



SMARTDRIVE LED

PLUG & PLAY WITH BALLAST

KT-LED13T5HE-48GC-8XX-S

T5 LED LAMP

DESCRIPTION

13W T5 LED | 3500–5000K | >80 CRI | High Efficiency | Ballast Compatible



LAMP TYPE: Linear

BULB TYPE: T5 LED

BASE TYPE: G5 (Miniature Bi-Pin)

WATTAGE: 13W

COLOR TEMPERATURE: 3500–5000K

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: -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
- ETL Sanitation Listed NSF/ANSI Standard 2 - Food Equipment, Splash Zone (Not for Direct Food Zone without additional fixture considerations)

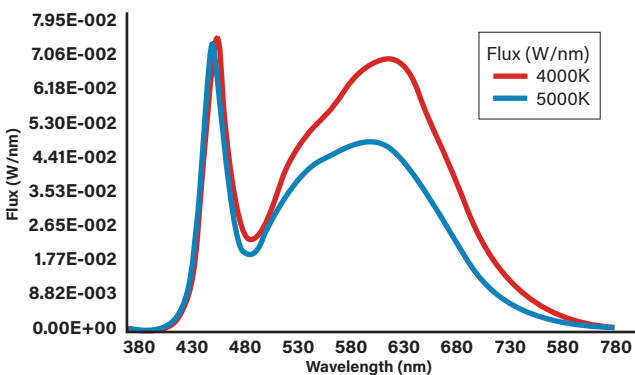
ELECTRICAL AND PERFORMANCE SPECIFICATIONS

Catalog Number	Input Voltage	Bare Lamp Wattage	System Wattage*	Color Temperature (CCT)	Nominal Bare Lamp Efficacy	Nominal System Efficacy	Power Factor	Max. THD	Rated Life
KT-LED13T5HE-48GC-835-S	Ballast Dependent	13W	18W	3500K	127 lm/W	92 lm/W	>0.9	20%	L70 (Hours) 50,000
KT-LED13T5HE-48GC-840-S				4000K	130 lm/W	94 lm/W			
KT-LED13T5HE-48GC-850-S				5000K	138 lm/W	100 lm/W			

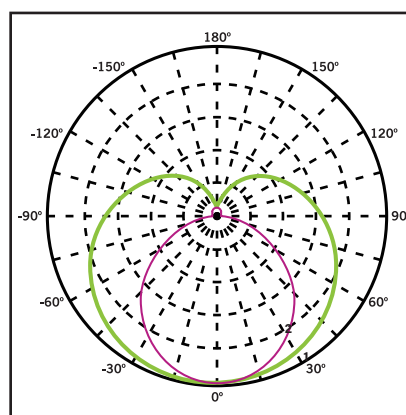
* Nominal values. Actual values may vary depending on electronic ballast used.

PHOTOMETRIC SPECIFICATIONS

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: 240°

Visible Light Area: 325°



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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 SPECIFICATIONS

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	PACK QTY.	EASY CODE	UPC	DLC PRODUCT ID
KT-LED13T5HE-48GC-835-S	25	NXF-67	89094900370	PLGNQPI29GD6
KT-LED13T5HE-48GC-840-S	25	XZY-54	89094900371	PL54G2RFLX1G
KT-LED13T5HE-48GC-850-S	25	UWP-59	89094900372	PL6F71FRPKR8

CATALOG NUMBER BREAKDOWN

KT-LED13T5HE-48GC-8XX-S-CP

Keystone Technologies	LED Lamp	Wattage	Lamp Type	Nominal Length	Shatterproof Coated Glass	80 CRI	Color Temp.	Smart Drive Series	Packaging Style
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