

# Energy saving when printing UV offset

## FLASH DRY® LPC Series

- Using LED lamps can obtain the same printing quality as UV lamps
- Drastic reduction of energy cost thanks to the replacement of lamps to LED type with lower energy consumption

### Applications

- Paper-based packaging



Food, cosmetics, pharmaceutical packaging, etc.

### Products lineup

	Product	Features
Ink	FLASH DRY® LPC Series	<ul style="list-style-type: none"> <li>• Gamut</li> <li>• Rub resistance</li> <li>• Printability same as general UV inks</li> </ul>
Varnish (offset)	FLASH DRY® HS OP VARNISH (gloss) HS MATT OP VARNISH (matt)	<ul style="list-style-type: none"> <li>• Gloss</li> <li>• Rub resistance same as general UV varnishes</li> </ul>
Varnish (coater)	FLASH DRY® LED Coating Varnish	

## Reduction of energy consumption and cost per month (calculated by this company)

Comparison of the energy consumption between UV lamps (3 units) (water-cooled) and LED lamp (1 unit) (Calculation based on electricity charges for 4 hours for both printing and idling: 1KWh = 30 JPY)

