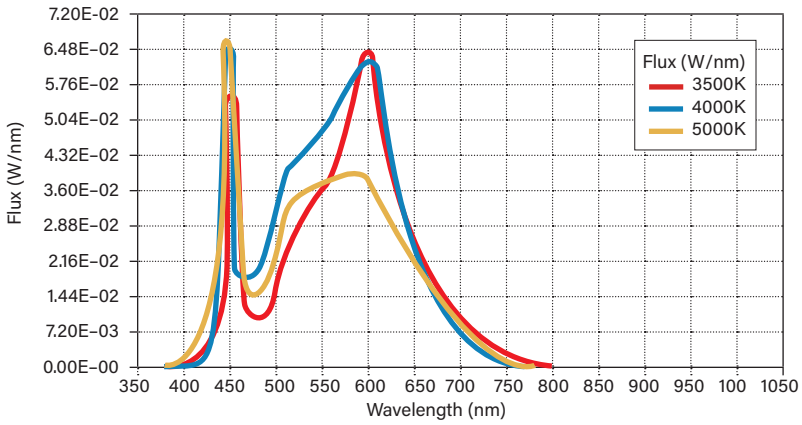
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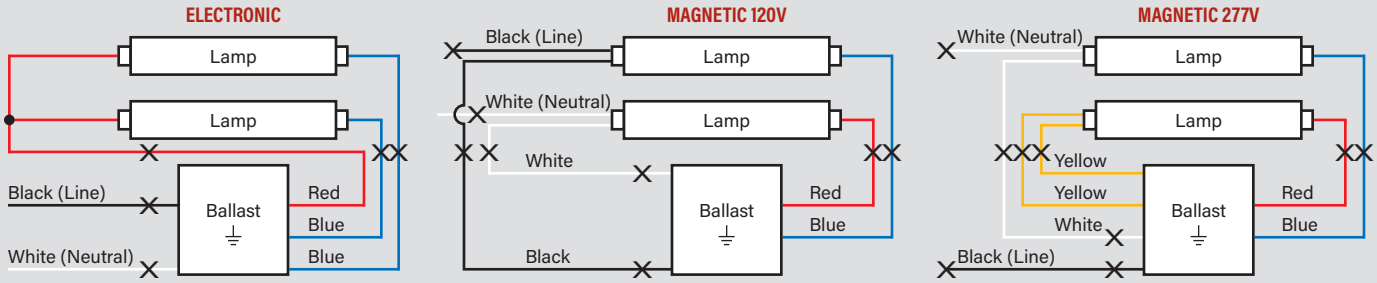
SPECTRAL DISTRIBUTION



WIRING INSTRUCTIONS

1. Identify ballast configuration as shown below and cut all wires connected to the ballast accordingly.

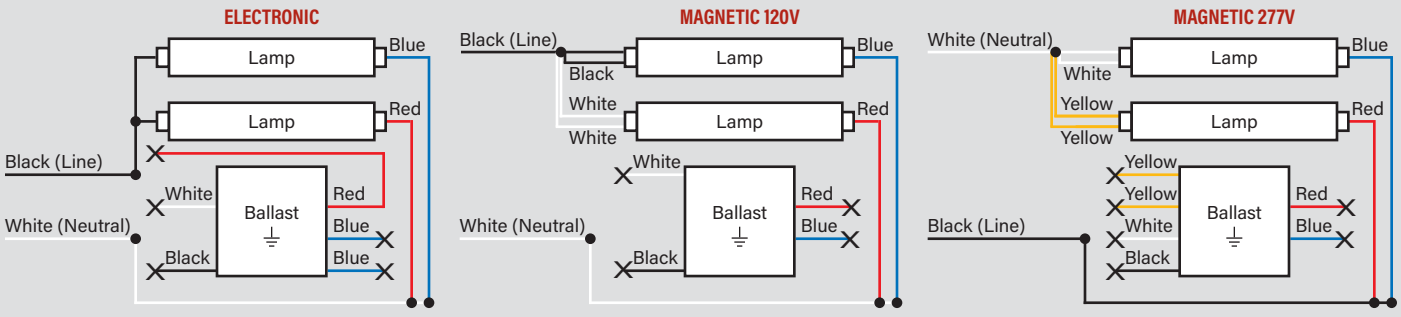
Typical Ballast Configurations



2. Confirm that the lampholders in the fixture are single-pin Fa8 lampholders. These DirectDrive LED tubes require single-pin Fa8 lampholders.

3. Rewire the fixture using existing lampholders, as shown below, according to the original ballast wiring configuration.

Typical Rewiring Configurations

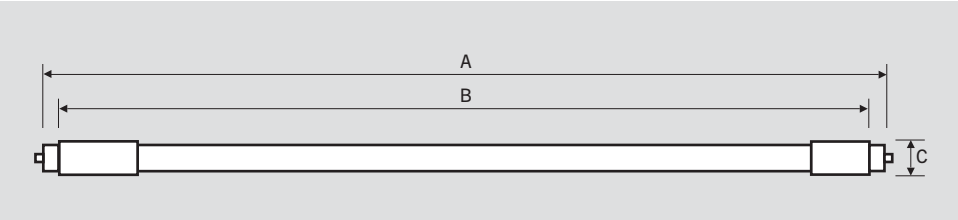


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PHYSICAL CHARACTERISTICS



LAMP DIMENSIONS

A (Body Length)	93.31"
B (Illuminated Length)	87.41"
C End Cap Diameter	1.31"
D Dimension	1.08"

NOMINAL LENGTH: 96"
BASE TYPE: Fa8 (Single-Pin)

ORDERING INFORMATION

ORDER CODE	PACK QTY.	UPC	EASY CODE	DLC PRODUCT ID
KT-LED25T8-96G-835-D2	10	843654139982	SOL-72	PLNYWVWOQHCC
KT-LED25T8-96G-840-D2	10	843654139999	GFM-45	PLSEVFXJZU8F
KT-LED25T8-96G-850-D2	10	843654140001	UWM-31	PL272UEB87H4

CATALOG NUMBER BREAKDOWN

KT-	LED	25	T8-	96	G-	8	XX-	D2
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**
7 **80 CRI**
8 **Color Temperature**
9 **Double Drive Series**