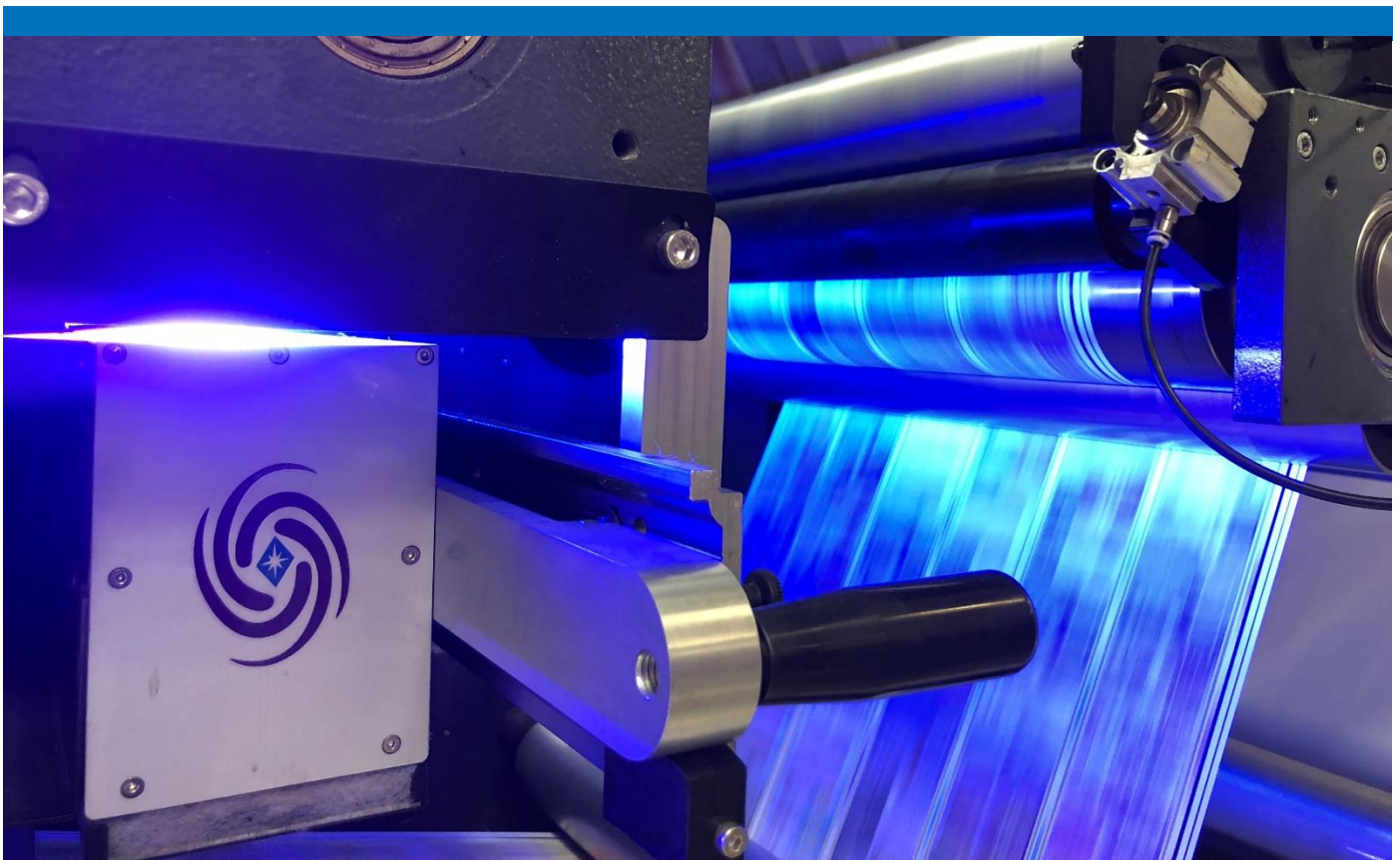




# The Top 10 Reasons Customers Choose Phoseon LED for Flexographic Printing

Learn How Phoseon LED Can Transform Your Business

*It's Time to Upgrade!*



## Introduction

*“Before we had the Phoseon LED lamps we were spending close to 40 to 50 thousand dollars a year on our UV bulbs for our press.”*

