

Poster Presentation

[LCTp2]Alignment Technologies

Thu. Nov 28, 2019 10:40 AM - 1:10 PM Main Hall (1F)

10:40 AM - 1:10 PM

[LCTp2-1]Vertical Alignment Surface Aligned by LED Light for High Yield Liquid Crystal Display Production

*Man Chun Tseng¹, Chen Xiang Zhao¹, Hon Wah Chiu¹, Shu Tuen Tang¹, Fion Sze-Yan Yeung¹, Hoi Sing Kwok¹
(1. The Hong Kong University Of Science and Technology (Hong Kong))

Keywords:photoalignment, vertical, vertical alignment, patterned alignment

Most of the available photoalignment materials require polarized deep UV irradiation with a finite dosage. With the consideration of the current limitation with such a small working window, a vertical photoalignment surface by non-polarized blue LED light irradiation is proposed and demonstrated. It has good stability and performance.