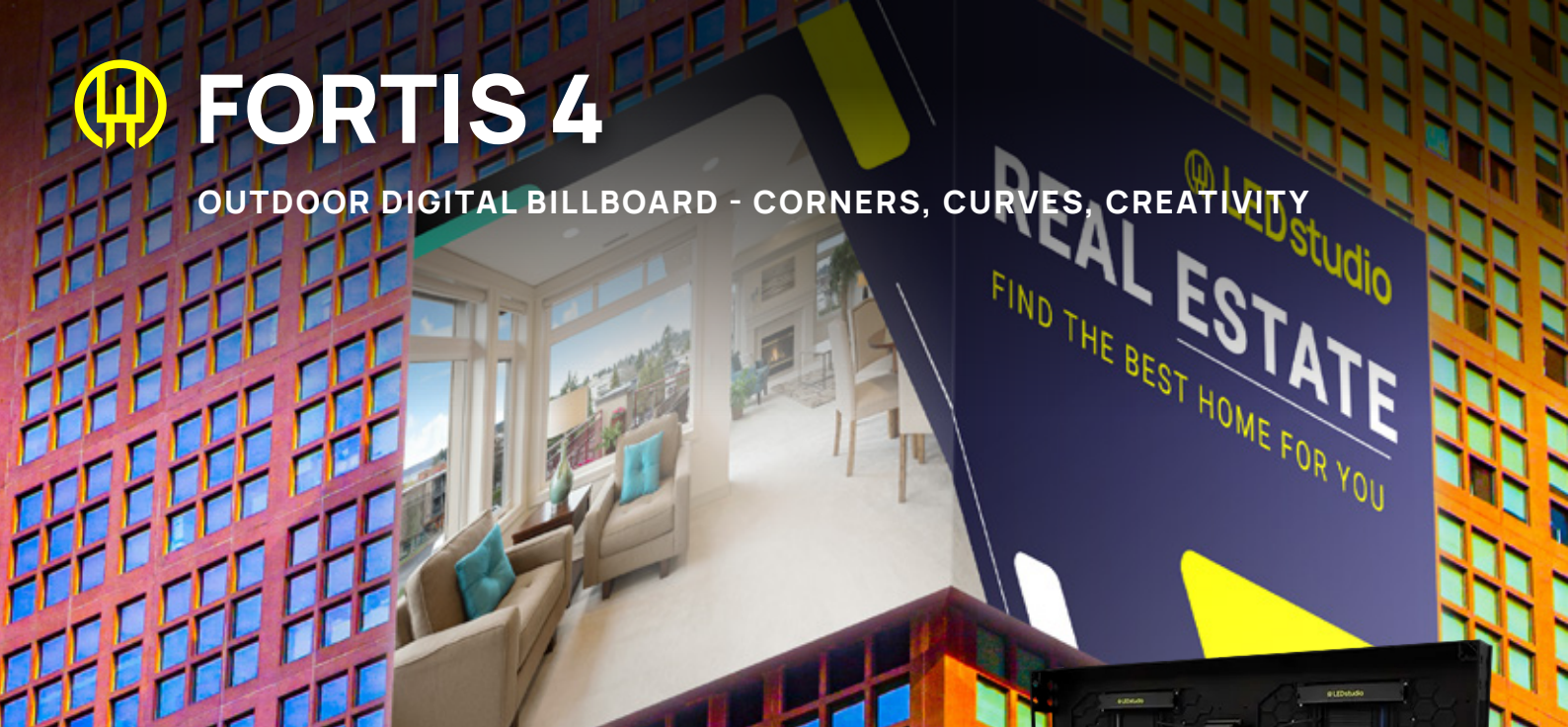




# FORTIS 4

OUTDOOR DIGITAL BILLBOARD - CORNERS, CURVES, CREATIVITY



PIXEL OPTIONS - SMD | DIP | SMD (FOCAL)



Front & Rear Service



Up to 8000:1 Contrast Ratio



Custom Cabinet/Framework



Multiple Pixel Pitches 3.9-16.6



90° Cabinet Arrays



Concave & Convex Curves



Thermodynamic Power Supplies



IP65



Increased Lens UV Resistance



Slim design - < 85mm depth



## Multiple Pixel Pitches:

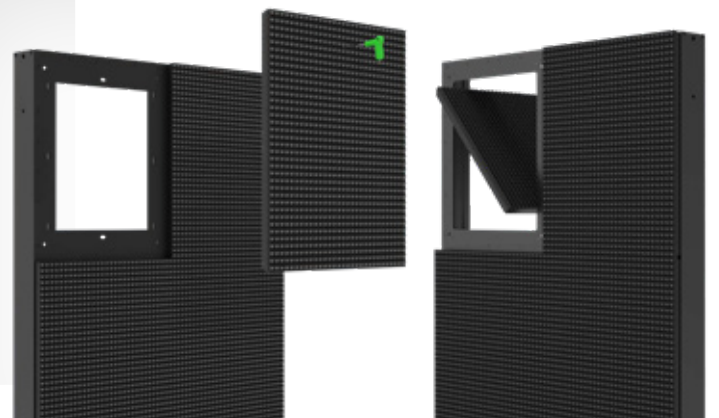
SMD - P3.9, P4.8, P6.9, P10.4

DIP - P16.6

SMD (FOCAL) - P10

## Efficient Install & Serviceability

Gain quick and easy access to key components with front or rear access.



