



DIRECT DRIVE DX2

SINGLE- OR DOUBLE-ENDED LINE VOLTAGE LED TUBES

KT-LED15T8-48GC-950-DX2

T8 LED LAMP

DESCRIPTION

15W T8 LED | 5000K | >90 CRI | High-Efficiency



| |
|---|
| LAMP TYPE: Linear |
| BULB TYPE: T8 LED |
| BASE TYPE: G13 (Medium Bi-Pin) |
| WATTAGE: 15W |
| COLOR TEMPERATURE: 5000K |
| COLOR RENDERING INDEX (CRI): >90 |
| WARRANTY: 5 Years |



PRODUCT FEATURES

- Replacement for conventional fluorescent lamp
- Single- or double-ended wiring
- 50,000+ hour lifetime
- Approximately 40% more energy efficient than standard F32T8 lamps
- Environmentally friendly: No mercury used
- Instant startup
- Frosted lens eliminates pixelation
- UL classified
- Operating temperature: -20°C/-4°F to 45°C/113°F
- Integral driver (isolated) eliminates the need for external driver or ballast
- 100+ Lumens per Watt
- Improved lamp durability with shatterproof coated glass
- ETL Sanitation Listed NSF/ANSI Standard 2—Food Equipment

OPERATING SPECIFICATIONS

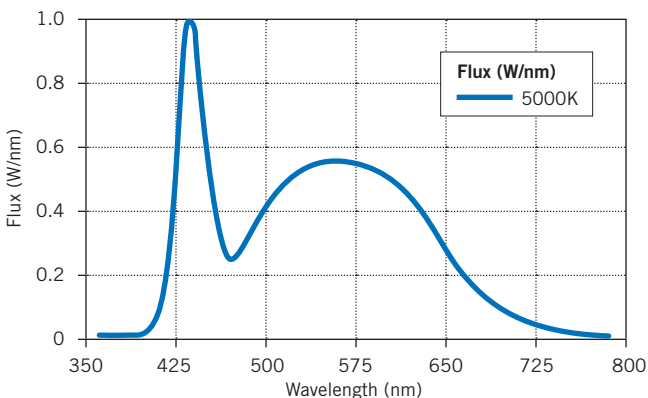
ELECTRICAL CHARACTERISTICS

| Catalog Number | Color Temp. | Input Voltage | Power Consumption | Lumens | Luminous Efficacy | Rated Life (L70) |
|-------------------------|-------------|---------------|-------------------|----------|-------------------|------------------|
| KT-LED15T8-48GC-950-DX2 | 5000K | 120-277V | 15W | 1,900 lm | 127 lm/W | 50,000 Hrs |

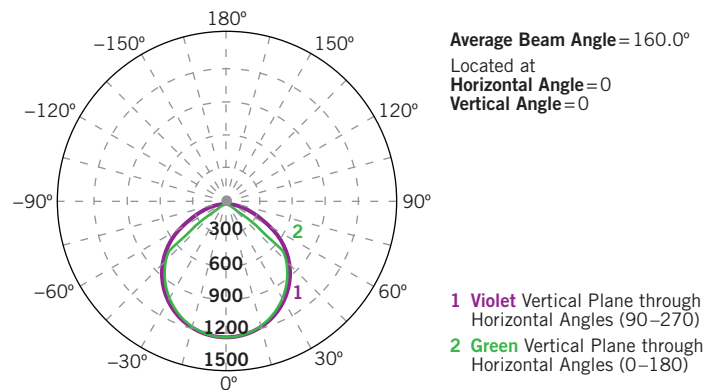
PHOTOMETRIC CHARACTERISTICS

| | |
|-----------------------------|----------|
| Color Temperature (CCT) | 5000K |
| Luminous Flux | 1900 lm |
| Color Rendering Index (CRI) | ≥90 |
| Efficacy | 127 lm/W |
| Beam Angle | 160° |
| Visible Light Area | 325° |

SPECTRAL DISTRIBUTION



POLAR CANDELA DISTRIBUTION

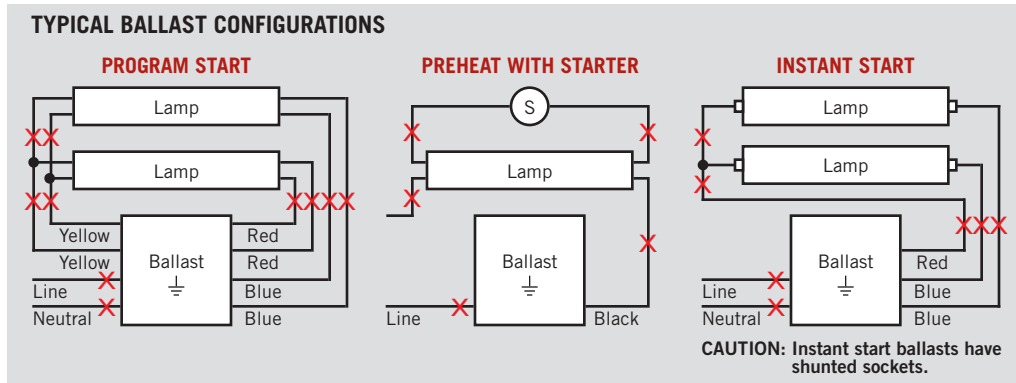


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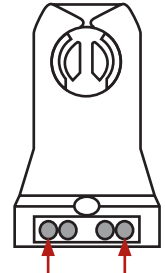
T8 LED LAMP

