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Case Study

Ottolenghi

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Gastronomic Delights and Energy Savings for Ottolenghi

By replacing its existing lamps with Megaman's AR111 LEDs in all four of its branches Ottolenghi, the London based delicatessen company, has significantly reduced energy consumption and maintenance costs.

The Ottolenghi chain, located at Notting Hill, Islington, Kensington and Belgravia is well known for offering a variety of gastronomic delights either in its shops and delicatessens or in its restaurant that provides Mediterranean, Middle Eastern and Asian food.

As the original lighting at the four locations were 50W halogen light sources, heat emission was a problem in addition to high running costs. Electrical contractors PME Services Ltd were asked to survey the existing lighting and advise on a more eco friendly lighting solution.



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The Megaman AR111 LED offers a direct replacement for halogen spotlights in terms of both colour temperature and intensity without heat generation whilst also providing up to 80% energy saving. With a large reflector and miniaturized burner, the AR111 LED provides remarkable performance levels with its narrow beam optic, in addition to with excellent optical control. With its anti-glare shield and glittering faceted mirror, it achieves pinpoint accuracy from a 45° beam angle and the lightweight heat sink ensures that track spots won't tilt. The AR111 LED is available in two options 15W GU10 and 14W G53 as used at Ottolenghi, both offering a life of up to 50,000 hours. The latter can be used in conjunction with a dimmer switch - a unique driver is required for the G53 version working with DC1-10V dimmer.

Megaman Lamps



14W LED G53 AR111



LED Driver

Annual energy savings

Annual CO₂ reductions: **XXX** tonnes

Annual energy cost savings: **£XXXX**

Payback time: **X** year and **XX** months

Since the installation at Ottolenghi, the energy savings achieved at all four locations has been calculated as a total reduction of 23,608 KWh of electricity per year.

For more information on this project or the Megaman lamps used please contact us:

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