

*Electronic Supplementary Information for  
Amplified spontaneous emission from liquid crystalline phase:  
anisotropic property and active modulation*

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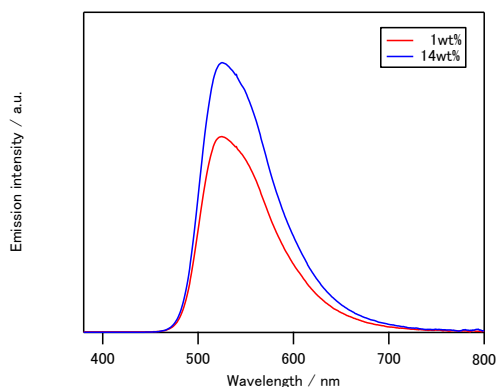


Fig. S1. Emission spectra of C4alkyne-HBT in 5CB with 1wt% (red) and 14wt% (blue) under 355 nm excitation with low power.

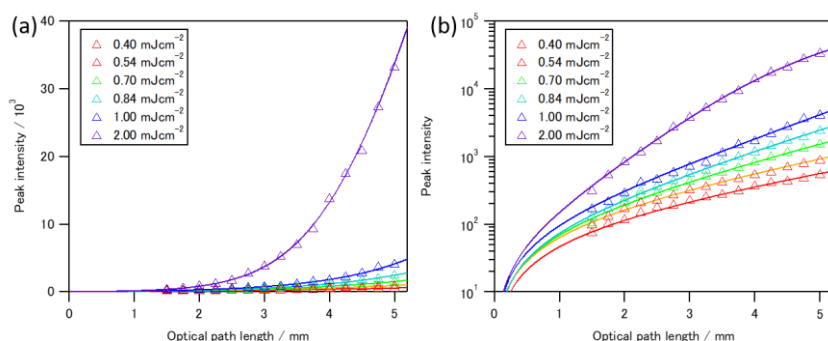


Fig. S2. Pump beam size dependence of the emission intensity from C4alkyne-HBT(14wt%)/5CB blend plotted in (a) linear and (b) semi-logarithmic scale. Pump energy was varied from 0.40 to 2.00 mJ cm<sup>-2</sup> and shown with fitted profiles.

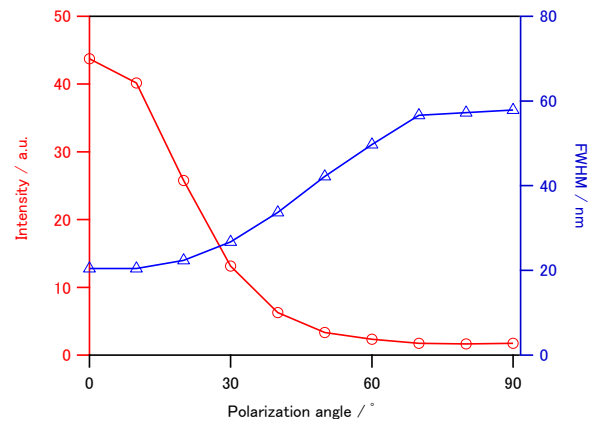


Fig. S3. Fluorescence intensity (red) and FWHM of the fluorescence spectra (blue) at perpendicular excitation ( $\theta = 90^\circ$ ) for 1wt% device under the pump fluence of  $1 \text{ mJ cm}^{-2}$ .