WIRING DIAGRAMS

1. Cut all existing connections to ballast as shown below and remove ballast. See typical ballast configurations below.

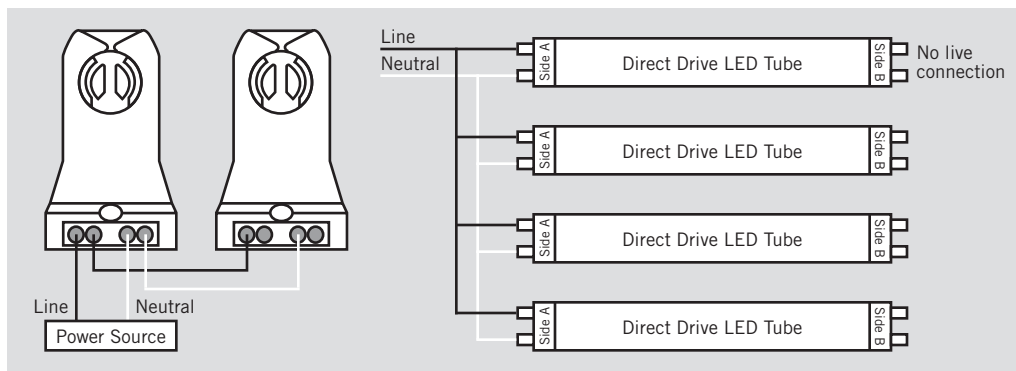


TYPICAL NON-SHUNTED LAMPHOLDER



Connect wires directly to these terminals

2. Rewire fixture as shown below. **NOTE: Single-ended wiring requires non-shunted lampholders.**



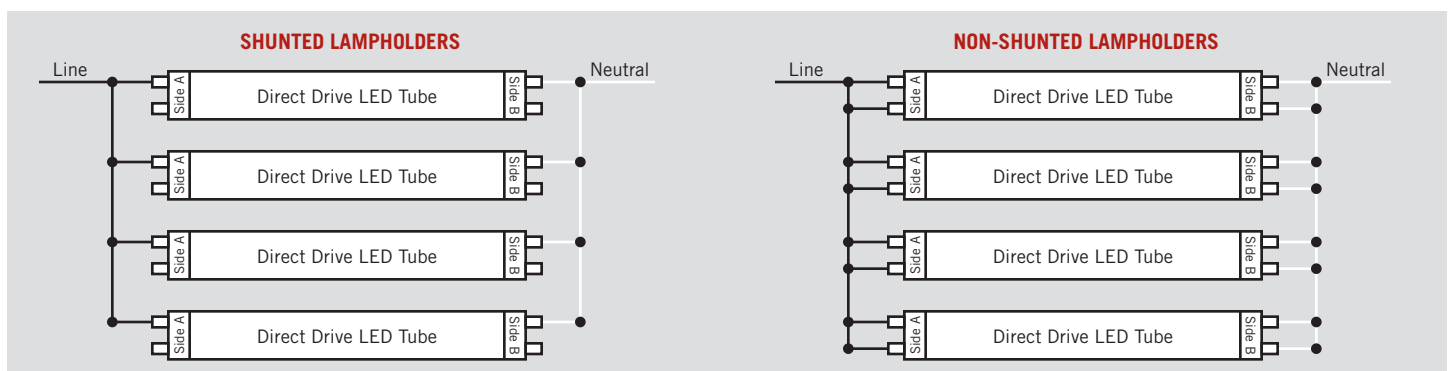
CAUTION: FOR SINGLE-ENDED WIRING USE ONLY NON-SHUNTED LAMPHOLDERS.

For single-ended wiring, 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.

DOUBLE-ENDED WIRING DIAGRAM

1. Cut all existing connections to ballast as shown and remove ballast. See *Typical Ballast Configurations* illustration above.
2. Re-wire fixture as shown below. For double-ended wiring, use either shunted or non-shunted lampholders.

NOTE: There should not be any exposed wires at the end of installation.

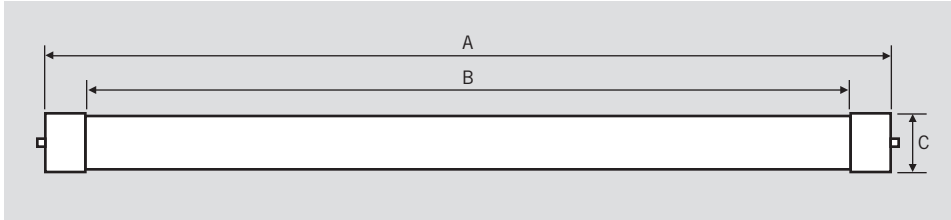




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PHYSICAL CHARACTERISTICS



LAMP DIMENSIONS

| | |
|------------------------|--------|
| A (Body Length) | 47.15" |
| B (Illuminated Length) | 42.63" |
| C (Diameter) | 1.10" |

NOMINAL LENGTH: 48"

BASE TYPE: G13 (Medium Bi-Pin)

ORDERING INFORMATION

| ORDER CODE | PACK QTY. | ITEM STATUS |
|-------------------------|-----------|-------------|
| KT-LED15T8-48GC-950-DX2 | 25 | Quick Ship |

CATALOG NUMBER BREAKDOWN

KT-LED15T8-48GC-950-DX2

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 Shatterproof Coated Glass Construction
- 7 900 Series
- 8 Color Temperature
- 9 Single- or Double-Ended Wiring