Guide | Lumens, Watts & Voltage

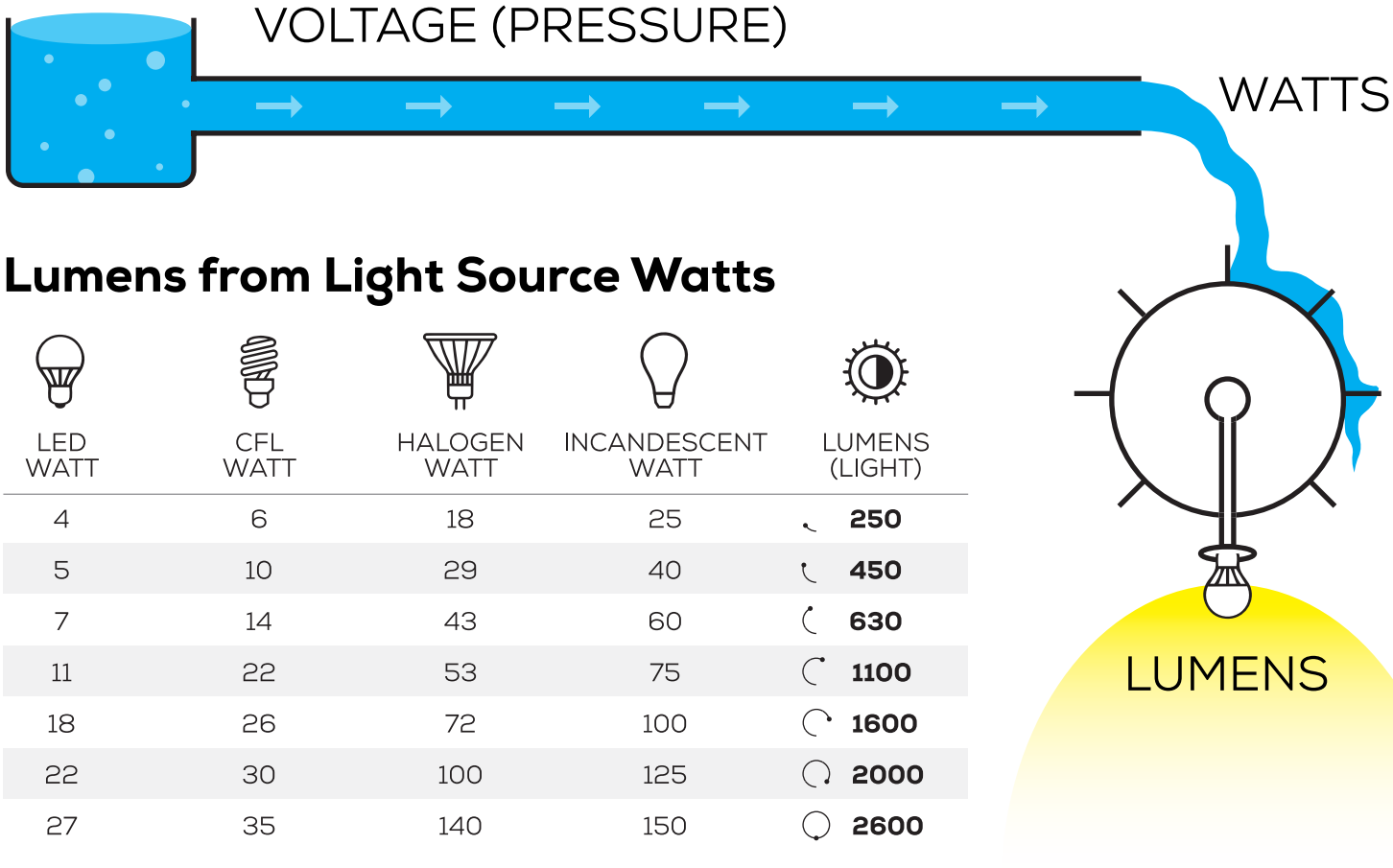
What Is the Difference Between Lumens, Watts & Voltage?

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**

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