



KT-LED12T8-48GC-8XX-S /U

T8 LED LAMP

DESCRIPTION

12W T8 LED | 3000K, 4000K, 5000K | >80 CRI | High Efficiency | Ballast Compatible



LAMP TYPE: Linear
BULB TYPE: T8 LED
BASE TYPE: G13 (Medium Bi-Pin)
WATTAGE: 12W
COLOR TEMPERATURE: 3000K, 4000K, 5000K
COLOR RENDERING INDEX (CRI): >80
WARRANTY: 5 Years



PRODUCT FEATURES

- **Made in the USA (with Global Materials)**
- Compatible with Most Instant and Program Start Electronic T8 Ballasts, Contact Keystone for Ballast Compatibility List
- Direct Replacement for the Following Fluorescent Lamps: F32T8/32W, F32T8/30W, F32T8/28W, F32T8/25W
- UL Listing Pending
- 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
- 115+ Lumens per Watt (Bare Lamp Efficacy)
- *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)
- Beam Angle 220°
- Rated Average Life 50,000 hrs.

* Pending

OPERATING SPECIFICATIONS

ELECTRICAL AND PERFORMANCE CHARACTERISTICS

Catalog Number	Color	Input Voltage	CRI	Bare Lamp Wattage	Nominal Lamp Lumens	Nominal Bare Efficacy	System Wattage*			Initial Lumens*		
							0.78BF	0.88BF	1.18BF	0.78BF	0.88BF	1.18BF
KT-LED12T8-48GC-830-S /U	3000K	Ballast Dependent	≥80	12W	1800	150 lm/W	13.2W	14.5W	16.5W	1570	1800	2030
KT-LED12T8-48GC-840-S /U	4000K	Ballast Dependent	≥80	12W	1825	152 lm/W	13.2W	14.5W	16.5W	1585	1820	2040
KT-LED12T8-48GC-850-S /U	5000K	Ballast Dependent	≥80	12W	1850	154 lm/W	13.2W	14.5W	16.5W	1610	1860	2100

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

RATED LIFE

L70 (Hours)	50,000
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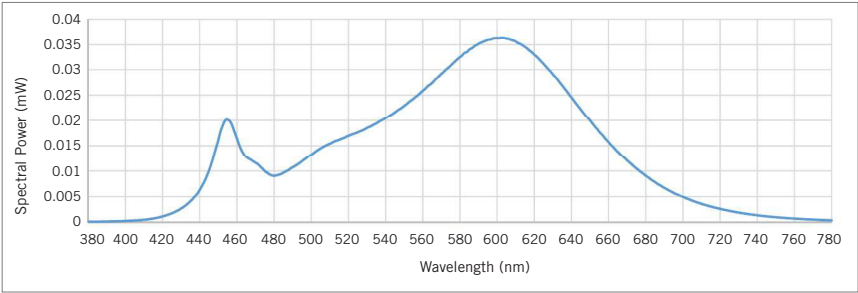


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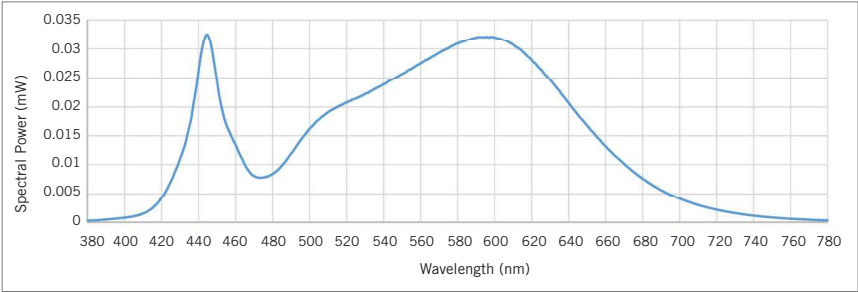
T8 LED LAMP

