

The Optical and Opto-mechanical Design of the Liquid Crystal Display LED
Backlight Modular

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Abstract

LED backlight source for the LCD with practical optical and opto-mechanical design will be presented in detail. By optimizing incident angles, distances to the light guide plate, we have the output light efficiency 73.55%.

Keyword : LED light source, backlight module, optical design, opto-mechanical design, pattern design.