
Poster Presentation

[LCTp2]Alignment Technologies

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

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[LCTp2-2]Broadband In-Cell Quarter Wave Plate using a Combination of Solution-processed Self-aligning Liquid Crystal Polymer by Coating Technique and Photoalignment

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A new kind of in-cell solution-processed broadband quarter wave plate for the circular polarizer made of liquid crystal polymer using coating technique has been proposed and manufactured in this work. The transmittance and reflectance spectrum can show high ambient contrast ratio (ACR) improvement for the light emitting display system.