SPECTRAL DISTRIBUTION

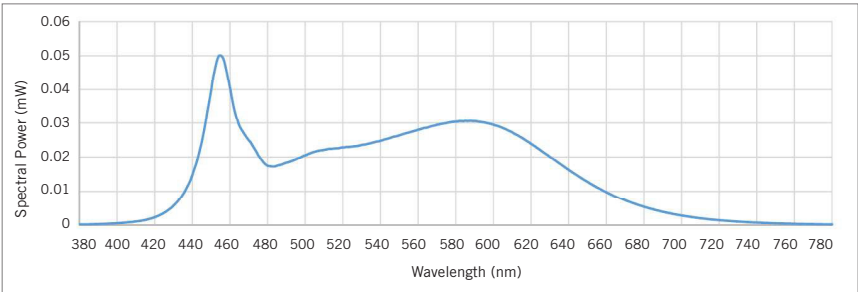
3000K



4000K



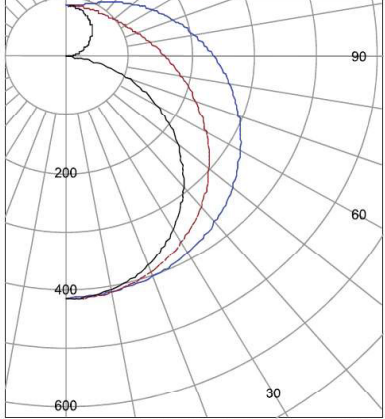
5000K



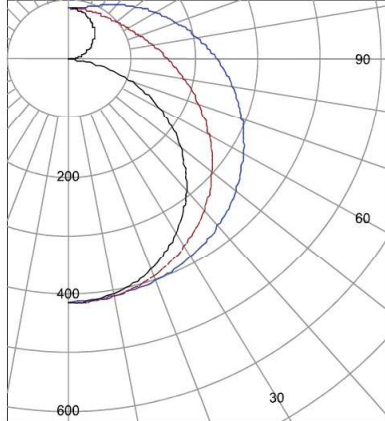
POLAR CANDELA DISTRIBUTION

Legend: C0-Solid, C45-Dashed, C90-Grey (cd)
(Two plane symmetry) C0-C90

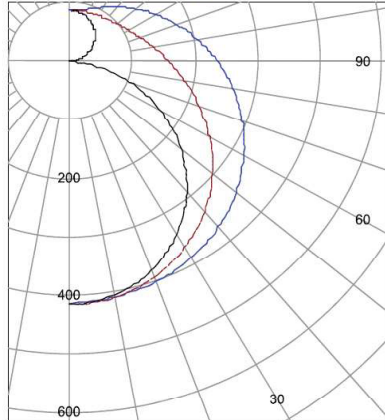
3000K



4000K



5000K





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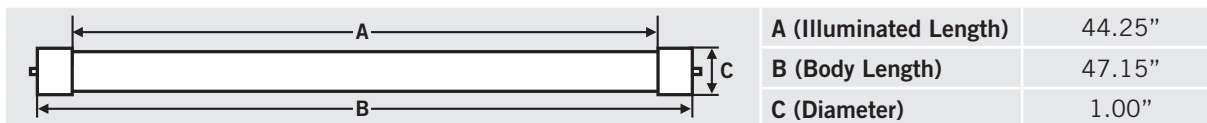
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WIRING

Plug and Play: Simply replace the existing fluorescent lamp with Keystone Smart Drive LED lamp. No changes to the existing fluorescent ballast wiring needed. For ballast compatibility questions, please contact Keystone.

PHYSICAL CHARACTERISTICS

LAMP DIMENSIONS



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

ORDERING INFORMATION

ORDER CODE	PACKAGING STYLE	PACK QTY.	ITEM STATUS
KT-LED12T8-48GC-8xx-S /U-CP	Carton Pack (Egg Crate Packaging)	TBD	Quick Ship

CATALOG NUMBER BREAKDOWN

KT-LED12T8-48GC-8XX-S /U-CP

