

What to expect from one of our Historic Property Lighting Reviews

The creation of a full asset list detailing all of your lighting applications by type and location. The best option to replace each light will be recommended along with the following key information necessary to review which improvements should be prioritised:

1. The cost to replace it
2. The expected lifetime of that product
3. The breakeven point (when the savings pay for the light)
4. The estimated total savings that it will make over its lifetime, and
5. Its impact on the environment

Payback period	Short-term	Mid-term	Long-term
Timescale	< 24 months	24 - 60 months	> 60 months
Lightsources reviewed	Lamps, Fittings, Art Lights & Fibre Optic Systems		

Illustration of indicative energy saving

The following estimations are based on 8 hours a day, 5 days a week for 50 weeks a year with an electricity cost of 15p/kWhr.

	Example of some lamps			
	40W Candle	60W GLS	15W Mini Candle	50W GU10
Total Year 1 Savings*	£14.80	£20.33	£23.24	£17.13
Lamp Life (25,000Hrs+) years	12.5	12.5	12.5	12.5
Lamp Life Savings	£185.00	£254.13	£290.50	£214.13
Breakeven Point months	6.1	2.9	6.5	5.3
Return on Investment	24.7	51.3	23.2	28.6

* - made up from electricity savings, cost to replace failed old lamps, time to change lamps and a reduced CO2 levy

Information gathered at the time of survey

- Existing light source by type & wattage
- Cost of Electricity
- Running Times Hrs / Days / Weeks

Information presented

- All the above
- Replacement lamp/fitting/art light/fibre optic lightsource

Report overview information

- Cost to purchase
- Expected lifetime of new lamp/tube/fitting (LED)
- Predictive Impact on:
 1. CO2
 2. Annual running costs
 3. Lamp replacement costs
 4. Maintenance costs
- Breakeven Point

Change Over Program

Individual changes prioritised in order of Breakeven Point (traffic light system)

Costs for the complete changeover to our LED range throughout the surveyed property

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