KEYSTONE
SINCE 1945

SmartDrive LED
PLUG & PLAY WITH BALLAST

KT-LED13T5HE-48GC-850-S
T5 LED LAMP

DESCRIPTION
13W T5 LED **I** 5000K **I** >80 CRI **I** High Efficiency **I** Ballast Compatible

DLC LISTED | ETL Intertek | c UL us LISTED | RoHS Compliant | 5 YEAR WARRANTY

LAMP TYPE: Linear	
BULB TYPE: T5 LED	
BASE TYPE: G5 (Miniature Bi-Pin)	
WATTAGE: 13W	
COLOR TEMPERATURE: 5000K	
COLOR RENDERING INDEX (CRI): >80	
WARRANTY: 5 Years	

PRODUCT FEATURES
- **Compatible with Most Program Start Electronic T5HE Ballasts, Contact Keystone for Ballast Compatibility List**
- Listed on DLC QPL
- Direct Replacement for the Following Fluorescent Lamps: F28T5
- UL Listed
- 50,000+ Hour Lifetime
- Environmentally Friendly: No Mercury Used
- Instant Startup

- Operating Temperature: -20ºC/-4ºF to 45ºC/113ºF
- 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
- ETL Sanitation Listed NSF/ANSI Standard 2 - Food Equipment, Splash Zone (Not for Direct Food Zone without additional fixture considerations)

OPERATING SPECIFICATIONS
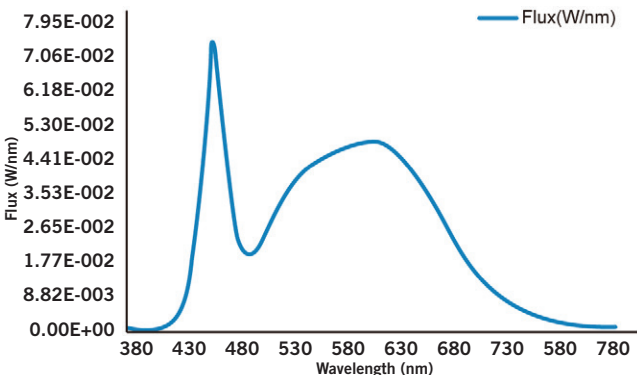
ELECTRICAL AND PERFORMANCE CHARACTERISTICS

Input Voltage	CRI	Bare Lamp Wattage	System Wattage*	Initial Lumens*	Nominal Bare Lamp Efficacy	Nominal System Efficacy	Power Factor	Max. THD
Ballast Dependent	>80	13W	18W	1800 lm	138 lm/W	100 lm/W	>0.9	20%

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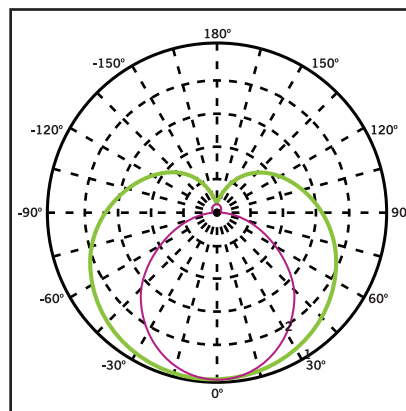
RATED LIFE

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: 240º

Visible Light Area: 325º

Keystone Technologies • 1390 Welsh Road, North Wales, PA 19454 • Phone (800) 464-2680 • Fax (888) 966-0556 • **www.keystonetech.com**

Specifications subject to change. Last revised on 2.19.18

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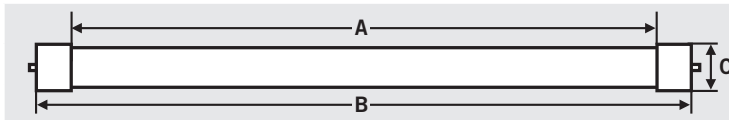PLUG & PLAY WITH BALLAST

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T5 LED LAMP

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 compability questions, please contact Keystone.

PHYSICAL CHARACTERISTICS

LAMP DIMENSIONS

A (Illuminated Length)	42.00"
B (Body Length)	45.20"
C (Diameter)	0.69"

NOMINAL LENGTH: 4'   **BASE TYPE:** G5 (Miniature Bi-Pin)

ORDERING INFORMATION

ORDER CODE	PACKAGING STYLE	PACK QTY.	ITEM STATUS
KT-LED13T5HE-48GC-850-S-CP	Carton Pack (Egg Crate Packaging)	25	Quick Ship

CATALOG NUMBER BREAKDOWN

KT-LED13T5HE-48GC-850-S-CP

| Keystone Technologies | LED Lamp | Wattage | Lamp Type | Nominal Length | Shatterproof Coated Glass | 800 Series | Color Temp. | Smart Drive Series | Packaging Style |

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