

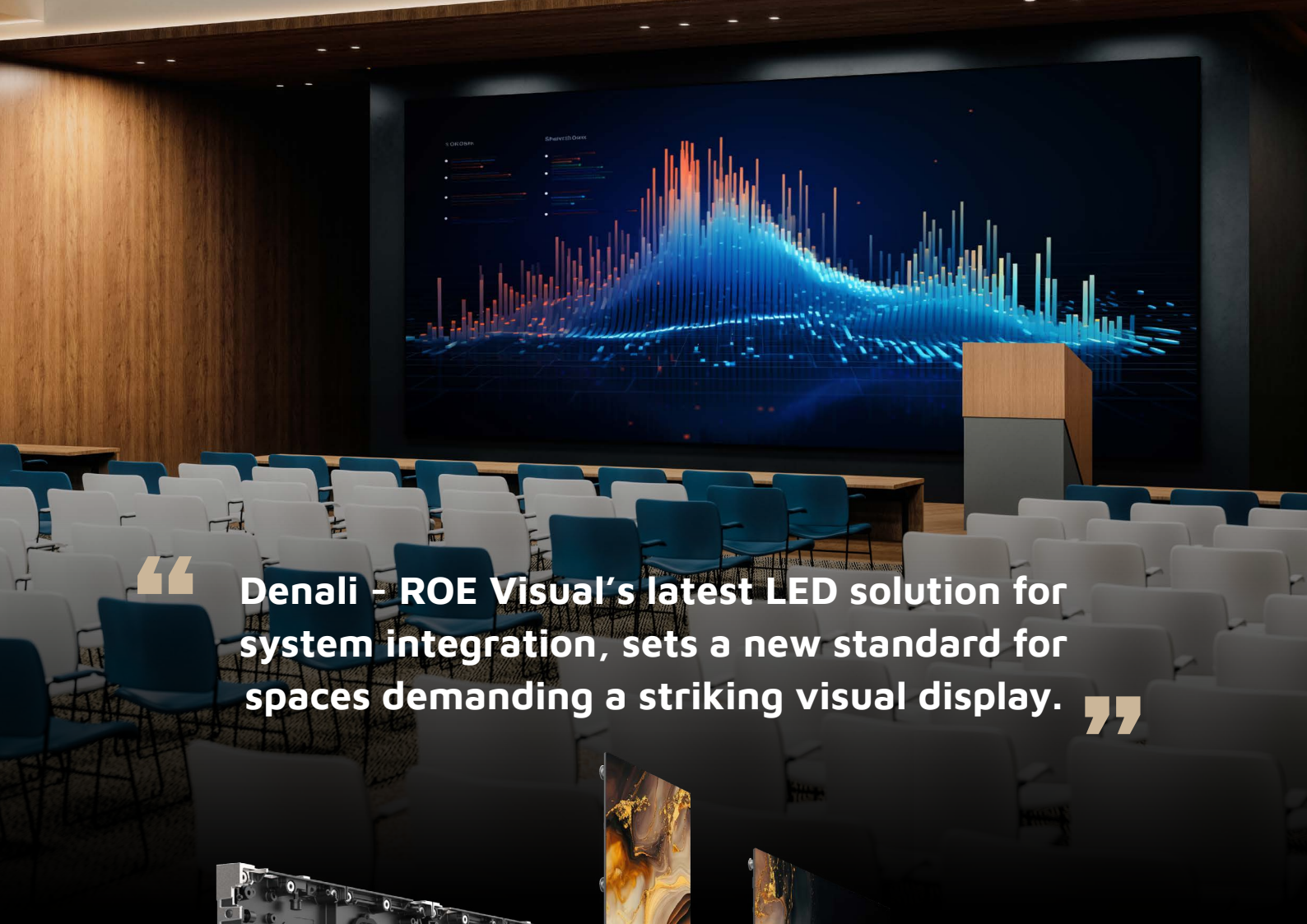
# ROE Display Solutions



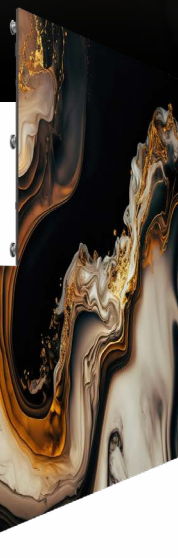
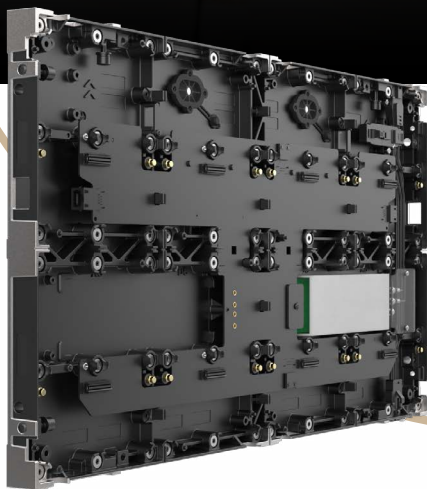
## Denali

True MicroLED Meets Visual Performance

INDOOR FIXED INSTALL



**“ Denali – ROE Visual’s latest LED solution for system integration, sets a new standard for spaces demanding a striking visual display. ”**



For spaces that demand striking visual impact, Denali delivers best-in-class specifications, unmatched stability, and energy-efficient performance. With an ultra-fine 0.78mm pixel pitch and a native 16:9 resolution, its sleek frame ensures a seamless and perfect viewing experience.

Denali, ROE Visual’s latest innovation in system integration, introduces groundbreaking Micro LED In Package (MIP) technology. The