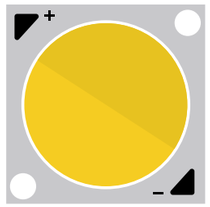
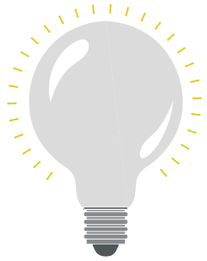
WHAT ARE LEDS?

Light Emitting Diodes are miniature light sources offering increased efficiency, longer lifetime and virtually no infrared or UV emissions, by using semi-conductor technology.



LONGEVITY?

LEDS lamps on average last around 20,000 hours compared to halogen which only last 2,500-4000 hrs.



WATTS, LUMENS AND EFFICIENCY?

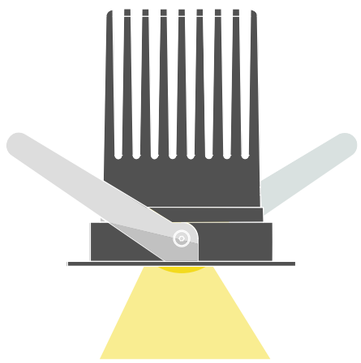
Watts - Watts is the measure of energy consumed - (W)

Lumens - Lumens is a measurement of light output - (Lm)

Efficiency - Efficiency is the number of lumens generated for each for each Watt of energy consumed - (Lm/W)

VIEW 50 FIXED

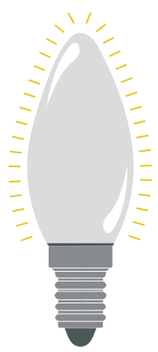
WATTS - 10.5W
LUMENS - 779Lm



= 74W/Lm

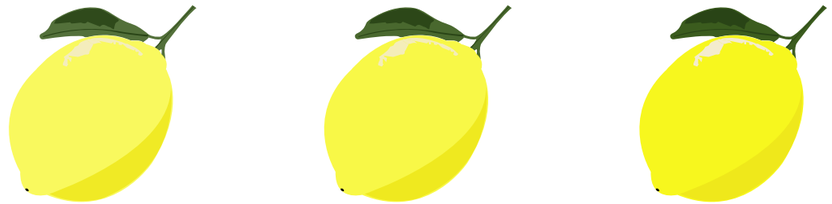
CANDLE LED

WATTS - 4W
LUMENS - 280Lm



= 7W/Lm

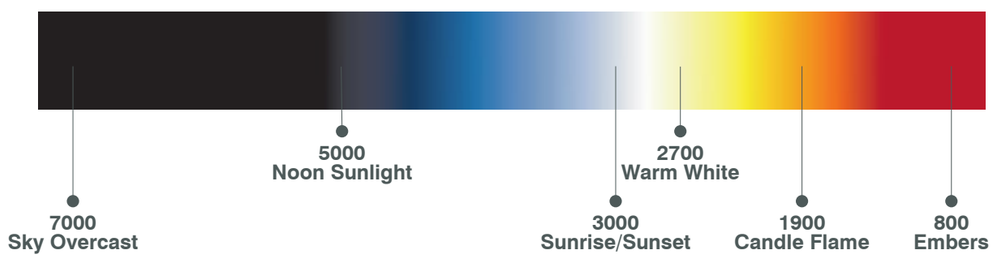
CRI?



70 CRI **80 CRI** **90 CRI**

Simply put, the higher number CRI (Colour Rendering Index) will allow you to see the true colours of what you are trying to illuminate. Good is between 80-90, superior 90+.

COLOUR TEMPERATURE?



White light is produced in different shades as it is made by combining other colours together. A Simple method of describing the colour characteristics of the white light is by using the Kelvin scale.

Very warm white is typically around 2700k - similar to an incandescent lamp.

enigma lightingsolutions