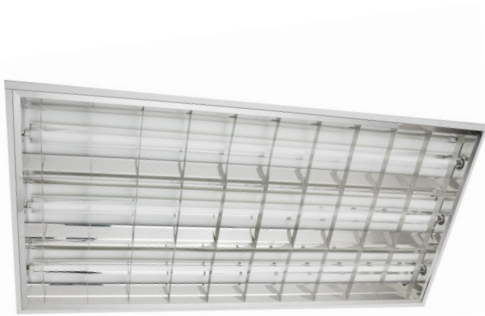


# KOJIN

## T5 TROFFER SERIES

- ◆ Cost effective T5 fluorescent solution
- ◆ KOJIN's energy saving fluorescent lighting fixtures utilize our integrated Nano Reflectors to create a softer, brighter illumination without increased cost
- ◆ Low-profile and lightweight fixtures are suitable for recessed and surface-mount applications
- ◆ Fixture is only 2.17" (55 mm) deep
- ◆ Made of heavy gauge steel and riveted for little to no light leaks
- ◆ Applications: Office, hallways, schools and warehouses
- ◆ The best option to realize significant energy savings when retrofitting from traditional T8 / T12 fixtures
- ◆ Compatible with motion and occupancy sensors
- ◆ UL and cUL Classified\*, a testament to our ongoing commitment to safety
- ◆ Available in 3 sizes: 1' X 4'; 2' X 2'; and 2' X 4'
- ◆ Available in universal voltage 110-277V or 347V
- ◆ Qualifies for government / utility rebates (where available)
- ◆ 1 Year Warranty

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





## T5 TROFFER SERIES

### Specifications

#### Dimensions

KT5T1X4G = 47.2" (1200mm) X 12.2" (310mm) X 2.17" (55mm)  
 KT5T2X2G = 23.6" (600mm) X 23.6" (600mm) X 2.17" (55mm)  
 KT5T2X4G = 47.2" (1200mm) X 23.6" (600mm) X 2.17" (55mm)

#### Weight

KT5T1X4G = 7 lbs (3.18kg)  
 KT5T2X2G = 8 lbs (3.6 kg)  
 KT5T2X4G = 16 lbs (7.26 kg)

#### Electrical Specifications

Power Factor =  $\geq 0.95$

#### Input Power

KT5T1X4G-L2-UV = 2X28 Watts  
 KT5T2X2G-L3UV = 3X14 Watts  
 KT5T2X4G-L3UV = 3X28 Watts

#### Ballast Factor @ 120V

KT5T1X4G-L2-UV = 0.98  
 KT5T2X2G-L3-UV = 0.93  
 KT5T2X4G-L3-UV = 0.90

#### Ballast Factor @277V

KT5T1X4G-L2-UV = 0.99  
 KT5T2X2G-L3-UV = 0.93  
 KT5T2X4G-L3-UV = 0.90

#### Ballast Factor @347V

KT5T1X4G-L2-UV = 0.95  
 KT5T2X2G-L3-UV = 0.93  
 KT5T2X4G-L3-UV = 0.95

Total Harmonic Distortion  $\leq 7.5\%$

**Operation Frequency:** 40kHz—60kHz

**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:** Instant / Program Start

**Input Voltage:** AC 120V-277V, 347V

**Input Frequency:** 50/60 Hz

**Ballast Life:** 50,000 hours

#### Warranty:

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

**Approvals:** UL and cUL

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

### How To Order

Series	Length	Cover	Lamps	Voltage
KT5T	1' X 4' = 1X4 (available in 2 lamp only)	G = Grill	2 Lamps = L2	120-277V = UV
	2' X 2' = 2X2	D = Diffuser	3 Lamps = L3	347V
	2' X 4' = 2X4		4 Lamps = L4 (special order)	

07/2018