

**Next time you buy a light bulb, consider this...**

Three kinds of light bulbs:



**CFL**  
Compact  
Fluorescent  
Lamp bulb

**LED**  
Light  
Emitting  
Diode bulb

**Incan-  
descent**  
Filament  
bulb



**To receive your LED bulb rebate, contact us at:**

Beaufort Delta Regional Office  
(867) 777-2068  
inuvik@aea.nt.ca

Dehcho Regional Office  
(867) 695-2355  
dehcho@aea.nt.ca

Sahtu Regional Office  
(867) 587-2354  
sahtu@aea.nt.ca

South Slave Regional Office  
(867) 874-3434  
hayriver@aea.nt.ca

Tlicho Regional Office  
(867) 573-3030  
sonny\_zoe@yahoo.com

Yellowknife Office  
(867) 920-3333  
Toll-free 1-877-755-5855  
info@aea.nt.ca

For more information  
contact us at:



ARCTIC ENERGY  
ALLIANCE

aea.nt.ca | 1.877.755.5855

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**LED LIGHT BULBS**

**did you know?**



**LED lighting....  
Saving electricity, saving \$\$!**

**REBATE  
AVAILABLE**

1/2 of LED bulb cost  
to a maximum of \$200  
(hydro communities) and \$400  
(non-hydro communities)

An initiative of the EEIP. Start saving!



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**DID YOU KNOW**

All jokes aside, it really only takes  
one person to put in a light bulb.



## Two kinds of measurements:



### LUMENS

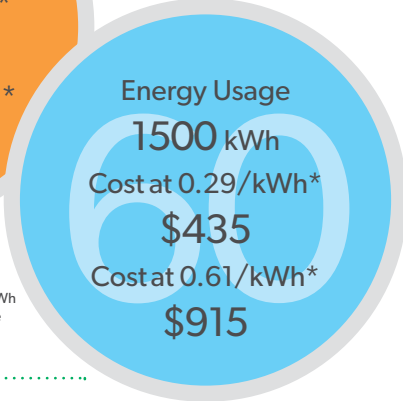
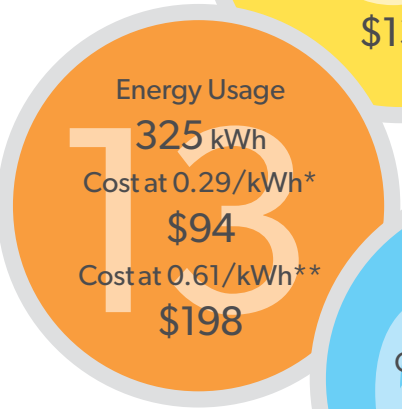
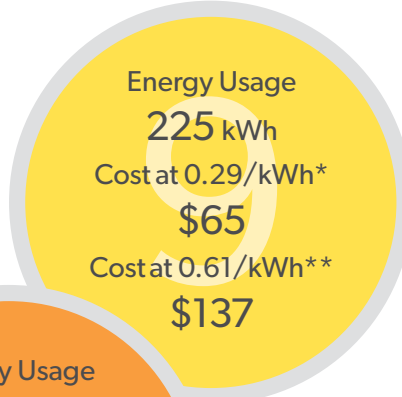
a measurement of how much light is produced, or how bright the bulb is.



### WATTAGE

a measurement of energy required.

## Cost to operate for 25,000 hours:



\*Yellowknife's cost of electricity is \$0.29/kWh  
\*\*Most non-hydroelectric communities have an electricity rate of \$0.61/kWh

## Lets compare...



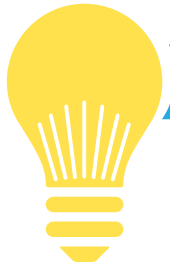
Dimmable?	SOME
Works in the cold?	YES
Long lasting?	YES
Initial Cost?	HIGH
Disposal	ELECTRONIC WASTE



Dimmable?	SOME
Works in the cold?	NO
Long lasting?	YES
Initial Cost?	MEDIUM
Disposal	HAZARDOUS WASTE



Dimmable?	YES
Works in the cold?	YES
Long lasting?	NO
Initial Cost?	LOW
Disposal	REGULAR LANDFILL



**LIGHT APPEARANCE** Refers to colour temperature. The lower the number (ie. 2200K) the more yellow and warmer the light colour. The higher the number (ie. 6500K) the whiter and cooler the light colour.

## Light Colour:

LED and CFL bulbs are available in different colours which are measured in Kelvins (K). This is a measure of the relative warmth of a light source. 3,200K is a typical indoor colour temperature. Bulbs with higher K throw a clean, clear light but do not give a homey feel. If you want a light similar to incandescent bulbs, look for a bulb around 2,700K.

## SUMMARY

Before buying a light bulb, look for:



**Wattage**  
how much electricity it will use



**Brightness**  
low lumens for mood light,  
high lumens for reading



**Colour**  
lower Kelvins gives a more homey feel,  
higher Kelvins gives clear light