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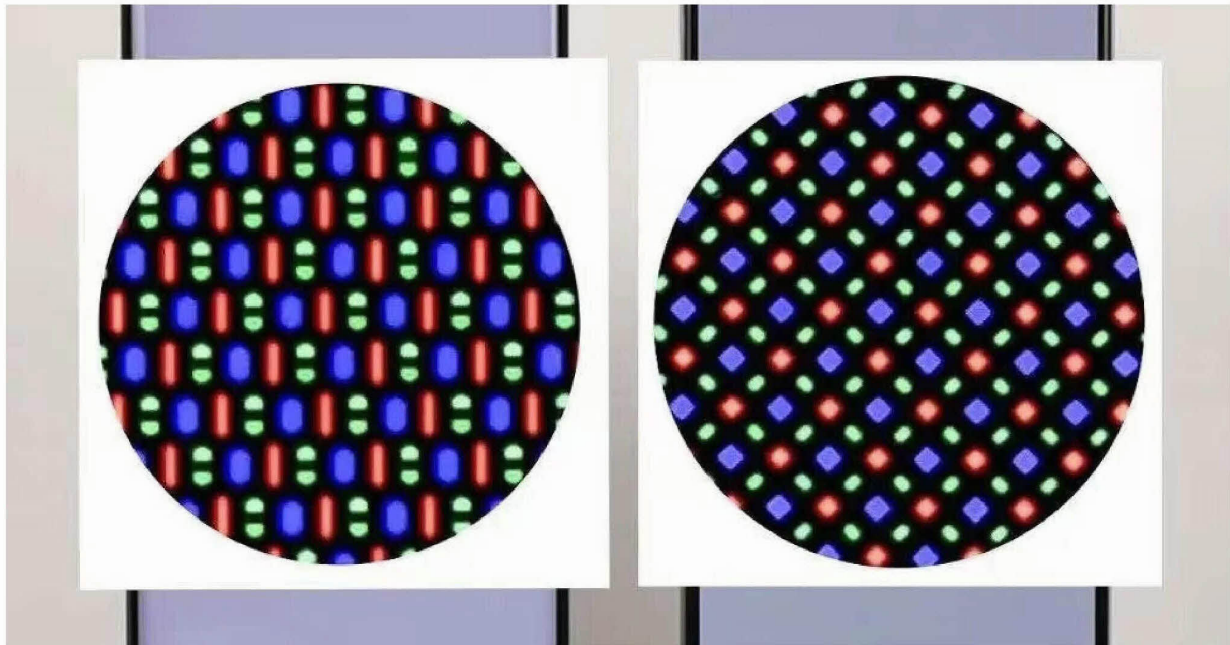
What exactly was the scolded "Dongyu Zhou" screen like? Is it really unusable?

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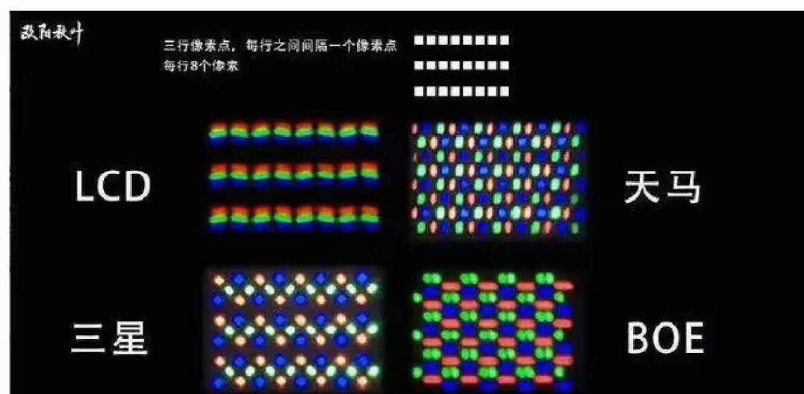
Consumer Electronics (cechoice) original

author|Xiaojian

I believe that people who pay attention to mobile phone screens will definitely notice such a phenomenon. Now there is such a trend on the Internet that the first thing to buy a mobile phone is to look at your own The arrangement of the screens is also very simple. Some use drops of water, and some go directly on the microscope. As soon as you see that you are "Dongyu Zhou", you have won the prize and you even think you want to change the product. So, what exactly is this so-called "Zhou Dongyu"? Is it really that unbearable?



"Zhou Dongyu" arrangement is actually one of the pixel arrangements of OLED screens, which are generally used for OLED screens produced by BOE; currently the mainstream screen arrangement also has diamond arrangements, which are generally used for OLED screens produced by Samsung; these two are the most Common OLED screen pixel method (Delta arrangement screen has been eliminated, RGB arrangement currently only exists in LCD screens).



