

HOW DOES L.E.D. COMPARE?



LED



INCANDESCENT



CFL

IMPORTANT FACTS

Sensitivity to Low Temps
Sensitive to Humidity
On/Off Cycling
Turns on Instantly
Durability
Heat Emitted
Failure Modes

IMPORTANT FACTS

None
No
No Effect
Yes
Very Durable
3.4 BTUs/hour
Not Typical

IMPORTANT FACTS

Some
Some
Some
Yes
Not Very Durable
85 BTUs/hour
Some

IMPORTANT FACTS

Yes
Yes
Yes
No
Not Very Durable
30 BTUs/hour
Yes

ENVIRONMENTAL IMPACT

Contains Mercury
RoHS Compliant
CO2 Emissions

ENVIRONMENTAL IMPACT

No
Yes
451 pounds/year

ENVIRONMENTAL IMPACT

No
Yes
4500 pounds/year

ENVIRONMENTAL IMPACT

Yes
No
1051 pounds/year

ENERGY EFFICIENCY & ENERGY COSTS

Life Span
Watts of Electricity Used
Kilowatts of Electricity Used
Annual Operating Costs

ENERGY EFFICIENCY & ENERGY COSTS

50,000 hours
6-8 watts
329 kWh/year
\$32.85/year

ENERGY EFFICIENCY & ENERGY COSTS

1,200 hours
60 watts
3285 kWh/year
\$328.59/year

ENERGY EFFICIENCY & ENERGY COSTS

8,000 hours
13-15 watts
767 kWh/year
\$76.65/year

LIGHT OUTPUT

Lumens
450
800
1,100
1,600
2,600

LIGHT OUTPUT

Watts
4-5
6-8
9-13
16-20
25-28

LIGHT OUTPUT

Watts
40
60
75
100
150

LIGHT OUTPUT

Watts
9-13
13-15
18-25
23-30
30-55