



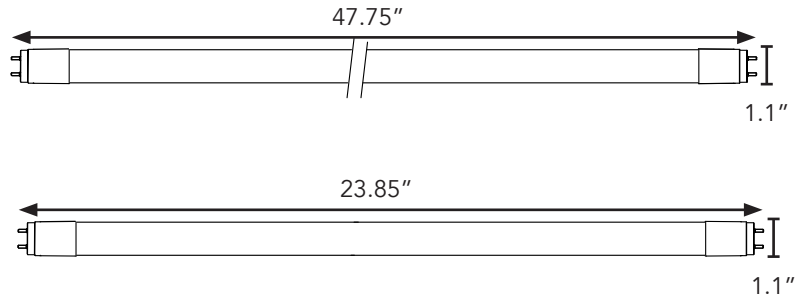
LINEAR T8 TUBES REWIRE

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 120-277 VAC single ended power from mains, and have a dedicated internal driver, rendering the fluorescent ballast unnecessary. Kobi Electric T8's have a wide field angle, making them perfect for reflector equipped fixtures and wall-mount applications. They are UL Classified and should be installed with non-shunted lamp holders.

SPECIFICATIONS

| | |
|--------------------|------------------------|
| EQUIVALENT | 17-40 Watt Fluorescent |
| AVERAGE RATED LIFE | 50,000 hrs |
| DIMMING | No |
| BASE | Medium Bi-Pin - G13 |
| POWER | 120-277V, 60Hz |
| BEAM ANGLE | 115°-190° |
| FIELD ANGLE | 180°-320° |
| COLOR (K) | 3500, 4000, 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

CERTIFICATIONS



LM79 reports are available upon request.

Based on 12 hours of use per day.

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.

LINEAR T8 TUBES REWIRE

ORDERING INFORMATION

PET GLASS 2'

| Order Code | Part Number | Wattage (W) | Base | Lens | Voltage (V) | CCT ¹ | Typical Lumens ² | CRI ³ | Dim | Beam Angle | Field Angle | Case Quantity | DLC QPL |
|------------|---------------|-------------|------|---------|-------------|------------------|-----------------------------|------------------|-----|------------|-------------|---------------|---------|
| K5P8 | T8-F2-835-RMV | 8 | G13 | Frosted | 120-277 | 3500 | 950 | 81 | No | 190° | 320° | 25 | Yes |
| K5P9 | T8-F2-840-RMV | 8 | G13 | Frosted | 120-277 | 4000 | 1000 | 81 | No | 190° | 320° | 25 | Yes |
| K6P0 | T8-F2-850-RMV | 8 | G13 | Frosted | 120-277 | 5000 | 1000 | 82 | No | 190° | 320° | 25 | Yes |

PLASTIC 2'

| Order Code | Part Number | Wattage (W) | Base | Lens | Voltage (V) | CCT ¹ | Typical Lumens ² | CRI ³ | Dim | Beam Angle | Field Angle | Case Quantity | DLC QPL |
|------------|----------------------|-------------|------|---------|-------------|------------------|-----------------------------|------------------|-----|------------|-------------|---------------|---------|
| K8L5 | LED-T8F-2-1000-41-NB | 10 | G13 | Frosted | 90-277 | 4100 | 1000 | 82 | No | 115° | 320° | 25 | No |
| K0N2 | LED-T8F-2-1000-50-NB | 10 | G13 | Frosted | 90-277 | 5000 | 1100 | 81 | No | 115° | 320° | 25 | No |
| K4N2 | LED-T8C-2-1000-41-NB | 10 | G13 | Clear | 90-277 | 4100 | 1000 | 82 | No | 115° | 180° | 25 | No |
| K4N3 | LED-T8C-2-1000-50-NB | 10 | G13 | Clear | 90-277 | 5000 | 1000 | 82 | No | 115° | 180° | 25 | No |

