

# Case Study

## Application: Large Format UV LED Printing



CET Q5-1000h Hybrid Printer



Phoseon FireJet™ FJ100

- Proven Reliability
- Superior Performance
- Innovative Technology

### CET Color utilizes UV LED curing technology from Phoseon Technology

A leader in the wide format printing industry, CET Color integrates Phoseon's high-performance UV LED technology into their efficient Q5-500h and Q5-1000h hybrid printers. Our FireJet lamp cures UV ink instantaneously on both the left and right pass, thereby enabling media versatility and faster production speeds.

CET's Q5-Series printing presses, with a close-view true native resolution of 600 dpi, are ideal for creating retail point-of-purchase graphics, backlit displays, high-end packaging, art reproduction prints and so much more. The Q5-Series printing presses are available with 2 to 10 print heads.

#### Media Versatility

The hybrid models print to both roll-to-roll and rigid substrates. Two front and rear extension tables can be secured to the main body to facilitate printing on rigid media up to

2.25" thick. With a retractable alignment bar and a vacuum belt-driven printing bed, the rigid media remains stable as it moves through the printing gantry. Rollers set in the table tops also help in gliding rigid media in and out of the printing press.



#### SGIA Expo 2014 Product of the Year Award

CET Color received the prestigious SGIA Product of the Year Award for its Q5-1000h hybrid printer in the Roll-to-Roll (over 96-inch) category. The competition recognizes the latest equipment for advancing the specialty imaging industry. With unparalleled technology from CET Color and Phoseon,

these printers seamlessly produce sharp, long-lasting and vibrant prints.

#### UV LED Light Sources

The FireJet™ is a high capability air-cooled UV LED curing lamp aimed primarily at UV Inkjet wide format systems and is capable of curing at the highest speeds for digital printing systems.

#### About CET Color

Headquartered in Atlanta, Georgia, CET Color builds large-format vacuum table flatbed and hybrid roll-to-roll/flatbed UV printers. Utilizing state-of-the-art UV curable ink sets that are VOC free and eco-friendly, their printers have the ability to print on virtually any substrate. For more information, visit:

[www.cetcolor.com/](http://www.cetcolor.com/)