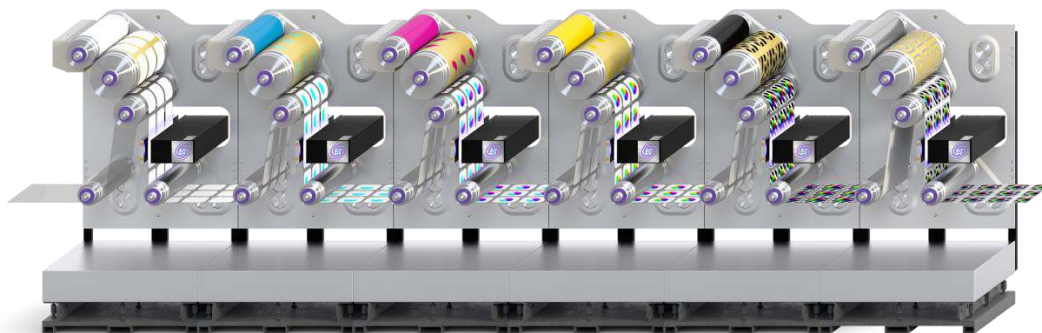
Phoseon’s proprietary solutions offer an improved converter experience with UV LED technology. UV LED opens the door to new revenue opportunities with the ability to print on heat sensitive and thinner substrates, offering increased profitability for printers and converters. Phoseon solutions offer higher print quality, faster curing speeds, and a more reliable curing process. New revenue streams become available with the unique UV LED technology benefits, in addition to saving energy and eliminating replacement part costs.

## 1. Digital Curing 4.0

The digital revolution has reached the curing technology. With Phoseon UV LED your curing system will be instantly available at any time with consistent parameters! Why invest in 50 year old curing technology when digital UV LED curing is readily available? Invest in your future now!

## 2. Futureproof Investment

Don’t waste your money on old curing technology which will be obsolete soon, don’t waste your money on hybrid technology which only is useful for mercury lamp suppliers. Invest in your people and your companies future! Invest in UV LED and a lifetime of no spare parts and no worries about mercury regulations!





### 3. Upgrade or New Press?

No matter if you are upgrading or thinking about a new press, Phoseon is here for you with its latest state of the art technology supported by over 300 patents. This is true state of the art technology all Made in the USA. Upgrading? Then experience our most energy efficient air cooled lamps. New machine? Yes we do have water cooled lamps as well!

### 4. Energy Savings

Between 50-60% less energy consumption when compared to mercury. Even more energy savings when using air cooled lamps as chillers are not required! Did you know that 70% of energy consumed by your flexo press falls to the curing system!? Invest in a green future!

### 5. Maintenance Free

Welcome to a world which is virtually free of maintenance! No shuttes to maintain, no reflectors to clean, no hidden costs, no unexpected machine stops! This is the reality of UV LED made by Phoseon! Just clean the emitting window from time to time and you are ready to go!

### 6. Proven Lifetime of More than 60K Hours

Phoseon is the only company in the industry which can say that we have a proven lifetime of more than 60,000 hours! This is UV LED reality made by Phoseon. 60k hours means in UV LED terms that we count only the ON time as turning lamps on and off is instant! (less than 20ms)

### 7. Less Infrastructure

No ozone = no exhaust which means in return not unnecessary infrastructure and no maintenance of this infrastructure. This also means no under pressure in your factory!

*“With the implementation of the new LED technology we’ve been able to run thinner films at a more stable speed and temperature simply because they don’t have to worry about the excess heat coming off of the lamps.”*

*Because the new presses run so fast and true, most of the production times for labels run on these presses have been effectively cut in half. As a result, the company has eliminated the need for night shifts.*

## 8. Virtually No Spare Parts

We do not live off our spare parts because there are none!  
Welcome to a new reality - the Phoseon way of life!

## 9. Process Control

“The instant on/off Phoseon LED lamps allow us to gain up to 30 minutes of production time per day and per team.” - Christophe Pichard, production and technical manager at Sopano, France - after retrofitting his flexo printing presses with air cooled Phoseon UV LED lamps.

## 10. High Machine Uptime

Before switching to UV LED, when running with UV arc lamps, Central Valley Labels, USA was averaging around 15,000 units an hour. With the new process, the company was able to reach 25,000 to 28,000 units an hour. Because the new presses run so fast and true, most of the production times for labels run on these presses have been effectively cut in half. As a result, the company has eliminated the need for night shifts.



## Top Ten Reasons Customers Choose Phoseon

*Learn how Phoseon UV LED can transform your business*



## It's Time to Upgrade

Are you interested in UV LED technology but not sure how to get started? Phoseon offers fully integrated solutions for narrow-web upgrades that consist of station-by-station building blocks including light sources and Flex Tower power and control systems. For more information about Phoseon Technology products and services, please contact: [info@phoseon.com](mailto:info@phoseon.com).

### *About Phoseon Technology*

Since 2002, Phoseon Technology pioneered the use of LED technology for Life Sciences and Industrial Curing. Through our relentless innovation, we deliver high performance, reliable and patented LED based solutions. Our strong focus on customer collaboration has resulted in world-wide market leadership position and presence. Phoseon is an ISO9001 certified company manufacturing award winning products that are covered by more than 300 patents worldwide. We uniquely focus 100% on LED technology therefore ensuring superior reliability, business economics, and environmental benefits.