

FHD26528

Fully optimised HD LED display – 5 x 2.8m (226" diagonal)



- **High calibre, high-resolution indoor Full HD LED display**
- **Easy installation and maintenance - surface mount and front access**
- **Ultra-thin panel depth - discreet, space-saving design**
- **Best in class processing and switching - HQUltra technology**

Optoma is the one-stop solution provider for projection and LED displays with its range of 4K UHD, Full HD and custom LED displays.

The ultra-thin, 16:9 native aspect ratio Full HD LED displays blend discretely into any corporate, higher education, hospitality and digital signage environment.

Easy to install, operate and maintain, they are designed for ultimate reliability and superior image quality.



Specifications

| | |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Screen | |
| Screen resolution | 1080p Full HD (1920x1080) |
| Screen size (diagonal) | 226" |
| Screen size | 5000 x 2812.5 |
| Minimum viewing distance | 2.6m |
| Brightness (before calibration) | 800 nits |
| Brightness (after calibration) | 800 nits |
| Contrast | 4000:1 |
| Dimensions (W x D x H) mm | 5000 x 54 x 2812.5 |
| Screen processing | |
| Scaler-switcher | LS200T |
| Sender | MCTRL660 |
| LEDs | |
| Pixel pitch (H x V) | 2.604mm |
| LEDs per pixel | 1R1G1B |
| Red wavelength (dominant) | 620nm |
| Green wavelength (dominant) | 520nm |
| Blue wavelength (dominant) | 465nm |
| Pixels | |
| Pixel configuration | SMD 3-1 |
| LED face colour | Black |
| LED size | SMD2020 |
| Pixel resolution (width) | 192 pixels/module |
| Pixel resolution (height) | 108 pixels/module |
| Pixels per area | 147,456 pixels/m ² |
| Module | |
| Active module width | 5,000mm |
| Active module height | 2812.5mm |
| Standard active module area | 0.1406m ² |
| Viewing angle - horizontal | >160° |
| Viewing angle - vertical | >160° |
| Ingress protection (front) | IP43 |
| Ingress protection (back) | IP21 |
| LED fixings | Front access |
| Storage temperature range | -10 - +50°C |
| Operating conditions | 10 - 90 non-condensing |
| Operating temperature (min) | -10°C |
| Operating temperature (max) | 50°C |
| Colour | |
| Greyscale processing depth | 16 bits |
| Number of colours | 281 (trillions) |
| Refresh rate | >3840 Hz |
| Brightness | |
| Brightness (before calibration) | 800nits |
| Brightness (after calibration) | 800nits |
| Contrast ratio | 4,000 |
| Brightness control levels | 256 |
| Power | |
| Input power (max) | 72watts per panel |
| Power supply | 110-240 |
| Other | |
| Mechanical alignment adjustment | x/y/z (x/y/z planes) |
| Mitering | -90° |
| Mounting frame | Optional |
| Connectivity | |
| Connections | Inputs 2 x HDMI UHD 4K, 1 x HDMI FHD 1080P, 1 x DVI/HDMI, 1 x HDBaseT 4K, 1 x DisplayPort 4K, 1 x Component input via DVI-U, 1 x Composite video, 2 x 3G-SDI, 1 x VGA, 1 x RJ45 streaming, 2 x Microphone, 6 x Stereo analogue audio Outputs 1 x DVI/HDMI, 1 x HDMI UHD 4K, 1 x HDBaseT 4K, 1 x Speaker Control 1 x RS232, 1 x RJ45 |