

# LED lighting systems

There's more to LED than pure power saving - especially when it comes to broiler performance.

**W**hen considering the lighting system for a new building or the refurbishment of an existing building the lighting system on the tip of most people's tongues seems to be Led lighting. This was very apparent at this years Pig and Poultry Fair, customers just wanted to know about Led lighting systems and the benefits.

The most obvious answer to most people is the power saving when using led lights, but in reality using the dimmable 11W Led bulb or the dimmable 30W Led flood lights from EPA Products and used with broilers the real saving is in the performance of the bird. Two independent growers closely monitored the bird performance over a number of different flocks and both growers made the following statement

- 1 Mortality of young birds was reduced by 50%
- 2 Bird weight was consistently two days in front
- 3 Water consumption was reduced / better litter quality.

These were very encouraging results, as the system has two years of research and development between EPA Products Ltd and Agri-Lamp to provide lighting to the correct

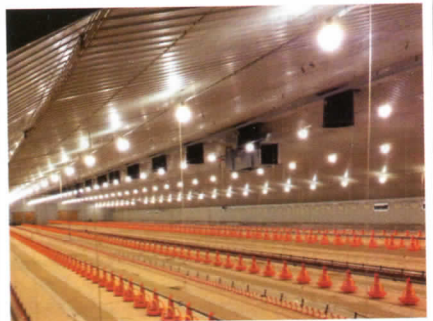


spectrum, and to offer flicker free stable dimmable lighting using the EPA Led Symmetry Control Dimmer.

The system has been supplied and successfully used by the poultry and the pig industry in Europe, America and Australia. Outside of the industry the system has been used in Zoos, and the even the O2 London

The latest addition from EPA Products is the DTD Lighting Control Processor and exhibited at this years Pig and Poultry Fair and Viv Europe. A very easy to use Lighting processor offering simulated dusk dawn lighting control with a day to day lighting programme and the ability to control two independent lighting systems from one controller.

The DTD Lighting Processor can be used with any of the EPA Products Led and High Frequency lighting system (can be used with other lighting system where the control signal input is a 0-10V).





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EPA Products is a supplier of control systems, alarm systems, Ziehl fans and lighting systems primarily to the agricultural sector, but increasingly to other engineering sectors. The firm has been established in Hertfordshire for over 40 years.

As well as acting as a major distributor for some of the best known names in the business, EPA also manufactures a range of alarm systems to suit the agricultural market and beyond. These include a number of systems to ensure personal safety, prevent disease spreading and ensure that the premises and production facilities are kept at their optimum condition.



We supply a wide range of lighting ranging from dimmable fluorescent to dimmable LED.



Quality assured ventilation systems, tested in harsh environments



Hard wired and radio alarm systems with landline and GSM communication



Full range of capillary and digital thermostats to maintain the perfect environment



Stock or custom made control systems to suit your every requirement



Feeder Controls - Proximity switches and lifter control equipment

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