



LED Lighting

A Sharper, Clearer Light

100% Dedicated to Sustainable Business and Energy Reduction

Save up to 80%
on your current lighting costs
with sharper more intense illumination



Why Should You Switch?

If we said that our lights could save you up to 80% on the electricity you used to light your workplace, and that they would work for up to 10 years without you needing to change a single light, would you be interested?

- Lights that come on in a tenth of a second. Lights that produce a clear daylight colour.
- Lights that give you a RAPID RETURN on INVESTMENT.

Plus

Our LED lights will on average last for 50,000 hours - guaranteed 30,000 hours, that's 6 years if they're on all day, every day, 24/7, or a while 12 - 15 years if you only use them when it's dark!

Carbon Reduction

By reducing the electricity they use they can have a significant effect on a company's Carbon output.

EXPERT ADVICE

For FREE and impartial advice call us now

Tel: 01246 293013

Alternatively email us at:

sales@greenpowerenergy.co.uk

A lifespan of up to 15 years

of night-time illumination

Available in Bulbs or Strip Lights

Our LED Tubes are direct replacements for T5, T8, T10 or T12 fluorescent tubes, meaning you can instantly start saving money by simply switching the bulbs over! We can supply these LED Tubes in any number effectively at great prices to end users and OEM's, as well as through national distributors and wholesale.



Comparison Chart

LED Lights vs. Incandescent Light Bulbs vs. Compact Fluorescents

ENERGY EFFICIENCY AND ENERGY COSTS



Light Emitting Diodes (LEDs)



Incandescent Light Bulbs



Compact Fluorescents

Life Span (average)	50,000 hours	1,200 hours	8,000 hours
Watts of electricity used (equipment to 60 watt bulb)	6-8 watts	60 watts	13-15 watts
Kilo-watts of Electricity used (30 Incandescent Bulbs per year equivalent)	329 KWh / year	3285 KWh / year	767 KWh / year
Annual Operating Cost (30 Incandescent Bulbs per year equivalent)	£20.67	£206.75	£48.23

ENVIRONMENTAL IMPACT

Contains the TOXIC Mercury	No	No	Yes - Mercury is very toxic to your health and the environment.
RoHS Compliant	Yes	Yes	No - contains 1mg - 5mg of Mercury and is a major risk to the environment.
Carbon Dioxide Emissions (30 bulbs per year) LED consumption decreases CO2 emissions	451 pounds / year	4500 pounds / year	1051 pounds / year

LIGHT OUTPUT

Lumens	Watts	Watts	Watts
450	4-5	40	9-13
800	6-8	60	13-15
1,100	9-13	75	18-25
1,600	16-20	100	23-30
2,600	25-28	150	30-55

Benefits of LED Lightbulbs

Long-lasting - LED bulbs last up to 10 times as long as compact fluorescents, and far longer than typical incandescents.

Durable - since LEDs do not have a filament, they are not damaged under circumstances when a regular incandescent bulb would be broken. Because they are solid, LED bulbs hold up well to jarring and bumping.

Cool - these bulbs do not cause heat build-up; LEDs produce 3.4 btu's/hour, compared to 85 for incandescent bulbs. Common incandescent bulbs get hot and contribute to heat build-up in a room. LEDs prevent this heat build-up, thereby helping to reduce air conditioning costs in the home.

Mercury-free - no mercury is used in the manufacturing of LEDs.

More efficient - LED light bulbs use only 2-17 watts of electricity (1/3rd to 1/30th of Incandescent or CFL). LED bulbs used in fixtures inside the home save electricity, remain cool and save money on replacement costs since LED bulbs last so long.

Cost-effective - although LEDs are initially expensive, the cost is recouped over time and in battery savings. LED bulb use was first adopted commercially, where maintenance and replacement costs are expensive. But the cost of new LED bulbs has gone down considerably in the last few years. and are continuing to go down.

Contact Us

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