

## **Development of LEDs for energy efficient lighting in households**

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Lighting accounts for over 16% of electricity consumption by households in Western Europe. The use of energy efficient lighting offers potential for considerable savings. LEDs are well-known for their energy efficiency but a major roll out to households has been hindered by the low light output and the high price of LEDs. Oxxio, an energy company in The Netherlands, believes it can help to overcome these barriers by offering the Pharox LED lamp. This lamp has a light output comparable to the traditional bulb but is 90% more energy efficient. Oxxio provides its customers with a way to overcome the higher purchasing costs of a LED lamp.