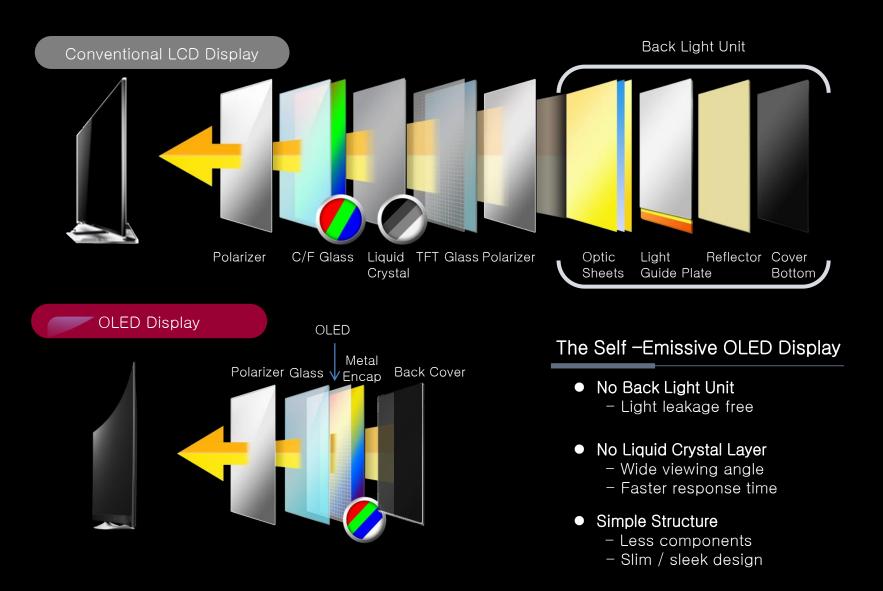




### #. Structure of OLED Panel

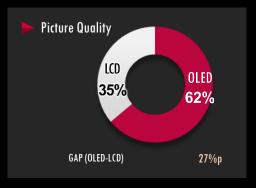
OLED does not require the backlight unit nor the liquid crystal layer.

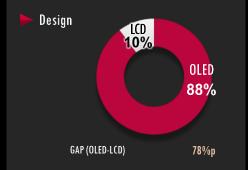


1. Consumer Research OLED Preference

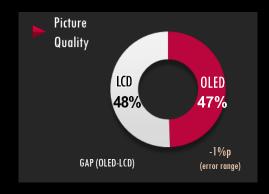
The result of the consumer survey in terms of picture quality & design in China/U.S./Germany shows that OLED is superior to LCD.

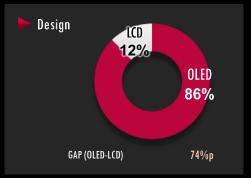
#### Preference Comparison (65 UHD OLED vs. 65 UHD LCD)





#### • Preference Comparison (55 FHD OLED vs. 65 UHD LCD)

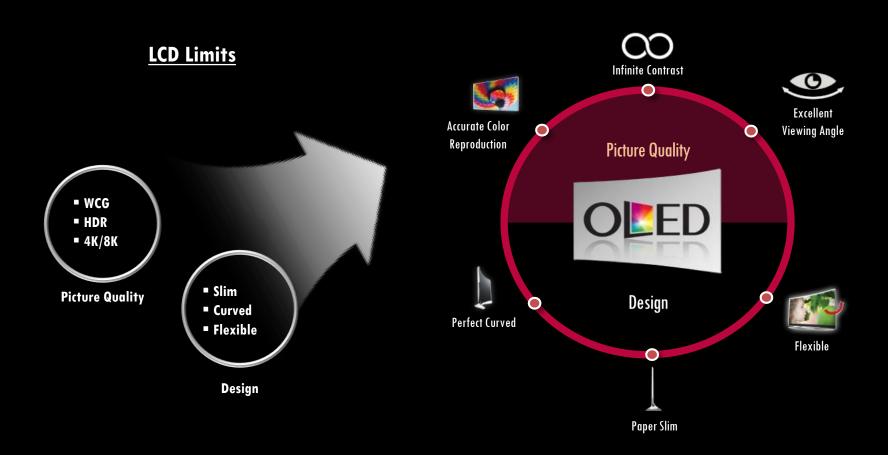




Source: Consumer Survey, upper 30% income, 55" and over \$1500 TV Purchased/purchase intended (TNS, '14.12~'15.01)

## 2. The Next Display, OLED Display

OLED is a new display technology that overcomes the limits of the current displays in terms of picture quality and design.



### 3. 5 Superiorities of OLED Display

• Key Slogan

2

- OLED, Nothing to be Compared!
- 5 Superiorities of OLED Display
  - Perfect Black
    - Perfect Color
  - Perfect
    Viewing Screen
  - Perfectly
    Clear Motion
  - 5 Perfect Design



Perfect Black

Pure black with self-lightning pixels



Perfect Color

Accurate & stable color reproduction



Perfect Viewing Screen

No color distortion from any viewing angle



Perfectly Clear Motion

Vivid & clear image with 5,000 times faster MPRT



Perfect Design Slim & light design Future displays with free form factors Self-lightening pixels of OLED produce infinite contrast and perfect black without light leakage.



