



KT-LED13T5HE-48GC-8XX-S / G2

T5 LED LAMP

DESCRIPTION

12.5W T5 LED | 3500–5000K | >80 CRI | High Efficiency | Ballast Compatible



LAMP TYPE: Linear

BULB TYPE: T5 LED

BASE TYPE: G5 (Miniature Bi-Pin)

WATTAGE: 12.5W

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**
- 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
- 136+ 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 Certified NSF/ANSI Standard 2 - Food Equipment, Splash Zone (Not for Direct Food Zone without additional fixture considerations)

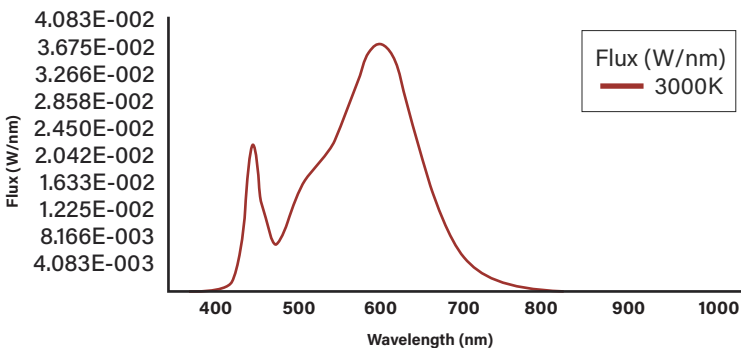
ELECTRICAL AND PERFORMANCE SPECIFICATIONS

Catalog Number	Bare Lamp Wattage	System Wattage*	Color Temperature (CCT)	Initial Lumens*	Nominal Bare Lamp Efficacy	Nominal System Efficacy	CRI	Power Factor	Max. THD
KT-LED13T5HE-48GC-835-S /G2	12.5W	14.5W	3500K	1700	136 lm/W	117 lm/W	80	>0.9	25%
KT-LED13T5HE-48GC-840-S /G2			4000K	1800	144 lm/W	124 lm/W			
KT-LED13T5HE-48GC-850-S /G2			5000K	1800	144 lm/W	124 lm/W			

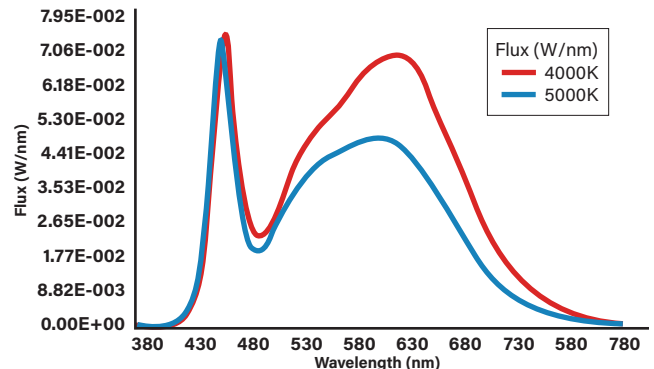
* Nominal values. Actual values may vary depending on electronic ballast used.

PHOTOMETRIC SPECIFICATIONS

SPECTRAL DISTRIBUTION



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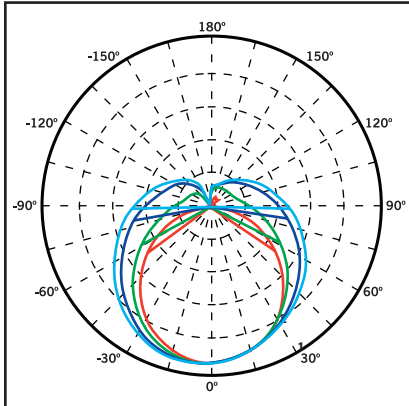


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T5 LED LAMP

PHOTOMETRIC SPECIFICATIONS CONTINUED

POLAR CANDELA DISTRIBUTION



Located at Horizontal Angle = 0,
Vertical Angle 0

C0/180, 109.2
C30/210, 123.7
C60/240, 159.9
C90/270, 176.8

Beam Angle: 160°

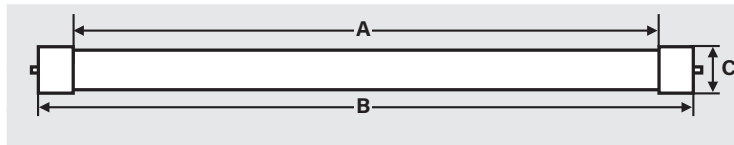
Visible Light Area: 325°

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 SPECIFICATIONS

LAMP DIMENSIONS



A (Illuminated Length)	42.00"
B (Body Length)	45.24"
C (Diameter)	0.65"

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 /G2	25	DBL-16	843654160962	S-7MRCVZ
KT-LED13T5HE-48GC-840-S /G2	25	OOX-97	843654160979	S-ZYL3YM
KT-LED13T5HE-48GC-850-S /G2	25	HYT-70	843654160986	S-YWF92C

CATALOG NUMBER BREAKDOWN

KT-LED13T5HE-48GC-8XX-S /G2

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|-------------------------|-----------------------------|
| 1 Keystone Technologies | 6 Shatterproof Coated Glass |
| 2 LED Lamp | 7 80 CRI |
| 3 Max. Output Wattage | 8 Color Temperature |
| 4 Lamp Type | 9 Smart Drive |
| 5 Nominal Length | 10 2nd Generation |