



LIGHT BULB CHANGES EXPLAINED

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CONTACT US FOR ALL YOUR LIGHT BULB QUESTIONS

NEWTON ELECTRICAL SUPPLY
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Fluorescent Tubes

On July 1, 2012, many common T12 fluorescent tubes will no longer be allowed to be produced. They will no longer meet the efficiency standards. There are also some less efficient T8 lamps that will also be affected.

Are regular light bulbs as we know them going away? Yes, but not all at once. Will I have to buy Fluorescent and LED bulbs? No, there are other choices.



A-lamps
"regular"
light bulbs



Reflector Bulbs



Fluorescent
Tubes



Common T12 lamps that will no longer be made:

F40T12 and F34T12 - 4ft.T12 bipin

F96T12 and F96T12SS - 8ft.T12 single pin

F96T12HO and HOSS - 8ft.T12 high output

FB40CW/6 - 2ft.T12 U-bent

There are T8 tubes that will fit into the same socket that holds the T12 tubes, but the ballast in the fixture that makes the tubes light need to be changed from a T12 ballast to a T8 ballast. This change will most likely require an electrician.

Common T8 lamps that will no longer be made:

F32T8 <2850 lumens - 4ft.T8 bipin

FB32T8 <2850 lumens - 2ft.T8 U-bent

F96T8 <5723 lumens - 8ft.T8 single pin

F96T8HO <7912 lumens - 8ft. T8 high output

T8 lamps that qualify are already on the market, including all 80 and 90CRI product. The T8 lamps that do not qualify are typically the 70CRI product. (CRI = color rendering index)

If you have questions about any light bulb, please contact us!

Reflector Lamps

In July 2012, many existing reflector lamps will be changing to more efficient versions, similar to the A-lamp changes. Some common reflector lamps are exempt from the changes until July 2013.

Common Reflector Lamps that are changing:



PAR 20 Halogen

Current Watts	New Watts
50	40



PAR 30 Halogen

Current Watts	New Watts
50	40
75	50



PAR 38 Halogen

Current Watts	New Watts
60	50
75	60
90	70



R20 Halogen

Current Watts	New Watts
50	35



R30 Halogen

Current Watts	New Watts
60	50



R40 Halogen

Current Watts	New Watts
75	50
100	80

Common Reflector Lamps NOT changing until July: 2013:



65 Watt BR30



65 Watt BR40



45 Watt R20

There are changes happening constantly - we will keep you informed with the latest changes.

This is a general list of the most common reflector bulbs. If there is a specific light bulb you are interested in that is not listed above, please contact us!

EXPERT ADVISE: GET ANSWERS TO ALL YOUR LIGHT BULB QUESTIONS

Beginning Jan. 1, 2012, throughout the U.S. incandescent light bulbs must meet more stringent lumens/watt requirements. **In other words, the bulbs must produce the same amount of lumens (light output) for less wattage (energy).**

The changes begin with the 100 watt everyday incandescent light bulb, which must not use no more than 72 watts to produce a comparable brightness. Additional bulbs will be affected over the next several years.

Newton Electrical Supply and A.D.Cola Lighting created this guide to help you to understand the changes in light bulbs. Please contact us with any questions you may have regarding the new requirements. Our lighting experts are happy to help!



A - Lamps

Regular light bulbs as we currently know them are changing, but the new bulbs will still look and work much like we are used to. They will be more efficient by using halogen and xenon gases. The new bulbs will be rated by lumens, or the measurement of light output, instead of wattage. Compact Fluorescent (CFL) and LED bulbs will also meet the new standards.



A-lamp changes are taking place in phases.

The first bulb to change will be the 100 watt bulb.

As of January 1, 2012, manufacturers will only be able to ship the new 72 watt bulbs. This will be the same for the other bulbs on the dates listed. The most common 60 watt bulb will still be around until 2014.

All of the new bulbs are currently available.

All values for new bulbs are approximate. Wattages, lumens, life, and cost may vary slightly from manufacturers. Cost based on major brand manufacturer.

All manufacturers must conform to the same standards for the new light bulbs.

*Savings based on \$.10 per kwh

January 1, 2012 100 Watt bulb *changing to* 72 Watt bulb \$2.80 savings over the life of the bulb*

A-LAMPS	EXISTING BULB	NEW BULB	CHANGE
Watts	100	72	28 watts less
Light Output	1710 lumens	1490 lumens	13% less bright
Life	750	1000	250 hours longer
Cost	\$0.75 each	\$2.75 each	\$2.00 more

January 1, 2013 75 Watt bulb *changing to* 53 Watt bulb \$2.20 savings over the life of the bulb*

A-LAMPS	EXISTING BULB	NEW BULB	CHANGE
Watts	75	53	22 watts less
Light Output	1190 lumens	1050 lumens	12% less bright
Life	750	1000	250 hours longer
Cost	\$0.75 each	\$2.75 each	\$2.00 more

January 1, 2014 60 Watt bulb *changing to* 43 Watt bulb \$1.70 savings over the life of the bulb*

A-LAMPS	EXISTING BULB	NEW BULB	CHANGE
Watts	60	43	17 watts less
Light Output	870 lumens	750 lumens	14% less bright
Life	1000	1000	Same life
Cost	\$0.75 each	\$2.75 each	\$2.00 more

January 1, 2014 40 Watt bulb *changing to* 29 Watt bulb \$1.10 savings over the life of the bulb*

A-LAMPS	EXISTING BULB	NEW BULB	CHANGE
Watts	40	29	11 watts less
Light Output	470 lumens	410 lumens	13% less bright
Life	1500	1500	Same life
Cost	\$0.75 each	\$2.75 each	\$2.00 more