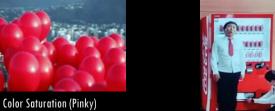
OLED provides accurate & stable color reproduction.



OLED

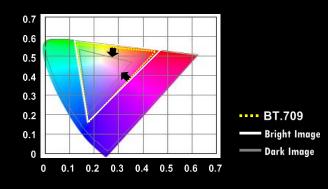
• OLED : Accurate color expression of the input signal

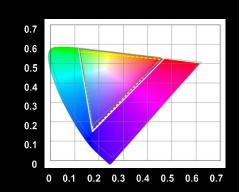






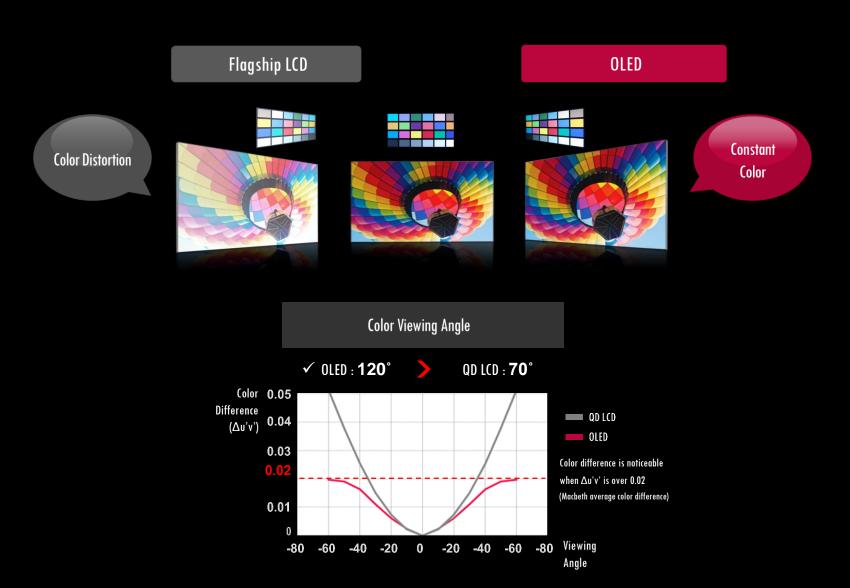
• OLED always produces accurate colors for both bright & dark images.



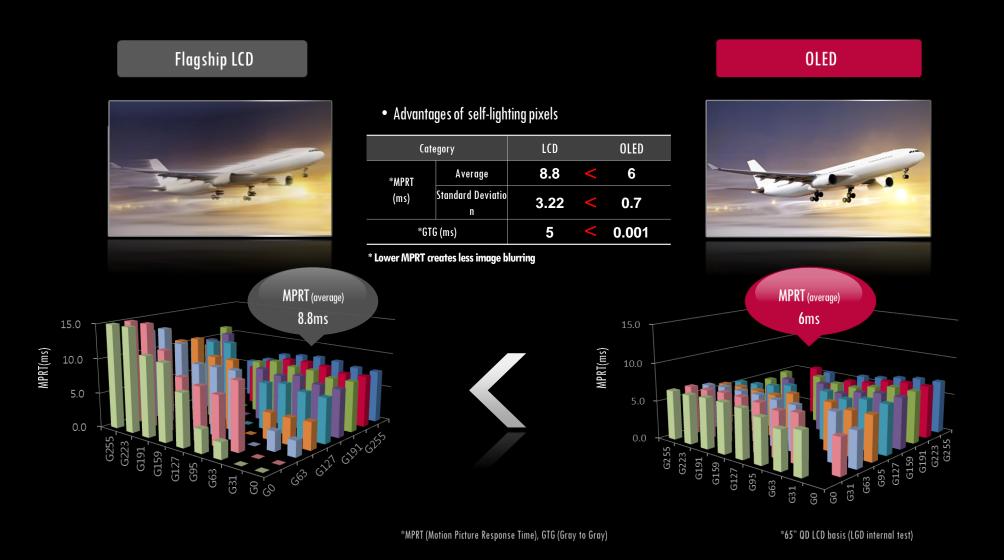


# 3. 5 Superiorities of OLED Display

OLED has a very wide viewing angle, because of the self-lighting pixels.



Faster response time of OLED provides clear images without image blurring.



#### Concept \*Flagship LCD **OLED** 1/5 Slimmer Slim + Refiner Competitor's 65" (JS9500) LG 65"(EG9600) : Slimmest 35mm / Thickest 67mm : Slimmest 5.97mm / Thickest 49.9mm \* Flagship LCD **OLED** 30% 25.1kg Lighter Light 35.5kg Competitor's 65" (JS9500) LG 65" (EG9600) Future Display