

Self-audit product form

By using this form, you agree to take full responsibility for your safety as well as your belongings, and agree to use this program solely at your own risk. Lawyers out.

Lighting to replace

Examples of Typical Incandescents



Incandescent and halogen bulbs are energy hogs. They use 7-10 times more electricity than LED bulbs to produce the same amount of light! CFLs, while efficient, still use twice the energy of an LED, and also contain mercury, a known neurotoxin. LEDs should also last more than a decade before you have to replace them again.

Typical Halogens



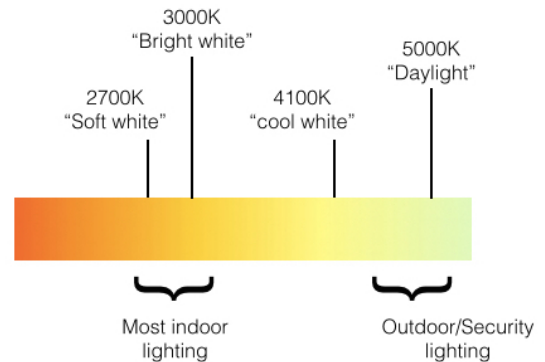
Watts (Energy use)



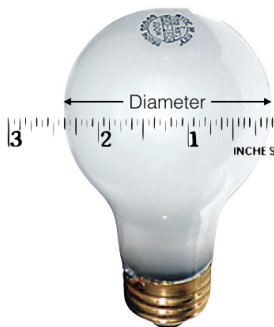
On the left, you can see examples of typical looking incandescent and halogen bulbs, and usually you can read how many watts they use - either on the top or the side of the bulb.

Getting the right color

You will want to get the right color for your light fixtures. LEDs come in every color nowadays, so if you like the color of the lights you have now, you can simply replace them with a matching color LED. To the right is a color guide - 2700K is the most common color for indoor applications. If you want to really set the mood, 2200K lights are available, too. Outside / security lights are typically 5000K (also for offices, hospitals, etc., 4100-5000K are preferable colors).

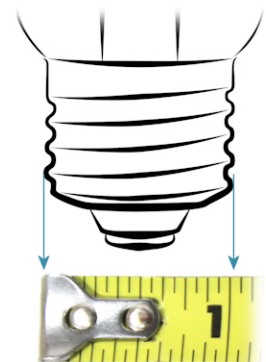


Matching the size










Getting the right size bulbs is important so as to make sure the replacements you get fit the fixture they go in, whether it's a recessed can, sconce, lamp, or a chandelier.









There are two basic things to measure. The diameter of the bulb itself, at its widest point, as demonstrated at left, and the width of the base, as demonstrated above, right. This bulb, for example, would be 2 $\frac{3}{8}$ inches across at its widest on the bulb, and have a 1 inch base.



















Ready to begin? Here's a basic tally sheet. Please indicate in the yellow fields if you're interested in receiving more information about that particular product.

Tools you may need: tape measure, step ladder, screwdriver, pliers to remove fixture covers. **(Again, you do all this at your own risk!).**

Row	Bulb shape	Width of bulb (inches)	Width of base (inches)	Watts on bulb (range)	Typical use	# of 2700 K	# of 3000 K	# of 5000 K
1		1 $\frac{7}{8}$	1	32-40	Lamps and inside fridge			
2		2 $\frac{3}{8}$	1	43-100	Anywhere			
3		2 $\frac{5}{8}$	1	78-100	Anywhere			
4		1 $\frac{3}{8}$	1	25-60	Chandeliers, fans, sconces			
5		1 $\frac{3}{8}$	12mm (0.47in)	25-60	Chandeliers, fans, sconces			
6		2	pins	45-55	Track, spotlight			
7		2	anchors	45-55	Track, spotlight			

8		2	12mm (0.47in)	20-40	Bathroom vanities, fans			
9		3 1/8	1	25-60	Bathroom vanities			
10		1/2	pins	25-40	Specialty fixtures			
11		2 1/2	1	45-75	Range hoods, recessed in ceiling			
12		3 3/4	1	45-75	Recessed in ceiling			
13		4 1/2	1	55-85	Recessed in ceiling			
14		3 3/4	1	50-75	Flood/Spo t Lights			
15		4 3/4	1	90-250	Flood/Spo t Lights			

Row	Product		How many?
16	Advanced power strip - good for entertainment centers and computers		
17	Timer - good for things that can be powered off at regular intervals.		
18	High efficiency faucet fixture (Quarter size)		
19	High efficiency junior size Faucet fixture (Nickel Size)		
20	Kitchen sink swivel head aerator		
21	High efficiency shower head (fixed)		# of Chrome: _____ # of Brushed nickel: _____
22	High efficiency showerhead (handheld)		# of Chrome: _____ # of Brushed nickel: _____
23	Shower flow valve		

24	Pull Tab Thermostatic Shower Valves		
25	Toilet Tank Bag		
26	Filter Whistle		
27	Tire Gauge		
28	Clotheslines		
29	Foldable drying rack		
30	Pipe insulation (water heaters)		# feet? _____
31	Water heater blanket		Gallons: __ Height (ft): __