



KT-LED15T8-48GC-850-X

T8 LED LAMP

DESCRIPTION

15W T8 LED | 5000K | >80 CRI | Ballast and Line Voltage Compatible



| |
|-----------------------------------------|
| LAMP TYPE: Linear |
| BULB TYPE: T8 LED |
| BASE TYPE: G13 (Medium Bi-Pin) |
| WATTAGE: 15W |
| COLOR TEMPERATURE: 5000K |
| COLOR RENDERING INDEX (CRI): >80 |
| WARRANTY: 5 Years |



PRODUCT FEATURES

- **Plug & Play Application:** Compatible with Most Instant Start Electronic T8 Ballasts, Contact Keystone for Ballast Compatibility List
- **Bypass Ballast Application:** Runs on 120-277 Line Voltage
- Direct Replacement for the Following Fluorescent Lamps: F32T8/32W, F32T8/30W, F32T8/28W, F32T8/25W
- UL Listed and UL Classified
- Listed on the DLC QPL, Type B application mode only
- 50,000+ Hour Lifetime
- Environmentally Friendly: No Mercury Used
- Instant Startup
- Frosted Lens Eliminates Pixelation
- Operating Temperature: -20°C/-4°F to 45°C/113°F
- 100+ Lumens per Watt (Bare Lamp Efficacy)
- Suitable for Dry and Damp Locations
- Improved Lamp Durability with Shatterproof Coated Glass, designed to pass drop tests of 6' on hard surface
- NSF Listed: NSF/ANSI Standard 2 - Food Equipment, Splash Zone (Not for Direct Food Zone without additional fixture considerations)

OPERATING SPECIFICATIONS

ELECTRICAL AND PERFORMANCE CHARACTERISTICS

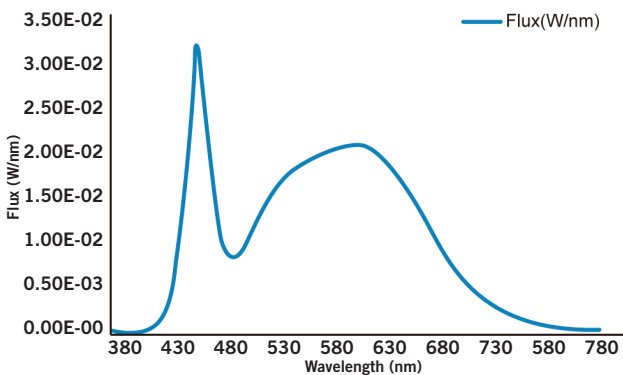
| CRI | Bare Lamp Wattage | Nominal Lamp Lumens | Instant Start Ballast Compatible Application | | | | | | | Line Voltage Application | | | Max. THD | Power Factor |
|-----|-------------------|---------------------|----------------------------------------------|-----------------|--------|--------|-----------------|--------|--------|--------------------------|--------------|----------------|----------|--------------|
| | | | Input Voltage | System Wattage* | | | Initial Lumens* | | | Input Voltage | Lamp Wattage | Initial Lumens | | |
| | | | | 0.78BF | 0.88BF | 1.18BF | 0.78BF | 0.88BF | 1.18BF | | | | | |
| >80 | 15 | 1800 | Ballast Dependent | 16.2 | 17.4 | 18.5 | 1730 | 1860 | 2010 | 120-277 | 15 | 1830 | 20% | >0.9 |

* Nominal values. Actual values may vary depending on electronic ballast used.

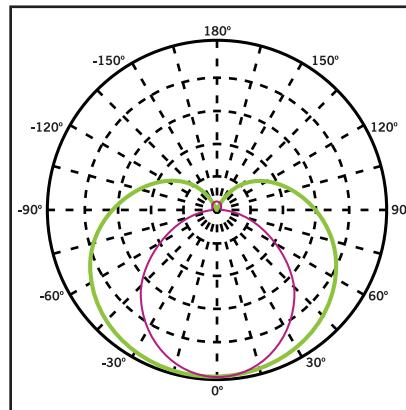
RATED LIFE

| | |
|-------------|--------|
| 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)

Beam Angle: 220°

Visible Light Area: 325°



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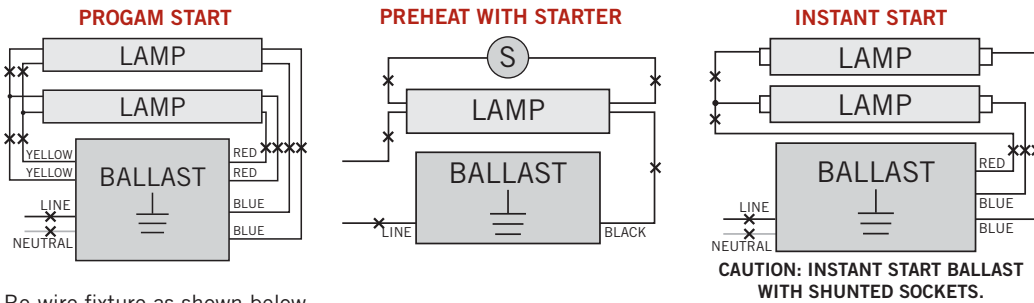
T8 LED LAMP

WIRING: Plug & Play

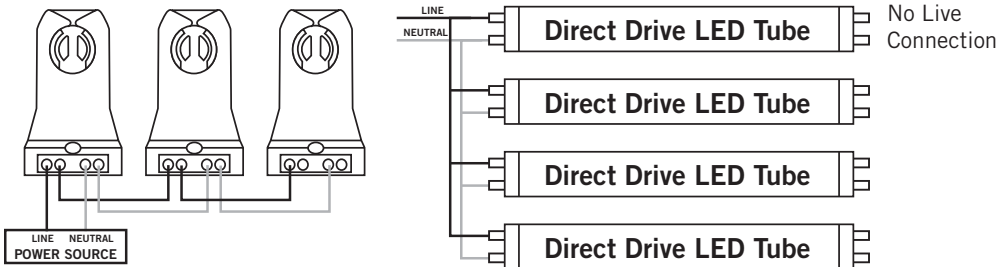
Simply replace the existing fluorescent lamp with Keystone Combo Drive LED lamp. No changes to the existing fluorescent ballast wiring needed. For ballast compatibility questions, please contact Keystone.

WIRING: Bypass Ballast

Typical Ballast Configurations:



Re-wire fixture as shown below.



Typical Non-Shunted Lampholder

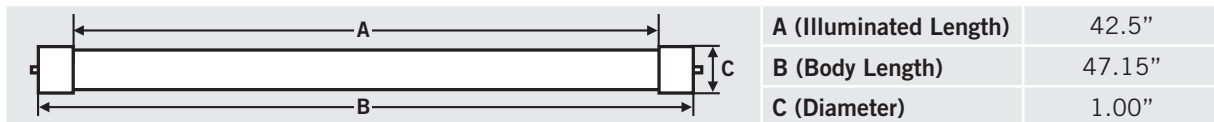
Connect wires directly to these terminals

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 CHARACTERISTICS

LAMP DIMENSIONS



NOMINAL LENGTH: 48" BASE TYPE: G13 (Medium Bi-Pin)

ORDERING INFORMATION

| ORDER CODE | PACKAGING STYLE | PACK QTY. | ITEM STATUS |
|--------------------------|-----------------------------------|-----------|-------------|
| KT-LED15T8-48GC-850-X-CP | Carton Pack (Egg Crate Packaging) | 25 | Quick Ship |

CATALOG NUMBER BREAKDOWN

KT-LED15T8-48GC-850-X

