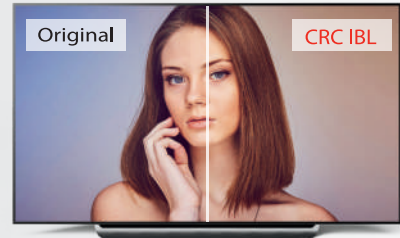
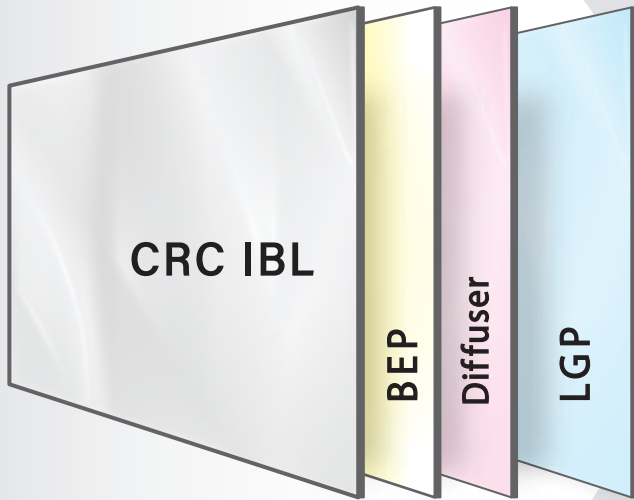


ENERGY-SAVING & Emission-reducing LCD Optical Film



Perfect Fit, Perfect Brightness

Color Re-compensation Film



Suitable for Monitor
No Effect on Original Color



Angle 75 : Enhance
the Brightness



Industry's First R2R Brightness Enhancement Film



Energy Conservation in Your Displays



Elevate the Viewing Angle and Brightness



Skyrocket Yield and Productivity

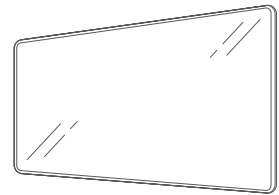
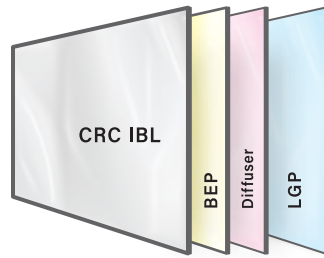


Tailored to Suit Screens of All Sizes



Monitors, such as home TVs, desktop screens, notebooks, and mobile phones, are essential in daily life. Cymmetrik offers optical film products for LCD monitors, optimizing brightness and enhancing colors. This not only reduces power consumption but also helps enterprises meet global ESG specifications.





Comparison	CRC IBL	Competitor
Design concept	Light interference of thin film	Micro structure
Loss of brightness at center view	-3% ~ +3%	-8%~ -10%
Loss of contrast ratio at center view	None	> -40%
Improvement of LCD side view	Both enhancement of Brightness and color adjustment	Enhancement of Brightness
Moiré	no	yes
Film lamination	Either laminated (1st version) or integrated on the upper and lower polarizers	only laminated on upper polarizer
Thickness (excluding the base film)	<1 um	> 10 um

Specification	CRC IBL
Thickness	80±10um
Haze	TBD
Total Transmittance	> 90%
Hardness	H
Lamination Transmittance Enhanced (0°)	± 5%
Lamination Transmittance Enhanced (60°)	> 10%
Lamination Transmittance Enhanced (70°)	> 20%
Lamination Contrast Ratio Enhanced (0°)	± 5%
Application	LCD VA/IPS



Established in 1969 and based in Taiwan, Cymmetrik has evolved into the premier label and package printing supplier for Greater China. Its "customer-centric" key principle has guided its growth globally, establishing strong, long-term partnerships with the world's Fortune 500 companies, offering its expertise in applied printing and value-added services across numerous industries.

<https://www.cymmetrik.com/en-us/>

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