Contact us: +44 (0)20 3832 9500

[www.theledstudio.com](http://www.theledstudio.com)

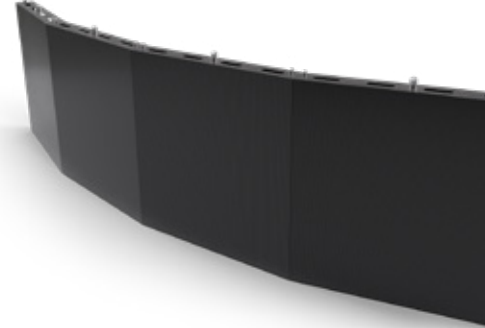
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## 90° & Concave/Convex Curved Support

Elevate your digital signage game with FORTIS 4 – designed for the extraordinary. Our cutting-edge displays accommodate curves and 90-degree corners, unleashing the power of anamorphic 3D-style content. Transform building corners into captivating canvases for breathtaking visuals. Explore FORTIS 4 for jaw-dropping signage solutions that defy expectations.



## Custom Cabinet/ Framework

We can craft custom-sized frameworks or locally fabricate them for screen deployment, effectively reducing shipping expenses. Our commitment to excellence means we collaborate closely with local suppliers to deliver top-tier engineering, no matter where you are in the world.



## Thermodynamic power supplies – Improved energy efficiency and heat dissipation

Unlock the future of digital signage with our thermodynamically optimised solutions. Our power supplies and module structure have undergone rigorous R&D to harness the full potential of thermodynamics. Experience superior heat dissipation, revolutionising energy efficiency for unmatched performance.

## IP65

Thanks to its fully IP65 rating, the FORTIS 4 can resist dust, heavy rain, and even torrential rain. No matter the season or location, you can confidently showcase your content without worrying about the elements. The robust construction guarantees longevity, allowing the billboard to endure extreme temperatures and fluctuating climates, making it an ideal choice for any outdoor application.



## Up to 8000:1 contrast ratio – Content stands out, even in the brightest of outdoor scenarios

Contrast is crucial for a display's visual performance because it determines the difference between the brightest whites and the darkest blacks it can produce. High contrast enhances image clarity, detail, and readability, ensuring a more immersive and enjoyable viewing experience. It allows displays to render a broader range of colours and shades, providing better depth and realism in images, videos, and graphics.

## Increased lens UV resistance – improves contrast during daytime usage

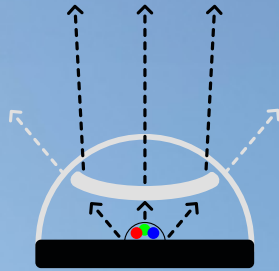
Meticulously designed pixel lenses protect LEDs from UV and the elements, ensuring long-lasting brightness, contrast, and vibrancy throughout the screen's life-cycle. Discover superior durability and clarity that stands the test of time.

## Standard lens VS FOCAL lens

Our cutting-edge lens design enhances outdoor digital billboards, optimising contrast in high ambient light conditions. Witness captivating content with unrivalled visual impact. Unleash the power of pixels, making your messages shine brighter than ever before. Step into the future of billboard displays with FOCAL.



Standard lens diagram



Focal lens diagram



## SPECIFICATIONS

FORTIS 4						
Pixel Pitch (mm)	3.91	4.81	6.94	10.4	16.6	10
Pixel Configuration	SMD				DIP	SMD FOCAL
Module Size (H x W)	250x500mm 9.84x19.7in				300x600mm 11.81x23.62in	
Module Resolution (H x W)	64x128	52x104	36x72	24x48	18x36	30x60
Cabinet Dimensions (H x W x D)	1000x500x80.7mm* 39.37x19.7x3.18in				1200x600x80.7mm* 42.24x23.62x3.18in	
Weight (kg/lbs)	24 / 52.91				26 / 57.32	27 / 59.52
Viewing Angle	160 °/120 °				110 °/45 °	100 °/50 °
Brightness (cd/m <sup>2</sup> )	5000 nits		8000 nits		10000 nits	
Max Power Consumption (W/m <sup>2</sup> / W/ft <sup>2</sup> )	≤650/60.39		≤570/52.95		≤450/41.81	≤200/18.58
Average Power Consumption (W/m <sup>2</sup> / W/ft <sup>2</sup> )	≤200/18.58		≤190/17.65		≤150/13.93	≤65/6.04
IP Rating	IP65					
Grey Level	16 Bit					
Refresh Rate	≥3840Hz					
Maintenance	Front & Rear					

\*All data contained is subject to change based on project requirements.

\*Cabinet dimensions may change based on display application and installation requirements.

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LED display technology  
for tomorrow's world. ↴

Please contact us if you have any questions,  
we're always happy to help

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