

ABSTRACT

SYSTEMS AND METHODS FOR COMPENSATING BRIGHTNESS UNIFORMITY OF BACKLIT IMAGE DISPLAYS

Systems and methods for compensating brightness uniformity of transmissive backlit display devices using auxiliary lights to provide additional light to compensate light provided by the main backlights of a backlit image display device. Auxiliary lights may be, for example, embedded into the light pipe area of an image display and/or placed in any other suitable position relative to the main backlights that is suitable for compensating the main backlights. In one example implementation, brightness uniformity of a transmissive image display may be at least partially compensated based at least in part on measured luminance of one or more areas of the display.

FIG. 3



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