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器件物理及器件制备技术

VA型液晶屏周边Mura的分析与改善

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摘要： VA型液晶屏在高温应用环境下经常会出现周边Mura。对于传统的成盒设计和工艺条件,框胶内的spacer粒径和灌晶后的封口压力的调整和优化是改善周边Mura的常用的、比较便捷的方法之一。通过对框胶spacer粒径、液晶盒封口压力和玻璃基板的比较实验,提出了改善周边Mura的措施,并验证了其有效性。

关键词： VA型液晶屏 高温显示效果 周边Mura

Analysis and Improvement of Edge Mura in VA Liquid Crystal Panel

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Abstract: Edge Mura is always appeared in the vertical alignment LCD at high temperature condition. Adjustment and optimization of the seal spacer size and closing force are the common and feasible ways to improve the edge Mura. The experiments with different seal spacer size, closing force and glass type are done to improve the edge Mura. The improved performance of the edge Mura is verified by the visual check. And it shows the solution is effective.

Keywords: vertical alignment liquid crystal panel high temperature performance edge Mura

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