result is an energy-efficient, high performing display with exceptional contrast, and an ultra-wide viewing angle.

Denali redefines what’s possible for visual displays.



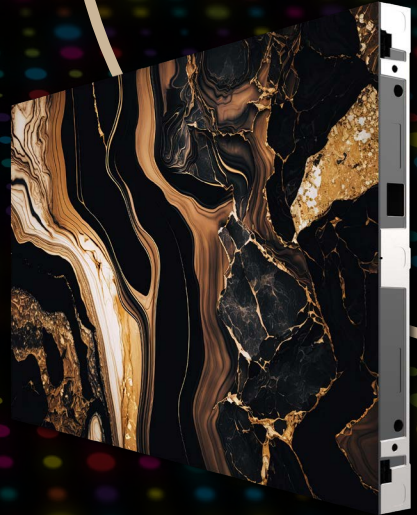
## Cutting-Edge MIP Technology for Enhanced Contrast, Viewing Angles, and Uniformity

Denali's MIP technology sets a new benchmark in visual performance. Bringing the Future in Pixels, Denali delivers exceptional contrast and an ultra-wide viewing angle in a revolutionary micro-chip design.

**99.03%**  
**Black Area Ratio**



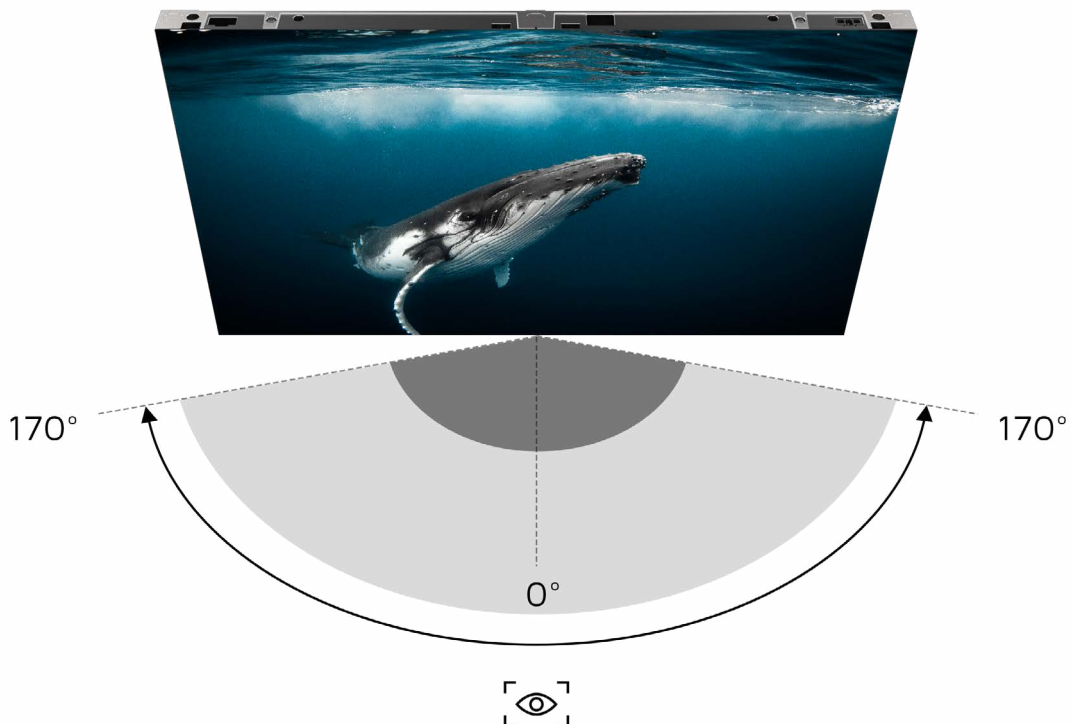
At a microscopic scale—smaller than the diameter of a human hair—Denali's chip design achieves an impressive 99.03% black area ratio, contributing to an almost true-black LED surface.



