SINCE 1945 KEYSTONE

# DIRECTDRIVE LED
LINE VOLTAGE TUBES

# KT-LED32T8-72GC-840-D
## T8 LED LAMP

## DESCRIPTION

32W T8 LED | 4000K | >83 CRI | High Efficiency

RoHS Compliant

10 YEAR LIMITED WARRANTY

| |
|---|
| **LAMP TYPE:** Linear |
| **BULB TYPE:** T8 LED |
| **BASE TYPE:** G13 (Medium Bi-Pin) |
| **WATTAGE:** 32W |
| **COLOR TEMPERATURE:** 4000K |
| **COLOR RENDERING INDEX (CRI):** >83 |
| **WARRANTY:** 10 Years |



## PRODUCT FEATURES

- Replacement for Conventional Fluorescent Lamp
- 50,000+ Hour Lifetime
- Approximately 40% More Energy Efficient that Standard F32T8 Lamps
- Environmentally Friendly: No Mercury Used
- Instant Startup
- Frosted Lens Eliminates Pixelation
- UL Classified
- Operating Temperature: -20ºC/-4ºF to 45ºC/113ºF
- Integral Driver (Isolated), Eliminates the Need for External Driver or Ballast
- 100+ Lumens per Watt
- Improved Lamp Durability with Shatterproof Coated Glass, designed to pass drop tests of 6' on hard surface
- ETL Sanitation Listed NSF/ANSI Standard 2 - Food Equipment, Splash Zone (Not for Direct Food Zone without additional fixture considerations)
- Not for use in sealed / vapor tight fixtures

## OPERATING SPECIFICATIONS

### ELECTRICAL SPECIFICATIONS

| Input Voltage | Power Consumption | Power Factor | Input Current |
|---|---|---|---|
| 120-277Vac | 32W | >0.9 | 0.26A @ 120V<br>0.12A @ 277V |

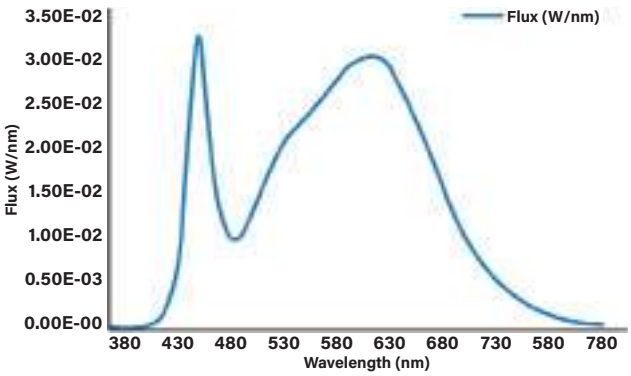
### PHOTOMETRIC SPECIFICATIONS

| | |
|---|---|
| **Color Temperature (CCT)** | 4000K |
| **Luminous Flux** | 3300 lm |
| **Color Rendering Index (CRI)** | >83 |
| **Efficacy** | 103 lm/W |
| **Beam Angle** | 240º |
| **Visible Light Area** | 325º |

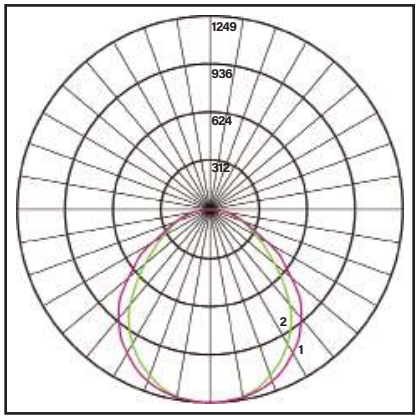
### RATED LIFE

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

### 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)

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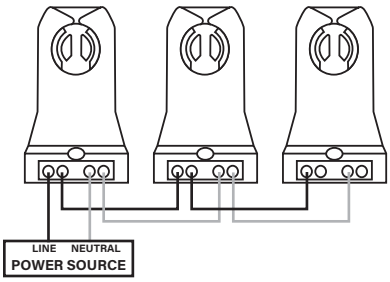
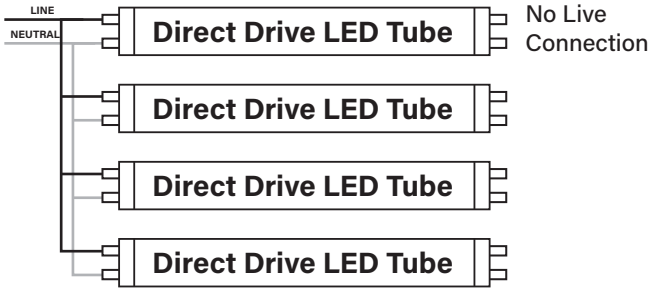
## T8 LED LAMP

## WIRING DIAGRAMS

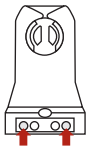
1. Wire fixture as shown below.




No Live Connection

**Typical Non-Shunted Lampholder**



**Connect wires directly to these terminals**

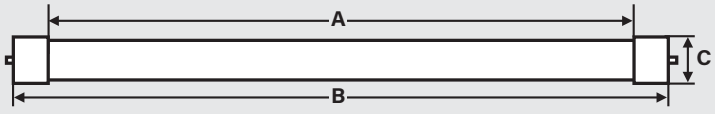
**CAUTION: Use only non-shunted lampholders.**

Do not install product in a fixture with shunted lampholders (found in all fixtures using instant start ballasts). If the current lampholders are shunted, remove them and replace them with non-shunted lampholders. Make new connections directly to terminals as indicated above.

Keystone can provide any style replacement lampholders. Call us at 800-464-2680.

## PHYSICAL SPECIFICATIONS

### LAMP DIMENSIONS




| | |
|---|---|
| **A (Illuminated Length)** | 65.56″ |
| **B (Body Length)** | 69.44″ |
| **C (Diameter)** | 1.12″ |

**NOMINAL LENGTH:** 72″ **BASE TYPE:** G13 (Medium Bi-Pin)

## ORDERING INFORMATION

| ORDER CODE | PACKAGING STYLE | PACK QTY. | ITEM STATUS |
|---|---|---|---|
| KT-LED32T8-72GC-840-D-CP | Carton Pack (Egg Crate Packaging) | 12 | Quick Ship |

## CATALOG NUMBER BREAKDOWN

**KT-LED32T8-72GC-840-D-CP**

| KT | LED32T8 | 72 | G | C | 840 | D | CP |
|---|---|---|---|---|---|---|---|
| Keystone Technologies | LED Lamp | Wattage | Lamp Type | Nominal Length (Inches) | Shatter-Proof Coated Glass | 80 CRI | Color Temp. | Direct Drive Series | Packaging Style |