

# UHD261056

Optimised 4K UHD LED display – 10 x 5.6m (452" diagonal)

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- **High calibre, high-resolution indoor UHD 4K 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 4K UHD LED displays blend discretely into any corporate, higher education, hospitality and digital signage environment.



# Specifications

<b>Screen</b>	
Screen resolution	UHD (3840x2160)
Screen size (diagonal)	452"
Screen size	10000 x 5625
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	10000 x 54 x 5625
<b>Screen processing</b>	
Scaler-switcher	LS200T
Sender	CTRL4K
<b>LEDs</b>	
Pixel pitch (H x V)	2.604mm
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	SMD2020
Pixel resolution (width)	192 pixels/module
Pixel resolution (height)	108 pixels/module
Pixels per area	147,456 pixels/m <sup>2</sup>
<b>Module</b>	
Active module width	10,000mm
Active module height	5,625mm
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 - +50°C
Operating conditions	10 - 90 non-condensing
Operating temperature (min)	-10°C
Operating temperature (max)	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)	72watts per panel
Power supply	110-240
<b>Other</b>	
Mechanical alignment adjustment	x/y/z (x/y/z planes)
Mitering	-90°
Mounting frame	Optional
<b>Connectivity</b>	
Connections	<b>Inputs</b> 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 <b>Outputs</b> 1 x DVI/HDMI, 1 x HDMI UHD 4K, 1 x HDBaseT 4K, 1 x Speaker <b>Control</b> 1 x RS232, 1 x RJ45