Using an innovative **no-substrate micro LED design** eliminates substrate refraction, resulting in an even brighter light output angle. This breakthrough technology enhances application potential, ensuring audiences enjoy stunning visuals from any position.



Micro LED In Package





**MiP**

MiP technology

Leveraging advanced **Fan-Out package technology** for Micro LED applications, Denali ensures precise measurement processes that uphold the highest quality standards. This innovation enables uniform module production, resulting in a flawlessly even LED display surface with unmatched visual consistency.



High black level



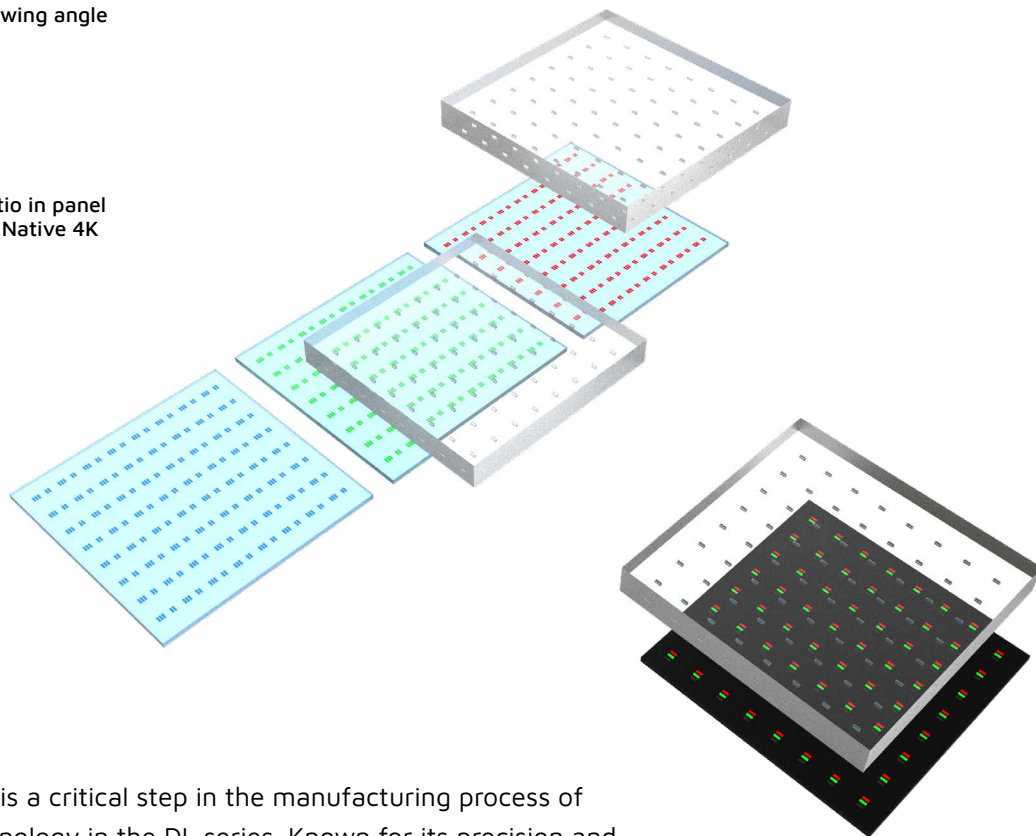
Ultra wide viewing angle

16:9

16:9 ratio in panel design. Native 4K



Energy efficient



**Mass transfer** is a critical step in the manufacturing process of Micro LED technology in the DL series. Known for its precision and efficiency, this process ensures stable production, with reliable quality and exceptional performance.



