

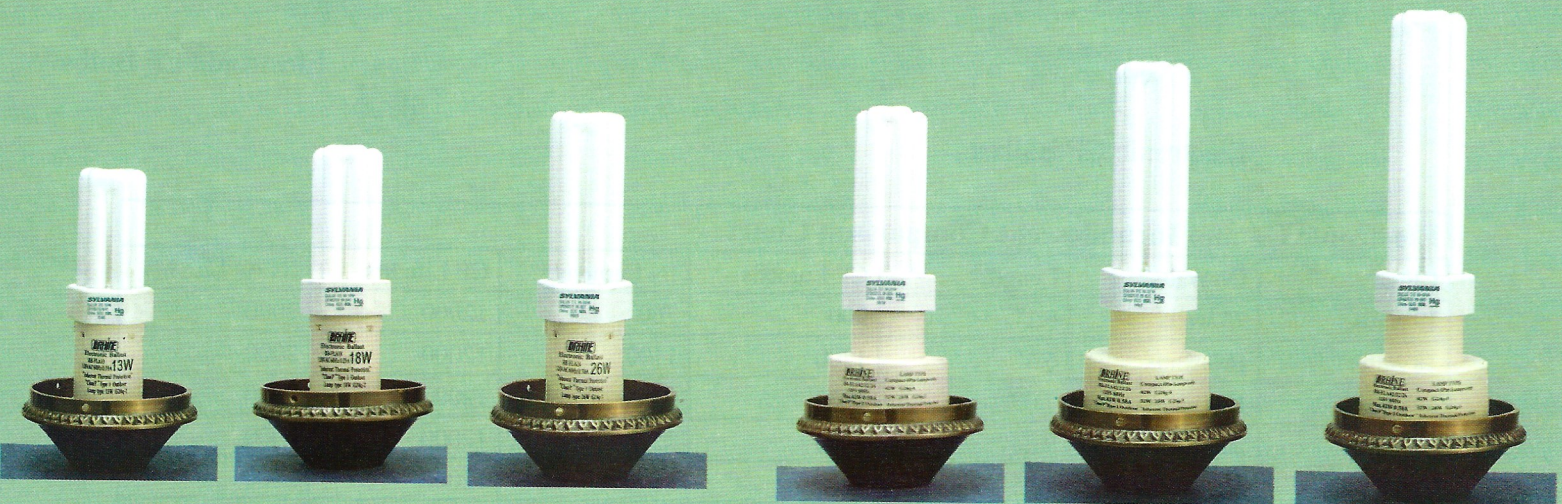
# The Electronic Compact Fluorescent Story . . .

- There are two main types of fluorescent lighting used with antique style fixtures. One is the curly bulb that can be screwed into normal medium based sockets. These bulbs are made by over 500 factories with little quality control and have no Energy Star rating. But, the newest type bulb is now precision controlled by an electronic chip and is called the “Electronic Compact Fluorescent” or often simply called “ Electronic CF”.
- Old curly fluorescent bulbs give varying results... from zero energy savings to an unknown factor. This page ONLY discusses the new, more sophisticated, “Electronic CF” which will be referred to as “CF”.
- Why “CF” over Curly Bulbs ?
  - a. CF is simply more efficient. The electronic chip CF system has an Energy Star 4 rating and all CF wattages are 6 times more energy efficient than incandescent.
  - b. Dedicated sockets. You choose the wattage to be used and it remains that specified wattage.
  - c. Choice of bulb hue. Four hues, in each wattage, Warm to cool white. (see chart with Kelvin ratings on the next page)
  - d. Long life. CF bulbs are rated at 12,000 hours life while incandescent are only 1000 to 2500 hrs.
  - e. Instant “on”. Electronic ballasts with micro circuitry, are truly dedicated and efficient to give light the instant you turn on the switch. Larger watt bulbs give full light within approximately 15 seconds.
  - f. A circuit that is dedicated to a specific total amperage or (wattage) is totally safe from over-loads. Once dialed in to satisfaction, correct wattage bulbs and type must always be used. Sockets are dedicated to YOUR specified lighting levels and costs. Running costs are therefore predictable.

Converting an antique reproduction fixture can be easy or difficult depending on which fixture and shade that are chosen. Large commercial fixtures using large shades are the easiest and a wider selection of options are available for those. Smaller shades can cause minor problems. Sometimes the CF bulb will protrude from a small shade or sometimes a shade fitter will not allow the CF ballast/socket to be installed. It's best to discuss all the CF options available with our tech support.



We modify antique designs to accommodate the CF option for beauty & Energy Star 4 rated efficiency.



Wattage specific sockets/ballasts for smaller fitters & shades.  
13w, 18w and 26w available

The universal socket for larger commercial fitters & shades. This socket accepts three wattages of CF bulbs. They are: 26w, 32w and 42w