

Fluorescent Lamps

Replacement Guide

As stated in the introduction there are many energy saving lamps which can directly replace standard fluorescent lamps. The following chart is a replacement guide showing manufacturer's recommended replacements for standard fluorescent lamps. All of the replacements in this chart are direct retrofits and should not require a ballast change. It is also suggested that different types of lamps (i.e. energy saving and standard lamps) not be used together in the same fixture. One last important consideration before switching any lamps is the location of the fixture. Energy saving lamps, designated by a /ES in the product listings of this catalog, are recommended for operation where ambient temperatures are 60 degrees Fahrenheit or higher. Lamp flickering may occur if lamps are located in a cool place or are directly exposed to a strong air draft.

Another popular retrofit option is the T-8 lamp. T-8's (F32T8) are designed for the same applications as 4 foot F40 lamps. Often they are used to retrofit existing fixtures by replacing the old T-12 ballast with a new T-8 electronic or T-8 magnetic ballast and then installing T-8 lamps. T-8 lamps are also available in U-tubes with 1-5/8 inch and 6 inch leg spacing and as 2 foot or 3 foot straight tubes.

<i>From Standard Fluorescent Lamps</i>		<i>To Energy Saving Fluorescent Lamps</i>	
<i>Lamp Type</i>	<i>Lamp Watts</i>	<i>Lamp Type</i>	<i>Lamp Watts</i>
<i>Rapid Start T-12 Lamps</i>			
F40T12	40	F40T12/EW	34
F30T12	30	F30T12/EW	25
F40T12/U3	40	F40T12/U3/EW	35
F40T12/U6	40	F40T12/U6/EW	34
<i>Instant Start Lamps</i>			
F48T12	39	F48T12/EW	30
F96T12	75	F96T12/EW	60
<i>High Output Lamps</i>			
F48T12/HO	60	F48T12/HO/EW	55
F96T12/HO	110	F96T12/HO/EW	95
<i>Very High Output Lamps</i>			
F48PG17/VHO	110	F48PG17/VHO/EW	95
F96PG17/VHO	215	F96PG17/VHO/EW	185
F96T12/VHO	215	F96T12/VHO/EW	185