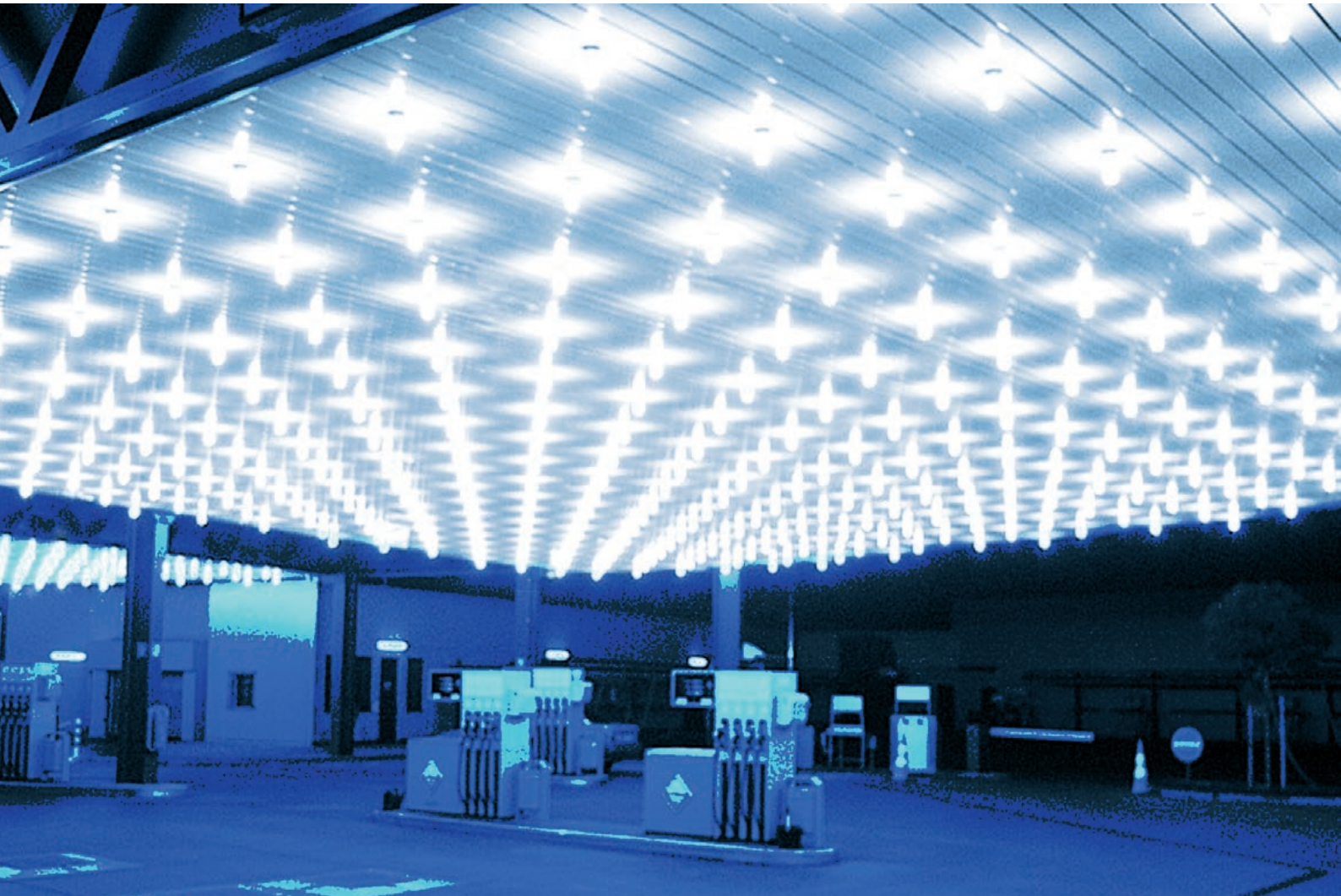




# EcoMaXX

Professional Energy Saving Systems



**Do not let your lights pull  
the wool over your eyes!**

*Save up to 35 % energy  
without replacing your lights.*

**SCHORISCH**  
*Tralec*  
Strong in Electronics



Connecting corridor lit during the day



Exhibition space with a lot of presentation lighting



Central and maintenance free

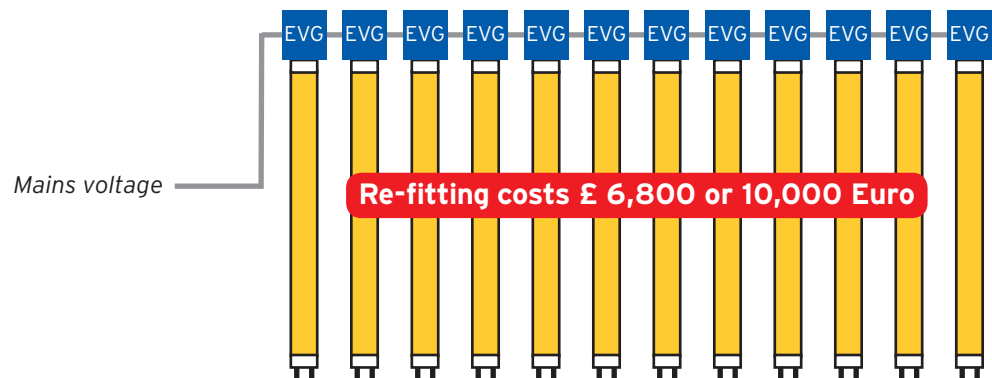


# EcoMaxx

## Energy saving systems

**Your lighting system is probably run with a higher mains voltage than necessary. You can save a lot of energy by using a lower voltage. This is possible for all standards lamps!**