## Save on Energy Consumption

Utilizing common cathode and flipchip Micro LED technology, paired with a high-efficiency power supply, Denali reduces energy consumption by up to 40% compared to traditional LED panels. This advanced design ensures a stable, low panel temperature, resulting in superior color performance and an extended lifespan.



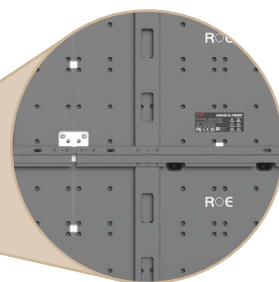
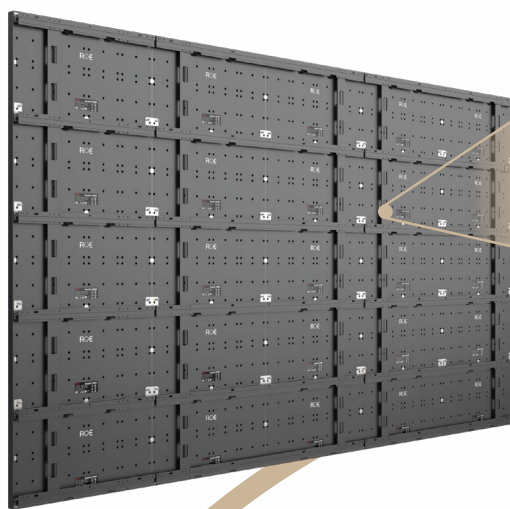
**40%  
reduction**



**16:9 ratio**

## Modern Elegance in High Precision

Denali's ultra-slim 55mm panel and frame design bring a touch of modern elegance to any space. With a native 16:9 aspect ratio and precise 600mm x 337.5mm dimensions, it ensures seamless integration. A meticulously engineered, high-precision mounting frame further enhances effortless installation for a flawless visual experience.

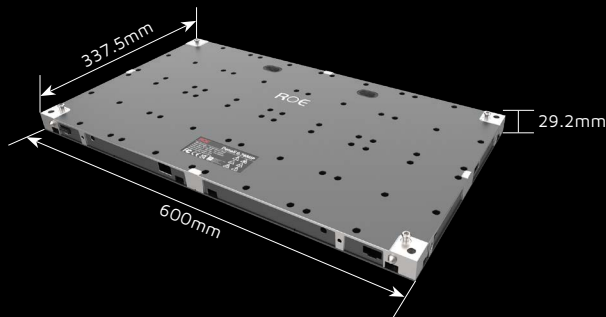


# Specifications

Denali	Denali 0.78 MIP
Pixel Pitch	0.78mm
LED Configuration	Micro LED in Package
Max Brightness Calibrated	600nits
Panel Dimension	600mm x 337.5mm x 29.2mm   23.62" x 13.29" x 1.15"
Panel Resolution (H x V)	768 x 432
Weight Per Panel	5.5kg; 12.13lbs
Power Consumption Max / Average	80W / 40W
BTU Max / Average	270 / 135
Transparency	Solid
Serviceability	Front
Viewing Angle Horizontal	170°
Viewing Angle Vertical	170°
Refresh Rate	7680Hz
Gray Scale	16bit
Frame Material	Aluminum Alloy
Processing Platform	Megapixel VR
Operational Temp / Humidity	-20°~ 45°C, 10~90%RH   -4°~113°F, 10~90%RH
Storage Temp / Humidity	-40°~ 60°C, 10~90% RH   -40°~140°F, 10~90% RH
IP Rating (Front / Reverse)	IP40

Notes: The specifications are for reference, actual values may vary.

# Dimensions



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

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