



T5 CONVERSION KITS

- ◆ KOJIN's T5 Conversion Kits are designed to replace T12 and T8 lamps quickly and cost-effectively
- ◆ This energy saving retrofit fixture is self-ballasted and suitable for use in troffers and commercial light fixtures
- ◆ Our integrated Nano Reflectors increase brightness without increased cost. Make your workspace brighter, safer and more productive.
- ◆ Uses existing T12 or T8 housing to reduce installation time and costs
- ◆ Available in 2', 4' and 8' lengths
- ◆ Program Start electronic ballast
- ◆ Reduce energy consumption without compromising lighting quality
- ◆ UL and cUL Classified*, a testament to our ongoing commitment to safety
- ◆ KOJIN's single T5 lamps offer as much light intensity as a T12 with TWO lamps creating an opportunity to de-lamp.
- ◆ Qualifies for government / utility rebates (where available)
- ◆ 3 Year Warranty on ballast

*UL Certified products were manufactured / produced prior to our withdrawal from the UL Program and met UL requirements at that time





T5 CONVERSION KITS

Specifications

Dimensions

KT5C060 = 23.6" (600 mm) X 1" (25 mm) X 1.6" (40 mm)
KT5C120 = 47" (1200 mm) X 1" (25 mm) X 1.6" (40 mm)
KT5C240 = 47" (1200 mm) x2 X 1" (25 mm) X 1.6" (40 mm)
8-FT model (single-pin) is composed of two four foot sections connected by a metal brace for added support.

Weight

KT5C060 = 0.57 lbs (0.26 kg)
KT5C120 = 0.97 lbs (0.44 kg)
KT5C240 = 2.4 lbs (1.09 kg)

Electrical Specifications

Power Factor ≥ 0.95

Input Power

KT5C060 = 14 Watts / KT5C120 = 28 Watts / KT5C240 = 2 X 28 Watts

Input Current @ 110V

KT5C060 = 0.117A
KT5C120 = 0.234A
KT5C240 = 0.468A

Input Current @ 277V

KT5C060 = 0.053A
KT5C120 = 0.106A
KT5C240 = 0.212A

Ballast Factor @ 110V

KT5C060 = 0.98 / KT5C120 = 0.98 / KT5C240 = 0.98

Ballast Factor @277V

KT5C060 = 0.95 / KT5C120 = 0.95 / KT5C240 = 0.95

Total Harmonic Distortion $\leq 7.5\%$

Operation Frequency

KT5C060 = 26 kHz – 30 kHz
KT5C120 = 26 kHz – 30 kHz
KT5C240 = 46 kHz – 54 kHz

Preheat Time: 1-2 seconds

Energy Efficiency Index: $\geq 90\%$

Ambient Temperature: $-10^{\circ}\text{C} - +55^{\circ}\text{C}$

Storage Temperature: $-20^{\circ}\text{C} - +55^{\circ}\text{C}$

Ballast Type: Electronic

Starting Method: Programmed Start

Input Voltage: AC 90V- 277V

Input Frequency: 50/60 Hz

Ballast Life: 50,000 hours

Lamp Life Extend Functions: 20,000 hours

Warranty:

Guaranteed for one (1) year against mechanical defects in manufacture. Factory installed internal components such as ballast and wiring are guaranteed for three (3) years from date of purchase. Warranty applies to repair or replacement of defective parts and does not include labor costs.

Approvals:

UL and cUL Classified

* Technical specifications are used as a guideline, variance may occur as a result of fluctuations in line voltages.

How To Order

Series	Length	Voltage
KT5C	2' = 060	90-277V=UV
	4' = 120	
	8' = 240	

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