SINCE 1945 KEYSTONE LIGHT MADE EASY®

DIRECTDRIVE LED
LINE VOLTAGE T8 TUBES

KT-LED43T8HO-96G-8XX-D

T8 LED LAMP

DESCRIPTION

43W T8HO/T12HO LED | 4000K | >80 CRI | High Efficiency | 8 Foot

RoHS Compliant · NSF · 5 YEAR WARRANTY

LAMP TYPE: Linear	**COLOR TEMPERATURE:** 4000K
BULB TYPE: T8HO/T12HO LED	**COLOR RENDERING INDEX (CRI):** >80
BASE TYPE: R17d (Recessed Double Contact)	**WARRANTY:** 5 Years
WATTAGE: 43W	

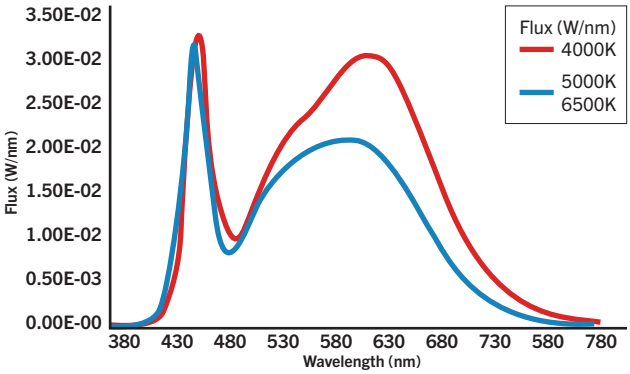
PRODUCT FEATURES

- Replacement for Conventional T8HO/T12HO 8 Foot Fluorescent Lamp
- Double Ended Line Voltage Wiring: Connect power to each end for simplified installation
- 50,000+ Hour Lifetime
- Approximately 50% More Energy Efficient then Standard F96T12HO Lamps
- Environmentally Friendly: No Mercury Used
- Instant Startup
- Includes 2 C-clips to be installed with the lamps into the fixture ballast cover to prevent any potential un-desired lamp twisting or sagging
- NSF Listed: NSF/ANSI Standard 2 - Food Equipment, Splash Zone (Component level, Not for Direct Food Zone without additional fixture considerations)
- Frosted Lens Elimates Pixelation
- UL Classified
- Operating Temperature: -20ºC/-4ºF to 55ºC/131ºF
- Integral Driver (Isolated), Eliminates the Need for External Driver or Ballast
- 120+ Lumens per Watt

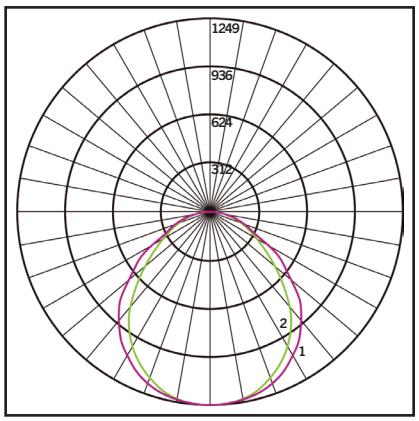
ELECTRICAL AND PERFORMANCE SPECIFICATIONS

Catalog Number	Input Voltage	Power Consumption	Color Temperature (CCT)	Luminous Flux	Efficacy	Beam Angle	Power Factor	Input Current	Rated Life
KT-LED43T8HO-96G-840-D	120–277 Vac	43W	4000K	5500 lm	128 lm/W	325º	>0.9	0.36 @ 120V 0.16 @ 277V	L70 (Hours) 50,000
KT-LED43T8HO-96G-850-D			5000K	5550 lm	129 lm/W				
KT-LED43T8HO-96G-865-D			6500K	5600 lm	130 lm/W				

SPECTRAL DISTRIBUTION



POLAR CANDELA DISTRIBUTION



Located at Horizontal Angle = 0, Vertical Angle 0

1.Violet Vertical Plane through Horizontal Angles (90-270)

2. Green Vertical Plane through Horizontal Angles (0-180)

SINCE 1945 KEYSTONE LIGHT MADE EASY®

DIRECTDRIVE LED
LINE VOLTAGE T8 TUBES

KT-LED43T8HO-96G-8XX-D
T8 LED LAMP

WIRING DIAGRAMS

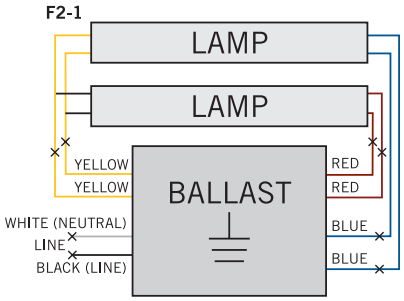
Double Ended Line Voltage Wiring

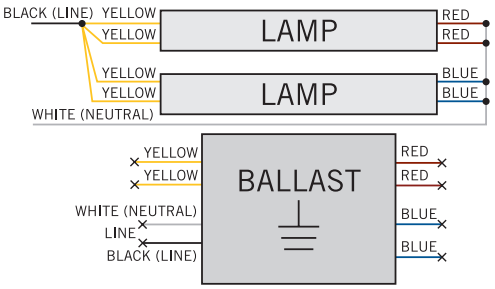


For Retrofit Applications (see below notes)

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

Typical Ballast Configurations:



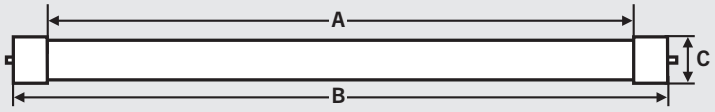


2. Confirm that the lampholders in the fixture are R17d Double Recessed Contact lampholders. These DirectDrive LED tubes require R17d Double Recessed Contact lampholders.

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

PHYSICAL CHARACTERISTICS

LAMP DIMENSIONS



A (Illuminated Length)	91.5”
B (Body Length)	93.31”
C (Cross Section: Width x Height)	1.08” x 1.31”

NOMINAL LENGTH: 96” **BASE TYPE:** R17d (Recessed Double Contact)

ORDERING INFORMATION

ORDER CODE	PACK QTY.	UPC	EASY CODE
KT-LED43T8HO-96G-840-D	10	89094901926	DAJ-85
KT-LED43T8HO-96G-850-D	10	89094901927	HZB-56
KT-LED43T8HO-96G-865-D	10	89094901928	BJE-40

CATALOG NUMBER BREAKDOWN

KT-LED43T8HO-96G-8XX-D

1	2	3	4	5	6	7	8	9	10

1 Keystone Technologies
2 LED Lamp
3 Wattage
4 Lamp Type
5 Nominal Length (Inches)
6 High Output
7 Glass
8 80 CRI
9 Color Temperature
10 Direct Drive Series