

SUPERIOR UV DRYING PERFORMANCE COMBINED WITH 50% LESS SPACE

Nedap | World leader in UV lamp driver technology
High Frequency Electronic Lamp Drivers 400 - 48000W

CASE STUDY | PRINTING INDUSTRIES USA

Saving energy, installation costs and approximately 50% on space, while at the same time improving overall performance!

These were the impressive results after changing from "old" electromagnetic 50 / 60 Hz ballasts to state-of-the-art Nedap High Frequency Electronic Lamp Drivers at one of the major companies in the printing industry in the USA.

PROFESSIONAL PERFORMANCE

Nedap UV Lamp Drivers are designed and tested to rigid specifications in order to achieve outstanding professional results. All our products comply to the UL / cUL standard. Our extensive know how and experience forms the basis for the product reliability, lamp performance, printing quality and energy efficiency.

INFLUENCING FACTORS

The benefits of Nedap's reliability, high efficiency, and high Power Factor, in combination with stepless dimming, were the major influencing factors that prompted the decision to change to the Nedap technology.

Also the constant power control enables more stable UV output with less IR to the system within the mains input voltage range. The Nedap High Frequency operation has proven to be compatible with a wide range and different types of UV lamps. In addition, the electronic Lamp Drivers have proven to extend the lamp life to its double life time and beyond. As a direct result this leads to a reduction of lamp waste, labour costs and printer downtime.

UVuerte

The strongest solution in UV Disinfection

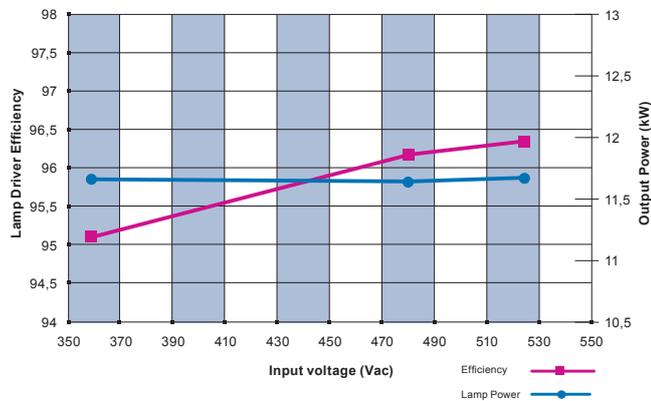
Nedap, the professional choice

- Sustainable** *Lower energy consumption and extended lamp life (= less waste)*
- Cost saving** *Reduction of installation costs and lamp costs*
- Efficient** *Up to 50% less installation space required*
- Professional** *Improving overall printing equipment performance and less printer downtime*
- Reduction of carbon footprint**



Situation before system upgrade

LAMP DRIVER EFFICIENCY OUTPUT



Graph shows the excellent output stability and high efficiency, over a wide input voltage range

Save
50%
of space



Situation after installing Nedap UV lamp drivers

OUR RANGE OF **HIGH POWER** ELECTRONIC LAMP DRIVERS



The basic, 12000 Watt



Easy to expand to 24000 Watt



Even up to 36000 Watt

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