

# THD3125

Optimised LED display panel - 3.1mm pixel pitch



- **Optimised, high-resolution indoor LED display panel**
- **Easy installation and maintenance – surface mount and front access**
- **Ultra-thin panel depth - discreet, space-saving design**
- **Ultimate reliability – for peace of mind**

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 LED display panels blend discretely into any corporate, higher education, hospitality and digital signage environment. Perfect for individuals looking to invest in visual equipment, or looking to replace current Large Format Displays (LFD), Video Walls and direct view LED displays.



## Specifications

|                                 |                               |
|---------------------------------|-------------------------------|
| <b>Screen</b>                   |                               |
| Minimum viewing distance        | 3.1m                          |
| Dimensions (W x D x H) mm       | 500 x 54 x 281.25             |
| Net weight                      | 4.3 kg                        |
| <b>LEDs</b>                     |                               |
| Pixel pitch (H x V)             | 3.1mm                         |
| LEDs per pixel                  | 1R1G1B                        |
| Red wavelength (dominant)       | 620nm                         |
| Green wavelength (dominant)     | 520nm                         |
| Blue wavelength (dominant)      | 465nm                         |
| <b>Pixels</b>                   |                               |
| Pixel configuration             | SMD 3-1                       |
| LED face colour                 | Black                         |
| LED size                        | SMD1010                       |
| Pixel resolution (width)        | 160 pixels/module             |
| Pixel resolution (height)       | 90 pixels/module              |
| Pixels per area                 | 230,400 pixels/m <sup>2</sup> |
| <b>Module</b>                   |                               |
| Active module width             | 500mm                         |
| Active module height            | 281.25mm                      |
| Standard active module area     | 0.1406m <sup>2</sup>          |
| Viewing angle - horizontal      | >160°                         |
| Viewing angle - vertical        | >160°                         |
| Ingress protection (front)      | IP43                          |
| Ingress protection (back)       | IP21                          |
| LED fixings                     | Front access                  |
| Storage temperature range       | -10°C - 50°C                  |
| Operating conditions            | 10 - 90 non-condensing        |
| Operating temperature range     | -10°C - 50°C                  |
| <b>Colour</b>                   |                               |
| Greyscale processing depth      | 16 bits                       |
| Number of colours               | 281 (trillions)               |
| Refresh rate                    | >3840 Hz                      |
| <b>Brightness</b>               |                               |
| Brightness (before calibration) | 800nits                       |
| Brightness (after calibration)  | 800nits                       |
| Contrast ratio                  | 4,000                         |
| Brightness control levels       | 256                           |
| <b>Power</b>                    |                               |
| Input power (max)               | 89watts per panel             |
| <b>Other</b>                    |                               |
| Mechanical alignment adjustment | x/y/z (x/y/z planes)          |
| Mitering                        | -90°                          |
| Mounting frame                  | Optional                      |

