

# TUBES

## T8 REWIRE

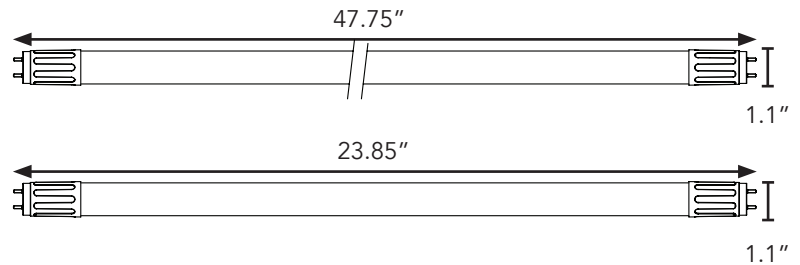


### Product Description

Kobi Electric LED T8 Rewire tubes are low maintenance and energy efficient alternatives for traditional T12 and T8 fluorescent lamps. They are designed for 90-277 VAC single ended power from mains, and have a dedicated internal driver, rendering the fluorescent ballast unnecessary. Kobi Electric T8's have an industry leading wide beam angle, making them perfect for reflector equipped fixtures and wall-mount applications. They are UL and DLC certified and should be installed with non-shunted lamp holders.

### SPECIFICATIONS

EQUIVALENT	17, 32 and 40 Watt Fluorescent
AVERAGE RATED LIFE	50,000 hrs
Dimming	No
BASE	Medium Bi-Pin - G13
POWER	90-277V, 60Hz
LENS	Polycarbonate, Frosted and Clear
BEAM	320°
COLOR (K)	4100, 5000



### BENEFITS

- Eliminates fluorescent lamp and ballast maintenance costs
- Longer, more energy efficient life than fluorescent
- Suitable for indoor/damp locations and sheltered outdoor use
- Mercury and Lead free, UV and IR free
- Instant on to full brightness

### Application Notes

1. Operating temperature range between -20°C and +45°C (-4°F and +113°F)
2. Not for use with emergency light fixtures or exit lights
3. Ballast bypass required, wiring direct to mains voltage

This device complies with Part 15 of the FCC rules and has been tested and found to comply with the limits for a Class B digital device. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

### CERTIFICATIONS



LM79 reports are available upon request.



Based on 12 hours of use per day.

## ORDERING INFORMATION

### T8 2'

Order Code	Part Number	Wattage (W)	Equals (W)	Base	Lens	Voltage (V)	CCT <sup>1</sup>	Typical Lumens <sup>2</sup>	CRI <sup>3</sup>	Dim	Illum. Area	DLC QPL	Case Quantity
K8L5	LED-T8F-2-1000-41-NB	10	17	G13	Frosted	90-277	4100	1000	82	No	320°	Yes	25
K0N2	LED-T8F-2-1000-50-NB	10	17	G13	Frosted	90-277	5000	1000	81	No	320°	Yes	25
K4N2	LED-T8C-2-1000-41-NB	10	17	G13	Clear	90-277	4100	1000	82	No	320°	No	25
K4N3	LED-T8C-2-1000-50-NB	10	17	G13	Clear	90-277	5000	1000	82	No	320°	No	25

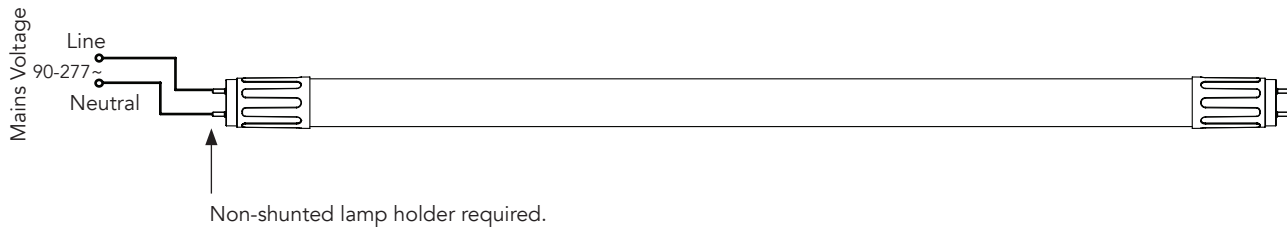
### T8 4'

Order Code	Part Number	Wattage (W)	Equals (W)	Base	Lens	Voltage (V)	CCT <sup>1</sup>	Typical Lumens <sup>2</sup>	CRI <sup>3</sup>	Dim	Illum. Area	DLC QPL	Case Quantity
K5N7	LED-T8F-4-1600-50-NB	16	32	G13	Frosted	90-277	5000	1800	80	No	320°	No	25
K8L3	LED-T8F-4-1800-41-NB	18	32	G13	Frosted	90-277	4100	1800	83	No	320°	Yes	25
K0N0	LED-T8F-4-1800-50-NB	18	32	G13	Frosted	90-277	5000	1800	80	No	320°	Yes	25
K8L4	LED-T8F-4-2350-41-NB	22	40	G13	Frosted	90-277	4100	2200	83	No	320°	Yes	25
K0N1	LED-T8F-4-2200-50-NB	22	40	G13	Frosted	90-277	5000	2200	80	No	320°	Yes	25
K4N4	LED-T8C-4-1800-41-NB	18	32	G13	Clear	90-277	4100	1800	82	No	320°	No	25
K4N5	LED-T8C-4-1800-50-NB	18	32	G13	Clear	90-277	5000	1800	81	No	320°	No	25
K4N6	LED-T8C-4-2200-50-NB	22	40	G13	Clear	90-277	5000	2200	81	No	320°	No	25

1. Thermally stable typical CCT (±10%) 2. Thermally stable typical lumens (±10%) 3. CRI - Color Rendering Index

## SINGLE ENDED WIRING DIAGRAM

Detailed installation instructions available at [kobielectric.com](http://kobielectric.com)



For the most up-to-date specifications, visit [kobielectric.com](http://kobielectric.com).