PET GLASS 4'

| Order Code | Part Number | Wattage (W) | Base | Lens | Voltage (V) | CCT ¹ | Typical Lumens ² | CRI ³ | Dim | Beam Angle | Field Angle | Case Quantity | DLC QPL |
|------------|----------------|-------------|------|---------|-------------|------------------|-----------------------------|------------------|-----|------------|-------------|---------------|---------|
| K6P1 | T8-F4-1535-RMV | 15 | G13 | Frosted | 120-277 | 3500 | 1900 | 81 | No | 190° | 320° | 25 | Yes |
| K6P2 | T8-F4-1540-RMV | 15 | G13 | Frosted | 120-277 | 4000 | 1900 | 81 | No | 190° | 320° | 25 | Yes |
| K6P3 | T8-F4-1550-RMV | 15 | G13 | Frosted | 120-277 | 5000 | 1900 | 82 | No | 190° | 320° | 25 | Yes |
| K6P7 | T8-F4-2235-RMV | 22 | G13 | Frosted | 120-277 | 3500 | 2650 | 82 | No | 190° | 320° | 25 | Yes |
| K6P8 | T8-F4-2240-RMV | 22 | G13 | Frosted | 120-277 | 4000 | 2800 | 81 | No | 190° | 320° | 25 | Yes |
| K6P9 | T8-F4-2250-RMV | 22 | G13 | Frosted | 120-277 | 5000 | 2850 | 82 | No | 190° | 320° | 25 | Yes |

PLASTIC 4'

| Order Code | Part Number | Wattage (W) | Base | Lens | Voltage (V) | CCT ¹ | Typical Lumens ² | CRI ³ | Dim | Beam Angle | Field Angle | Case Quantity | DLC QPL |
|------------|----------------------|-------------|------|----------------|-------------|------------------|-----------------------------|------------------|-----|------------|-------------|---------------|---------|
| K6P4 | T8-S4-1535-RMV | 15 | G13 | Clear Striated | 120-277 | 3500 | 1950 | 82 | No | 115° | 180° | 25 | Yes |
| K6P5 | T8-S4-1540-RMV | 15 | G13 | Clear Striated | 120-277 | 4000 | 2000 | 82 | No | 115° | 180° | 25 | Yes |
| K6P6 | T8-S4-1550-RMV | 15 | G13 | Clear Striated | 120-277 | 5000 | 2000 | 83 | No | 115° | 180° | 25 | Yes |
| K8L3 | LED-T8F-4-1800-41-NB | 18 | G13 | Frosted | 90-277 | 4100 | 1800 | 83 | No | 115° | 320° | 25 | No |
| K0N0 | LED-T8F-4-1800-50-NB | 18 | G13 | Frosted | 90-277 | 5000 | 1800 | 80 | No | 115° | 320° | 25 | No |
| K8L4 | LED-T8F-4-2350-41-NB | 22 | G13 | Frosted | 90-277 | 4100 | 2400 | 83 | No | 115° | 320° | 25 | No |
| K0N1 | LED-T8F-4-2200-50-NB | 22 | G13 | Frosted | 90-277 | 5000 | 2600 | 80 | No | 115° | 320° | 25 | No |
| K4N4 | LED-T8C-4-1800-41-NB | 18 | G13 | Clear Striated | 90-277 | 4100 | 2100 | 82 | No | 115° | 180° | 25 | No |
| K4N5 | LED-T8C-4-1800-50-NB | 18 | G13 | Clear Striated | 90-277 | 5000 | 2850 | 81 | No | 115° | 180° | 25 | No |

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



SINGLE ENDED WIRING OVERVIEW



↑ Non-shunted lamp holder

If not qualified, do not attempt installation.

Accessories Sold Separately

| Order Code | Part Number | Descriptions |
|------------|-------------|--|
| K3R0 | G13-T8-S | Tombstone, Non-Shunted |
| K3R3 | G13-T8-4 | Tombstone, 4-Socket Harness, Non-Shunted |