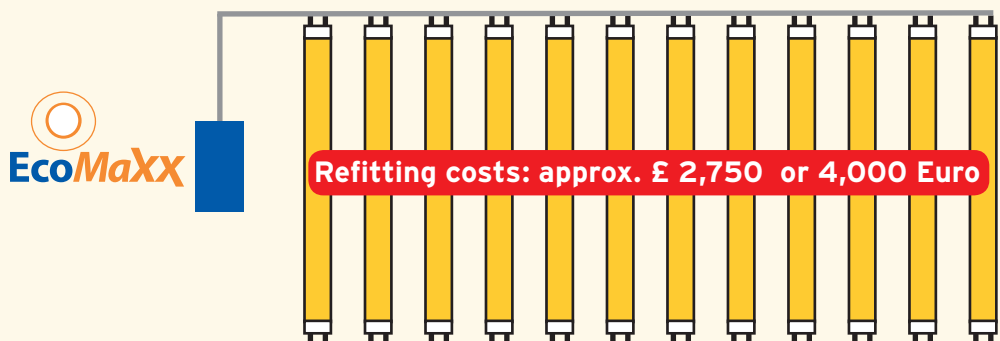
An elaborate solution is to fit individual, electronic series reactors. Although they do cut the consumption, they are not economical.



You need to fit an individual electronic series reactor for each bulb. Re-fitting a typical lighting system with approx. 350 bulbs (25 kW) would cost around £ 6,800 or 10,000 €. Two craftsmen would require around a week to complete the work.

### The new technical solution with EcoMaxx

It is much easier to cut the voltage centrally using an EcoMaxx series reactor. This cuts up to 35 % of the energy costs, extends the service life of the bulbs and is the solution with the lowest follow-on costs.



Your entire lighting system saves money with EcoMaxx. You do not have to replace the lamps in this. You can continue to use standard lamps in future. Once installed, the system requires no maintenance.

### ▶ How does EcoMaxx work?

- As an energy-saving series reactor, EcoMaxx reduces the supply voltage
- EcoMaxx is installed centrally upstream of the entire lighting system
- From there, it cuts the voltage perfectly for all lamps at the same time

### ▶ What are the advantages of reduced voltage?

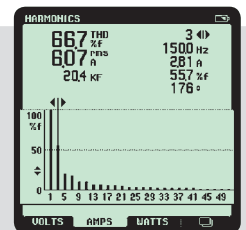
- The energy costs are cut by up to 35 %
- We guarantee savings of at least 20 %
- The maintenance intervals for the lamps are extended by at least 30 %
- The lamps burn cooler. The strain is eased on air conditioning systems
- The total CO<sub>2</sub> emissions are cut

### ▶ With which lamps can EcoMaxx be used?

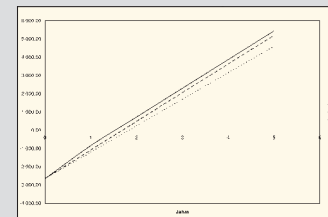
- All lamps that are currently used on commercial properties
- These are above all fluorescent tubes with magnetic ballast
- Also mercury or sodium vapour lamps
- Can be used in lighting systems larger than 8 kW

### ▶ Benefits of EcoMaxx

- EcoMaxx is a quality product made by Tralec
- The system contains 3 special transformers from our own production. Accordingly, we can guarantee the promised savings, even with asymmetric load
- EcoMaxx systems are maintenance-free and stable
- The lamps start quickly with full voltage and then switch to the lower voltage without interruption



Mains analysis  
Determination of the optimum configuration



Amortisation calculation  
Fast presentation as table and graph



#### Calculation example

Light system: 30 kW

Duration of lighting: 4,000 hours per year Jahr

Electricity costs: 6,5 pence/kWh or 9,5 €cent/kWh

Electricity costs without EcoMaxx: £ 7,800 or 11,800 € per year

**Savings due to EcoMaxx: £ 1,570 or 2,280 € per year**

Investment costs: approx. £ 2,750 or 4,000 € one off

Amortisation: After 21 months



Warehouse with a light output of 30 kW

The company does not know that it can save over £ 1,375 or 2,000 € a year

- Our partners would be pleased to calculate the amortisation time for you
- EcoMaxx not only produces energy saving lamps, but also other technical solutions for cutting costs. Please enquire about our other model calculations.



Waiting room  
High light output



Open-plan office  
Lighting throughout the  
entire working day

# Is worth it here



- |                     |   |
|---------------------|---|
| Production          | Warehouses, offices, manufacturing halls                  |
| Automobile industry | Garages, petrol stations, showrooms                       |
| Shopping malls      | Sales rooms, lamp studios, offices                        |
| Insurance firms     | Open-plan offices, call centres, parking decks            |
| Hotels, gastronomy  | Dining rooms, foyers, corridors, kitchens                 |
| Industry            | Lighting of grounds, production facilities                |
| Traffic firms       | Tunnels, car parks, courtyards, garages, railway stations |

Every lighting system with discharge lamps from 8 kW onwards can easily save energy. Check whether you need it.



**SAVE  
14 tonnes of  
CO<sub>2</sub>**  
with an annual power  
consumption of  
120,000 kWh



EcoMaXX is installed by specially  
trained electricians only.

[www.ecomaxx.net](http://www.ecomaxx.net)

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