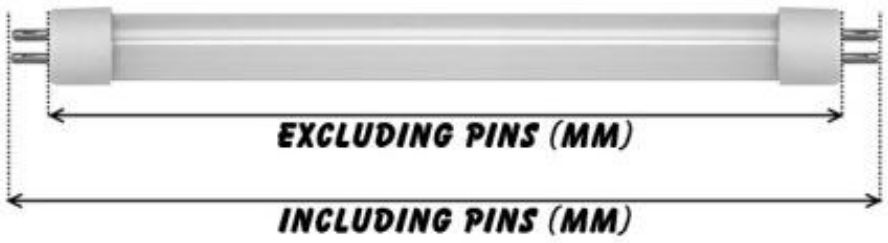
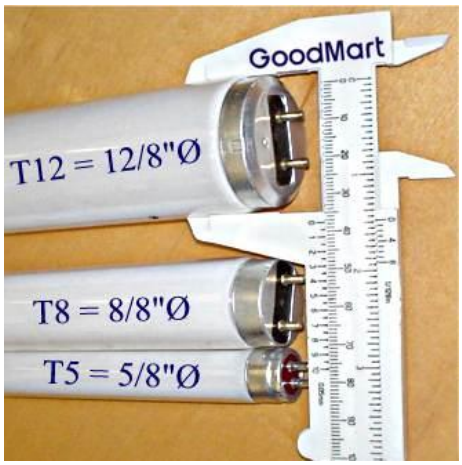
How to identify linear fluorescent tubes for replacement with LED

1. Measure the maximum overall length (M.O.L.) of the tube from Pin to Pin. Measure in 1/8's of an inch increments



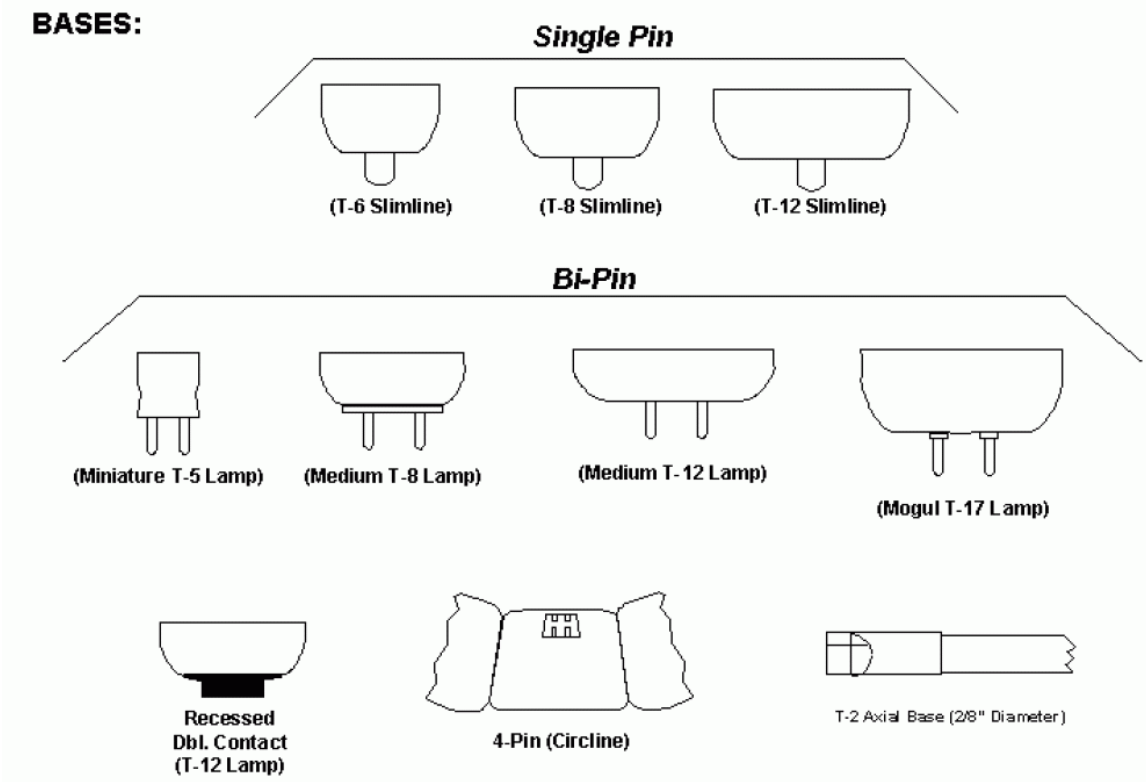
2. Measure the length of the tube excluding pins. Measure in 1/8's of an inch increments.

3. Measure the diameter by placing tape across the lamp and measure in 1/8's of an inch.



4. Linear tubes are manufactured with a variety of base types. Compare the base on the existing tube with the diagrams below.

BASES:



Mini Bi-Pin base is used mostly for T5 diameter tubes. It is a smaller version of the MBP contact base.

Medium Bi-Pin (MBP) base is used for both T12 and T8 diameter tubes. Typically found on lamps from one foot through five feet in length.

Single Pin (SP) base is used on both T12 and T8 diameter fluorescent tubes. Also referred to as Slimline lamps. Typically found on lamps four feet through eight feet in length.

Recessed Double Contact (RDC) base is used primarily in high current output (HO) lamps for very cold operating environments. Typically found on lamps two feet through eight feet in

Tube Diameters
T5 5/8 inch diameter (T=tubular shape, 5/8 = 0.625")
T6 3/4 inch diameter (T=tubular shape, 6/8 = 3/4")
T8 1 inch diameter (T=tubular shape, 8/8 = 1")
T12 1 1/2 inch diameter (T=tubular shape, 12/8 = 1 1/2")

5. Take photos of the tube base for a positive ID
6. Take photos of the printed label on the tube itself for a positive ID