

# Watts to Lumens Conversion Chart

| LED Watts | Incandescent Watts | Lumens    |
|-----------|--------------------|-----------|
| 2-4       | 25                 | 250-400   |
| 3-6       | 40                 | 450-560   |
| 7-10      | 60                 | 740-800   |
| 10-15     | 75                 | 970-1100  |
| 15-20     | 100                | 1380-1600 |
| 20-30     | 150                | 2000-1600 |

## Step 1: Understand Watts

Watts are a measure of energy consumption. When we pay our electric bill, we pay for the number of watts we use. A 60 watt bulb consumes 60 watts of energy. Since we used 60 watt incandescent bulbs for so many years, we associated a certain level of brightness with 60 watts. But we can't do that anymore, since LED technology produces more light while using fewer watts. Instead, we need to use lumens.

## Step 2: Understand Lumens

A lumen is a measure of visible light energy. The higher the lumens, the brighter the light. Lighting manufacturers should tell us how many lumens are produced by each of their products. We see these lumen numbers on the Lighting Facts labels found on all new LED bulb packages. It may take a while to get used to using lumens instead of watts, but it's important in order to make the best lighting choices.

