

# LG UltraFine<sup>®</sup> Display

OLED Pro

27BP95E-B

27-inch UHD (3840x2160) OLED Display

Adobe RGB 99% (Typ.), DCI-P3 99% (Typ.)

250 cd/m<sup>2</sup> (Typ.) / 540 cd/m<sup>2</sup> (Peak) Luminance

Tilt, Height and Pivot Adjustment

Infinite Contrast Ratio

1ms Response Time

Wall Mount: 100x100



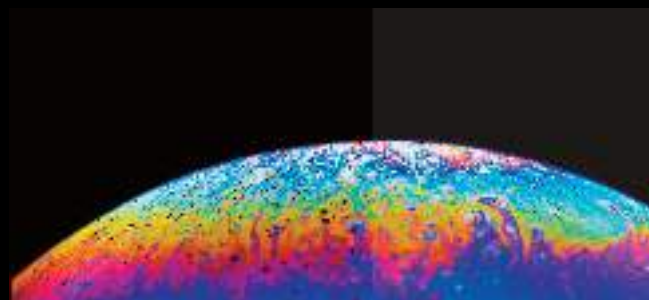
## Purpose-Built for Video Professionals

The 27BP95E-B OLED Pro monitor is ideal for digital artists, color correction and post-production screening, on-set monitoring and game development.



## Unique OLED Perspective

The 27BP95E-B provides excellent shadow detail for a deeper black level, down to 0.0005 cd/m<sup>2</sup>, and OLED creates infinite contrast showing colors as more vibrant than LCD.



## OLED Pixel Dimming

Conventional LCD monitors tend to have a low ratio of local dimming blocks to pixels which can lead to the halo effect, where the edges of a light object set against a dark background may appear blurry, or where points of light in a dark scene – such as stars in the night sky – that should be visible, aren't. Most edge-type LED LCD monitors have fewer than 20 local dimming blocks, while those with direct backlight units (BLU) have fewer than 500 blocks. Upcoming mini LED BLU monitors will possess around 1,000 blocks at best. In contrast, the UltraFine OLED Pro provides individual dimming for every single one of its 8,294,400 pixels, delivering HDR images without any halo effect, and making every detail crystal-clear.

No Dimming LCD

Global Dimming LCD







Full Array Local Dimming LCD

Pixel Dimming OLED

\* All images are simulated for illustrative purposes only.

## 27BP95E-B | 27" LG UltraFine Display™ OLED Pro

|                     |  |
|---------------------|--|
| PANEL               | Screen Size: 27"   |
|                     | Panel Technology: RGB OLED   |
|                     | Aspect Ratio: 16:9   |
|                     | Native Resolution: 3840 x 2160 (UHD)   |
|                     | Refresh Rate: 48 / 50 / 60 Hz  |
|                     | Peak Luminance: 540 nits (APL 50%), 400 nits (APL 75%), 250 nits (APL 100%)              |
|                     | Contrast Ratio: Infinite   |
|                     | Color gamut: P3 99% / Adobe RGB 99%  |
|                     | Viewing Angle (H x V): 178° x 178°   |
|                     | Color Depth: 10 bit, 1.07 Billion colors   |
|                     | Response Time (G to G): Less than 1 ms   |
|                     | Anti-Glare Surface Treatment   |
|                     | Orientation: Portrait or Landscape   |
|                     |  |
| CONNECTIVITY        | HDMI In, HDCP2.2 (HDMI2.0)   |
|                     | DisplayPort In (x2) (v1.4)   |
|                     | USB-C In (DP1.4 over USB-C) with 90W Power Delivery                                      |
|                     | USB 3.0 Type A Downstream Port (x3)  |
|                     | USB 3.0 Type B Upstream Port   |
|                     | DC Power   |
|                     | 3.5mm Stereo Headphone Out   |
| FEATURES            | Power Indicator (Configurable On/Off and Brightness): Standby (Orange), Power On (White) |
|                     | Adjustable Brightness, Contrast, Color, Black Offset                                     |
|                     | Color Temp Settings: Custom & Manual   |
|                     | Color Space: Native / P3D65 / BT.709 / BT.2020 / Adobe RGB / P3D65 PQ / BT.2100 PQ       |
|                     | R/G/B Gain: 0 to 100   |
|                     | EOTF 1.8 / 2.2 / 2.4 / 2.6 / PQ  |
|                     | PQ Clip Point (Tone Mapping): Auto / Panel Peak / 1000 / 2000 / 4000 / 10000             |
| FEATURES            | Color Format: RGB444 / YCbCr444 / YCbCr422 / YCbCr420                                    |
|                     | Aspect Ratio: 16:9 / 4:3 / 1.85:1 / 2.35:1   |
|                     | APL Indicator  |
|                     | Color Calibrated   |
|                     | End User HW Calibration  |
| MECHANICAL          | Bezel Color: Black   |
|                     | Weight without Stand: 6.8 lbs / 3.1 kg   |
|                     | Weight with Stand: 10.6 lbs / 4.8 kg   |
|                     | Shipping Weight: 20.5 lbs / 9.3 kg   |
|                     | Dimensions without Stand (W x H x D): 24.6 x 14.7 x 1.4 in / 624.3 x 372.8 x 35.3 mm     |
|                     | Dimensions with Stand Up (W x H x D): 24.6 x 23.1 x 9.4 in / 624.3 x 587.3 x 239.3 mm    |
|                     | Dimensions with Stand Down (W x H x D): 24.6 x 18.8 x 9.4 in / 624.3 x 477.3 x 239.3 mm  |
|                     | Shipping Dimensions (W x H x D): 34.4 x 6.1 x 20.9 in / 873 x 156 x 531.5 mm             |
|                     | 100 x 100 VESA™ Standard Mount Interface   |
| ENVIRONMENT & POWER | Tilt / Height / Pivot adjustable   |
|                     | AC Input: 100-240 Vac, 50/60 Hz  |
|                     | Power Consumption (Typical): 60 W  |
|                     | Power Consumption (Max.): 200 W  |
|                     | Power Consumption (Sleep Mode): Less than 0.5 W  |
| ACCESSORIES         | Power Consumption (DC Off): Less than 0.3 W  |
|                     | Calibration Sensor   |
|                     | Hood   |
|                     | HDMI Cable   |
|                     | DisplayPort Cable  |
|                     | USB-C Cable  |
|                     | USB-A to B Cable   |

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