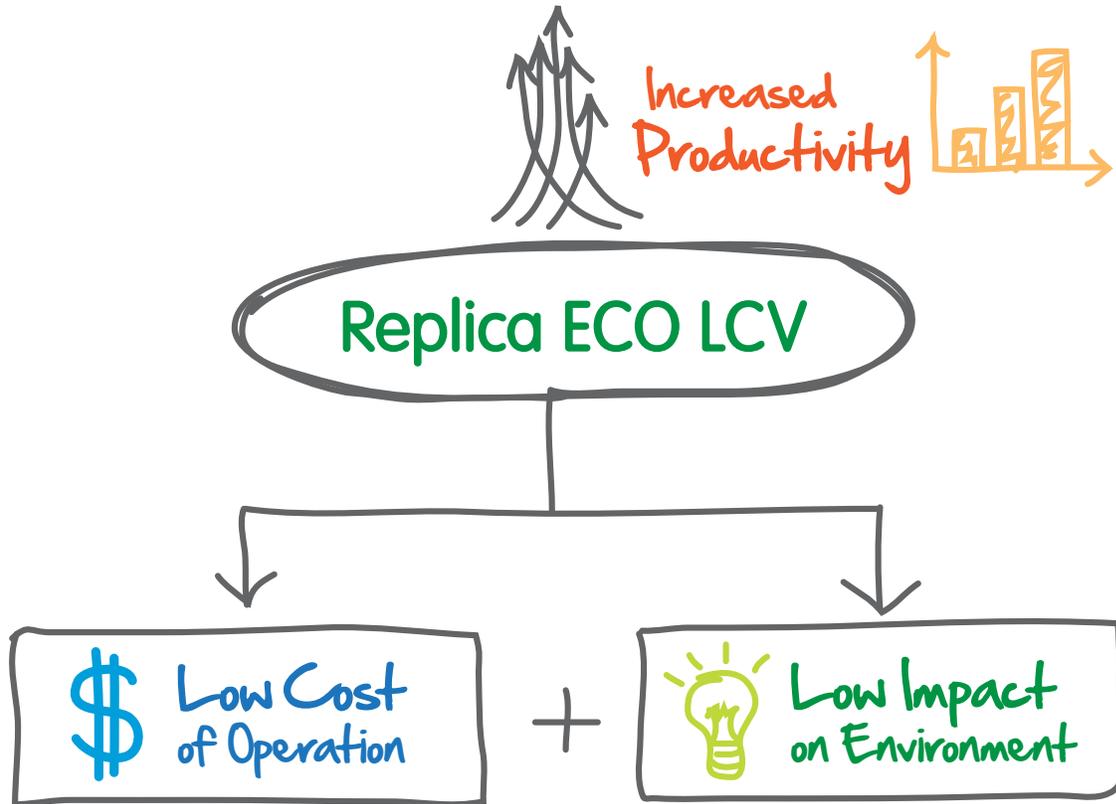


# Replica ECO LCV



VIOLET CtP PLATE



A low-chemistry lithoplate that's **reliable, economical, environmentally sound** and **uses energy efficiently** – *while delivering **high-tech results**.*

The Replica ECO LCV violet CtP plate brings high quality and efficiency plus a low environmental impact to newspaper prepress. Southern Lithoplate's newest violet plate system combines environmental protection and productivity, enabling newspapers and coldset printers to enjoy reliable, consistent plate output while dramatically reducing chemistry usage. Replica ECO LCV uses less of everything — chemistry, water, maintenance time and processor energy costs— without having to compromise on print quality or throughput.

# Replica ECO LCV



## Benefits of Replica ECO LCV

- Economical, eco-friendly plate production
- Long-life, low-alkaline, non-oxidizing chemistry
- Less maintenance and waste management
- Outstanding quality
- Reduced running costs

## Saving Money and Resources

Southern Lithoplate has long been a leader in balancing economy and ecology. As part of Southern Lithoplate's commitment to sustainable printing, Replica ECO LCV requires less chemistry than conventionally processed violet CtP plates. The simple clean-out and stabilizer system means less waste disposal. The non-oxidizing and non-hazardous chemistry is formulated for long bath life and a low-alkaline pH value below 10. To boost energy savings, the plate processing unit can be completely turned off when not in operation.

## Unmatched Productivity

Replica ECO LCV plates produce up to 250,000 impressions out of the box and 1 million impressions with postbaking. Southern Lithoplate's proprietary multistage grain structure delivers the optimum ink-and-water balance on press, ensuring quick make-readies and restarts. The scratch-resistant photosensitive coating protects the plate and preserves your bottom line.

## Incomparable Quality

Consistent printability with top-quality results are hallmarks of Replica ECO LCV plates. The Replica ECO LCV is rated at 2-98% resolution at 1,800 dpi/150 lpi. The etched plate surface holds a crisp image area.

## SPECIFICATIONS

Plate	Negative working, violet photopolymer digital plate
Application	Newspaper printing
Substrate	Electrochemically grained and anodized aluminum substrate
Plate Size	Up to 36" maximum width
Gauge	0.008" and 0.012"
Coating	Photopolymer
Spectral Sensitivity	405 nm violet laser diode
Exposure Energy	50 $\mu\text{J}/\text{cm}^2$
Resolution*	2 – 98% @ 1,800 dpi / 150 lpi
ECO Solution	Startup solution and cleanout solution
Finisher	840 Finisher (finishing recommended for scratch & handling protection)
Run Length**	Up to 250,000 impressions / 1 million impressions with postbaking
Filter Change	Every 30 days
Operating pH	Below 10
Safe Lights	FV30 Filter
Shelf Life	12 months after producing, under recommended conditions
Storage	Store away from excessive heat and humidity. Use in a controlled environment of 30 – 70% RH and 45 – 75° temperature, non-condensing

\* Plate resolution depends on output device equipment and processing conditions

\*\* Actual run length may vary according to press, ink and paper conditions

