

Using the Cost of Ownership Calculator to compare LED Lamps v Halogen or Fluorescent Lamps where there are Multiple Areas

This calculator has been designed to show the important savings and Pay Back Periods achievable when using LED Lamps. You should be able to use the calculator to compare Halogen or Fluorescent Lamps to Kosnic LED Lamps.

As this Cost of Ownership Calculator deals with sites that have Multiple Areas and probably a range of Lamps or Light Fittings, this will be a bespoke spreadsheet but you should follow these guidelines.

On the Cost of Ownership Calculator sheet, you should change the figures in the following Rows, **Highlighted in YELLOW.**

Cost of Electricity Per KwHr

Insert the cost of the clients Electricity into Cell in Column A. The example has been set as £0.11p per KwHr

Hours Per Year: Insert the number of hours the Lamps will be lit for each year into Column B:

Area: In Column C, Insert a name for the area the lamps / light fittings are being used.

Qty: In Column D, Insert the number of lamps / light fittings are being used in the Area

Existing / Replacement Lamp Type: In Column E, insert the type of lamps being used

Existing / Replacement Lamp Wattage: In Column F, Insert the wattage of the Halogen or Fluorescent Lamp and LED Lamp Wattage into Column D. Remember to add in any Control Gear Wattages!

Existing Lamp Cost: insert the Clients cost of a Halogen / Fluorescent Lamp and the Clients cost of the LED Lamp / Light Fitting into Row G

Existing Lamp Life Hours: Insert the lamp life hours for the Halogen / Fluorescent Lamp and LED Lamp into column H

Repeat the Above process for the Row containing the new LED Lamps

Savings / Payback Period: Once you have made the changes, everything calculates across automatically. The results will be shown under the Savings Row. You will see the cost of the existing lamps over a 3 Year Period and the LED Versions. You will also see a Payback Period.

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