



FirePower UV LED Curing Lamp

- Superior Performance
- Integrated Control
- Rugged and Reliable

APPLICATION: FLEXOGRAPHIC PRINTING

UV LED Technology for Narrow Web printing

Mark Andy, Flint Group and Phoseon Technology worked together to host a joint press conference at Labelexpo Americas to highlight the benefits of UV LED printing.

Mark Andy - Flexo Printing

Recognizing the fast-growing development of UV LED curing and ink products in the narrow web flexo industry, the R&D team at Mark Andy has created ProLED, a complete and integrated curing system based on Phoseon FirePower™ technology. ProLED system is now available for sale across their entire press product line. Over the past two years, ProLED system, along with the ink development, are the results of a close working partnership between Phoseon, Flint Inks and Mark Andy. The result is a totally new game changing UV technology, which brings an effective sustainable solution the Narrow web industry, fully ready to change your business today.

Mark Andy realized that UV LED technology enables an important evolution in curing or drying systems for narrow web. This new curing system delivers measurable advantages in energy usage, reduced heat load for thinner substrates, smaller footprints and clear environmental benefits. Mark Andy

has been recognized globally for numerous innovations over the past 65 years, most recently winning two technical innovation awards for the Performance Series print platform. By developing the Mark Andy ProLED curing option using Phoseon's FirePower technology, these latest award winning print platforms, as well as traditional flexo machines, can improve productivity and efficiency, increasing converter profit potential. ProLED fully supports the mission of Mark Andy, which is to continue to focus on proven innovations that directly provide converters tools to improve their businesses.

“We are very pleased and excited to offer Mark Andy ProLED, the first production-ready LED curing system for the flexo printing market. Along with Flint EkoCure inks, the ProLED system has demonstrated it can unlock significant value in our customer's operation. Seeing the customer trials exceed our expectations has us excited. Partnering with leading suppliers like Phoseon and Flint Group has given us the ability to continue positioning ourselves as a technology leader in support of our growing worldwide customer base,” stated Greg Palm, Vice President of New Business Development for Mark Andy, Inc.

Flint Group - Flexo and UV Rotary Screen Inks

In response to the increasing need for improved sustainable print solutions, Flint Group Narrow Web is introducing a series of ink technologies for UV LED curing under the EkoCure™ brand. Ekocure will initially be introduced in UV flexo as well as UV rotary screen for combination printing. These inks will be the first commercially available flexo and screen inks formulated specifically for UV LED curing, providing the same performance properties in color strength and cure speed, and with improved adhesion characteristics. EkoCure inks have been under development for several years. With their announcement, and demonstration at Labelexpo, the EkoCure range of products is now commercially available to converters looking for the next level of performance and productivity.

Phoseon - UV LED Lamps

Working with leading printing press and ink manufacturers in the flexographic market has enabled Phoseon to build rugged products that provide superior performance and allow for easy integration into flexo presses. The time is now for the flexographic market to rapidly adopt UV LED curing!