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(54) TOP EMITTING DISPLAY PANELS AND DISPLAY DEVICES

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(57) **ABSTRACT**

Provided are a top emitting display panel and a display device, the top emitting display panel includes a substrate, a light-emitting structure and a cover layer, wherein the light-emitting structure comprises a first light-emitting structure, a second light-emitting structure and a third light-emitting structure, and corresponding light-emitting wavelengths are a first wavelength, a second wavelength and a third wavelength respectively; the cover layer is located on a side of the light-emitting structure away from the substrate, and includes at least two of a first region located on the first light-emitting structure, a second region located on the second light-emitting structure, and a third region located on the third light-emitting structure, the first region has a thickness such that twice of the length of an equivalent optical path in the first region along a thickness direction is an integer multiple of the first wavelength; the second region has a thickness such that twice of the length of an equivalent optical path in the second region along the thickness direction is an integer multiple of the second wavelength; and the third region has a thickness such that twice of the length of an equivalent optical path in the third region along the thickness direction is an integer multiple of the third wavelength. According to embodiments of the present disclosure, light extraction efficiencies corresponding to the first wavelength, the second wavelength, and the third wavelength can be simultaneously increased, and the display panel have a reduced power consumption and an improved lifetime.