



What Is the Difference Between Lumens, Watts & Voltage?



Lumens are a measurement of visible light energy. More lumens emit a brighter light. All lighting manufacturers are starting to label how many lumens are produced for each of their lighting products.

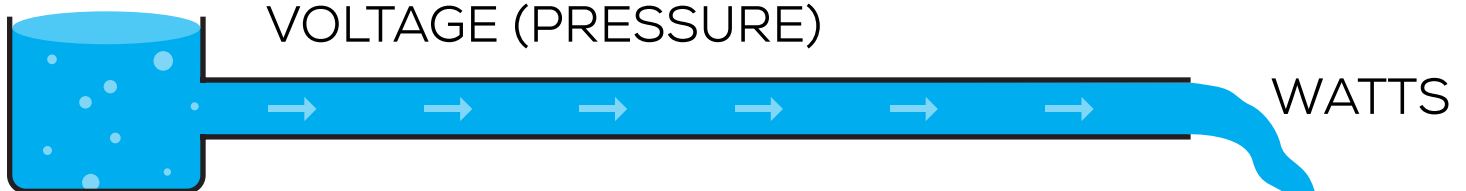


Watts measure energy consumption. When we pay our electric bill, we pay for the number of watts we use. A 60-watt bulb consumes 60 watts of energy, but the lumen output depends on the type of bulb.








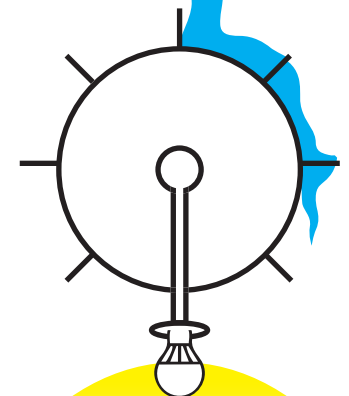
Voltage measures the output of electrical current. The higher the voltage, the greater the power. In the USA voltage typically ranges between AC100-277V, and AC210-480V for high voltage systems.

Water Pipe Analogy



Lumens from Light Source Watts

 LED WATT	 CFL WATT	 HALOGEN WATT	 INCANDESCENT WATT	 LUMENS (LIGHT)
4	6	18	25	250
5	10	29	40	450
7	14	43	60	630
11	22	53	75	1100
18	26	72	100	1600
22	30	100	125	2000
27	35	140	150	2600



LUMENS