



# Varmatic Lightmaster



## FEATURES

The **Varmatic Lightmaster** is an energy-saving lighting optimiser, which can **REDUCE LIGHTING BILLS BY UP TO 30% AND REDUCE CARBON EMISSIONS - WITHOUT THE NEED TO UPDATE YOUR EXISTING LIGHTING SYSTEM .**

Electronic switching allows the unit to work on two different modes - **BYPASS** (the unit is not engaged but shows normal consumption levels of lighting energy), and **SUPERSAVE** (savings of up to 30%). The unit is fitted with a kWh meter which measures the energy used on the different modes, thereby enabling customers to see the savings for themselves.



**FRONT PANEL  
FEATURING  
KWH METER**

The **Varmatic Lightmaster** is available in sizes 5KVA to 150KVA, and can be installed in manufacturing facilities, car parks, warehouses - anywhere types of lighting, such as fluorescent or discharge, are used over a large number of hours per day.





## BENEFITS

In addition to the main benefit of cutting lighting costs by up to 30%, there are many other benefits the **Varmatic Lightmaster** can offer your company.

- Universal fit with minimum disruption to other systems when installed
- Additional saving on kWh (since the introduction of the Climate Change Levy in April 2001)
- The payback period for the **Varmatic Lightmaster** is short (examples below in the case studies)
- Accurate costing of lighting for the user due to the multi-meter on front of unit (which measures kW, Voltage and Amperage)
- Low / no maintenance on long life product
- Increased lifespan of associated equipment, e.g. lamps, cabling and electrical fittings due to power reduction
- Reduction in I<sup>2</sup>R losses through the distribution system - transformers and switchgear

In order to demonstrate the level of savings that can be made in different types of businesses, several case studies have been calculated. The workings also show the 0.43p tax per kWh which was introduced in April 2001 by the Climate Change Levy.

**Note: These are only examples of typical industries, prices may differ on individual calculations.**

### Case Study 1 - An Engineering Works

3 phase, 50kW lighting load, operating 24hrs, 7 days/week, 50 weeks/year  
Average kWh cost = 5p/unit + 0.43p tax per kWh = **£22 806.00**

Lightmaster on *Supersave* setting will save **up to 30%** = **£ 6 842.00**

**PAYBACK**  
**within 8/9 months**

### Case Study 2 - A Retail Shop

Single phase, 20kW lighting load, operating 12hrs, 6 days/week, 52 weeks/year  
Average kWh cost = 6p/unit + 0.43p tax per kWh = **£4 815.00**

Lightmaster on *Supersave* setting will save **up to 30%** = **£1 444.00**

**PAYBACK**  
**within 14 months**

### Case Study 3 - A Food Distribution Warehouse

3 phase, 200kW lighting load, operating 24hrs, 7 days/week, 52 weeks/year  
Average kWh cost = 4.5p/unit + 0.43p tax per kWh = **£86 137.00**

Lightmaster on *Supersave* setting will save **up to 30%** = **£25 841.00**

**PAYBACK**  
**within 8 months**

SDC Industries Ltd offer a customised service and tailor their range of products to the specific needs of the customer. If you are interested in the **VARMATIC LIGHTMASTER**, or any of the energy saving products offered by **SDC Industries Ltd**, please contact our Technical Sales department on **01355 265959**.



**OUR SPECIALIST ENGINEERS AT SDC INDUSTRIES LTD WILL BE HAPPY TO SURVEY ANY PREMISES NATIONWIDE FREE OF CHARGE, BEFORE PROVIDING A DETAILED QUOTE FOR THE VARMATIC LIGHTMASTER.**

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