

# Lighting Terminology –

What they actually mean

## Lumens

Lumens are a measure of the brightness of a bulb. One lumen is equal to the light of one candle from one foot away.

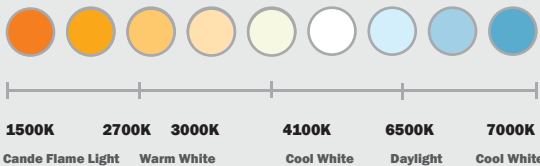


## Watt

Watts measure the amount of energy a bulb uses to produce light. Wattage is the amount of power required to operate an electrical appliance or device.

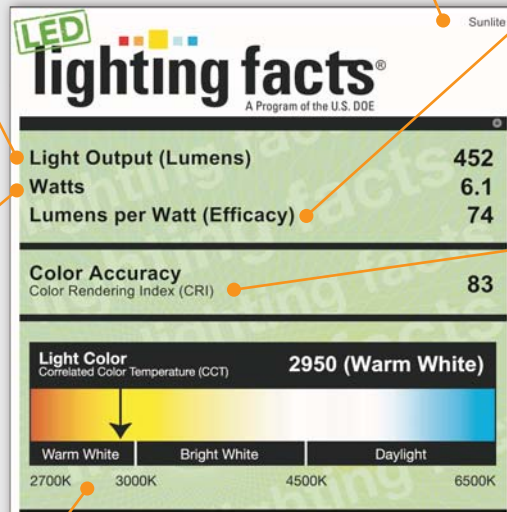
## Kelvins

The color temperature, measured in Kelvins, refers to a lamp's emitted color.



## Brand

The manufacturer.



## Lighting Facts

Per Bulb	
Brightness	700 lumens
Estimated Yearly Energy Cost	\$1.08
Based on 3 hrs/day, 11¢/kWh Cost depends on rates and use	
Life	27.4 years
Based on 3 hrs/day	
Light Appearance	
Energy Used	9 watts

## Life

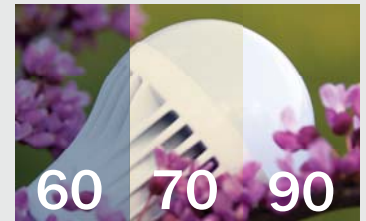
Life of the bulb, based on 3 hours a day work.

## Efficacy

Lumens per Watt measures efficiency. The higher the number, the more efficient the product.

## CRI

The Color Rendering Index (CRI) is a rating scale up to a 100 that rates how accurately a light source can express true color in comparison with an ideal or natural light source.

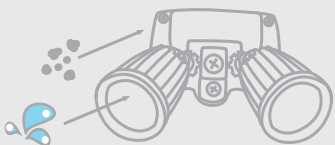


Reasonable CRI    Good CRI    Excellent CRI

## Yearly Cost

Estimated Yearly Energy Cost based on 3 hrs/day 11¢/kWh (cost depends on rates and use)

## IP Rating



Ingress protection rating classifies the degrees of protections provided against the intrusion of solid objects, dust, water in electrical enclosures.

I (First digit) - indicates the level of protection that the enclosure provides against access to hazardous parts and the ingress of solid foreign objects.

P (Second digit) - is the protection of the equipment inside the enclosure against harmful ingress of water.