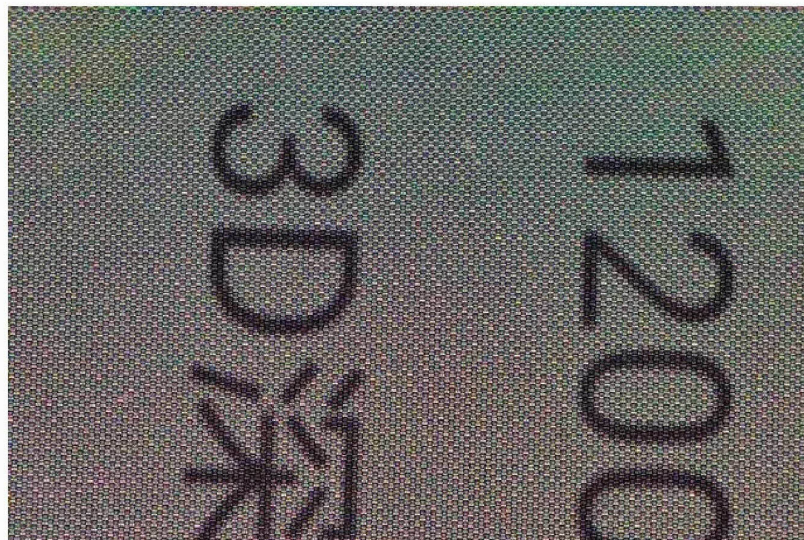
uses Zhou Dongyu' s arrangement on the one hand to solve the problem of uneven lifespan of sub-pixels in each color of the OLED screen and prolong the service life (the same is true for Samsung diamond arrangement and Delta arrangement), and on the other hand to avoid the patent problem of Samsung diamond arrangement , A pixel arrangement independently developed by BOE. Because the diamond arrangement is Samsung's patent, otherwise everyone would like to use the diamond arrangement, but the patent is involved.



Under the premise of the same level of material and the same resolution, the diamond arrangement can provide higher equivalent PPI and better color accuracy. Reflected in the specific performance, it is less likely to cast color, and the text is relatively clearer. Compared with the diamond arrangement, Zhou Dongyu has more green light spots on the screen and more light spots shared by adjacent pixels. This leads to:

1, there are more green spots in the arrangement, and the screen is more likely to be greenish under certain circumstances.

2, where the color of the display content changes, the Zhou Dongyu arrangement needs a longer transition than the diamond arrangement. What is reflected is the blurring of the edges.



Many people are actually entangled whether Dongyu Zhou's arrangement can be used. It is not a big problem to use Dongyu Zhou's screen. Tuning can reduce the greenish screen problem to a certain extent, so that people do not have obvious perception of this. This can be done, and If the adjustment is not good, the color cast of the drill row will actually be color cast.



However, while making it clear that everyone has different screen perception capabilities, we don't have to dispute which arrangement is better-you can say that you don't care, but you don't care about the fact that there is a difference between the two. What the domestic manufacturers have to do is not to stand still with a mentality of "this is enough". After all, you close the door and close your eyes and shout 10,000 times that I am the best, and it is unlikely that you can catch up with others. To lead. Acknowledging these shortcomings and striving to improve their own level and optimize their own solutions are also the awareness and responsibility that domestic manufacturers should have. We can certainly take the second place under certain circumstances, but this is not a good reason for us to keep our eyes closed.



Objectively speaking, Zhou Dongyu's screen is worse than the drill row, but it is only relatively speaking. They all meet the acceptance criteria, so it is not that the "Zhou Dongyu" screen cannot be used. It can only be said that the quality control requirements are too great. Strictly is more appropriate. Subjectively, you need to be high-acceptable. Dongyu Zhou's screen should be able to display, and high-brush, and brightness can also be used. Subjective things can be acceptable. The editor of

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thinks that as long as it is not within the quality range, it will be fine, so it is not interesting to argue, and the gap will not be very large. What we can consider, the official can also consider. More people discuss that these are just mouth addictions or enthusiasm, or don't be affected, just judge by yourself. After all, things like screens are subjectively felt, as long as you feel that there is no problem, then there is no problem! Now it is hoped that domestic manufacturers can develop a new arrangement method, which is the key to solving the problem.



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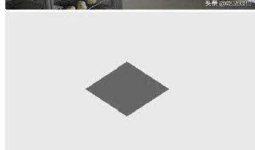


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In the latest 007 movie, why did Bond switch its mobile phone brand to Nokia and not Apple?

, as the classic 007 series of spy war films, has been loved by many spy fans. 25 007 series of movies are counted down. The only exception is the decryption function.

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