



KT-LED14T8-48G-8XX-X2

T8 LED LAMP

DESCRIPTION

14W T8 LED | 3500K, 4000K, 5000K | >80 CRI | Ballast & Line Voltage Compatible



LAMP TYPE: Linear	COLOR TEMPERATURE: 3500K, 4000K, 5000K
BULB TYPE: T8 LED	COLOR RENDERING INDEX (CRI): >80
BASE TYPE: G13 (Medium Bi-Pin)	WARRANTY: 5 Years
WATTAGE: 14W	



PRODUCT FEATURES

- **Plug & Play Application:** Compatible with Most Instant and Programmed 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
- 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
- 110+ Lumens per Watt (Bare Lamp Efficacy)
- Suitable for Dry Locations

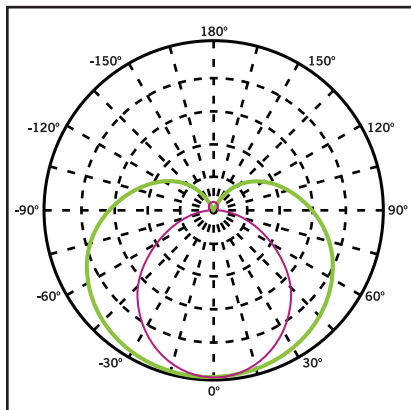
OPERATING SPECIFICATIONS

ELECTRICAL AND PERFORMANCE CHARACTERISTICS

Catalog	CCT	CRI	Bare Lamp Wattage	Initial Lamp Lumens	Ballast Compatible Application			Line Voltage Application		Max. THD	Power Factor	
					Input Voltage	System Wattage*		Input Voltage	Lamp Wattage			
						0.78BF	0.88BF					1.18BF
KT-LED14T8-48G-835-X2	3500K	≥ 80	14W	1625	Ballast Dependent	16.5W	17W	18.5W	120-277V	14W	20%	>0.9
KT-LED14T8-48G-840-X2	4000K	≥ 80	14W	1650	Ballast Dependent	16.5W	17W	18.5W	120-277V	14W	20%	>0.9
KT-LED14T8-48G-850-X2	5000K	≥ 80	14W	1700	Ballast Dependent	16.5W	17W	18.5W	120-277V	14W	20%	>0.9

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

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°

RATED LIFE

L70 (Hours)	50,000
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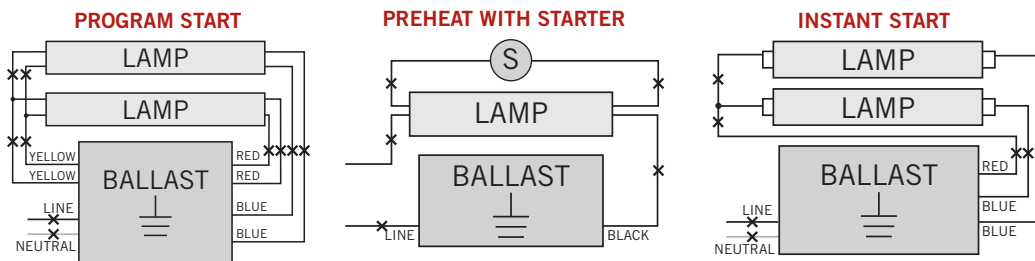
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WIRING: Plug & Play

Simply replace the existing fluorescent lamp with Keystone ComboDrive 2 LED lamp. No changes to the existing fluorescent ballast wiring needed. For ballast compatibility questions, please contact Keystone.

WIRING: Bypass Ballast

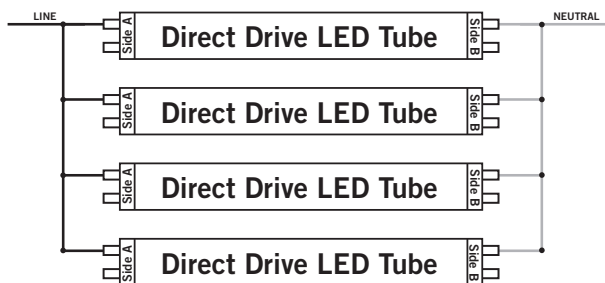
Typical Ballast Configurations:



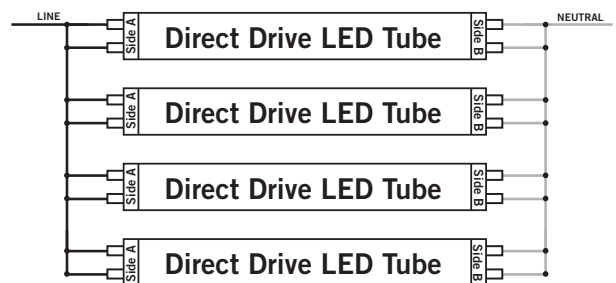
1. Cut all existing connections to ballast as shown above and remove ballast.
2. Re-wire fixture as shown below. For Double-ended wiring, use either shunted or nonshunted lampholders.

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

Shunted Lampholders



Nonshunted Lampholders



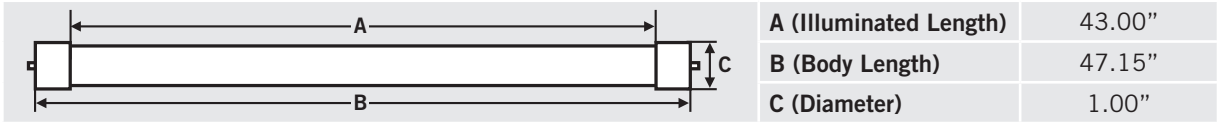


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PHYSICAL CHARACTERISTICS

LAMP DIMENSIONS



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

ORDERING INFORMATION

ORDER CODE	PACKAGING STYLE	PACK QTY.	ITEM STATUS
KT-LED14T8-48G-8XX-X2-CP	Carton Pack (Egg Crate Packaging)	25	Quick Ship

CATALOG NUMBER BREAKDOWN

