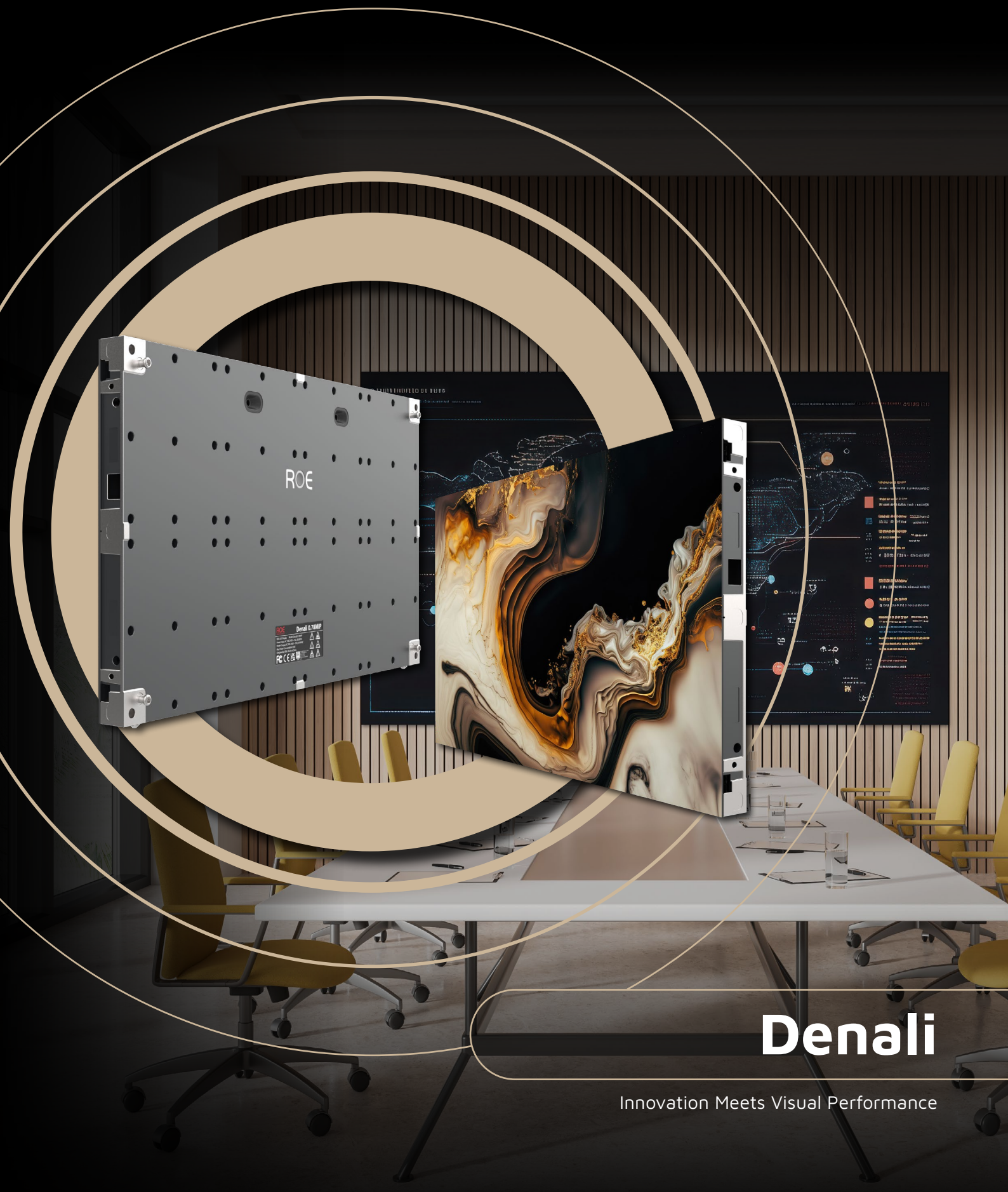
ROE Display Solutions

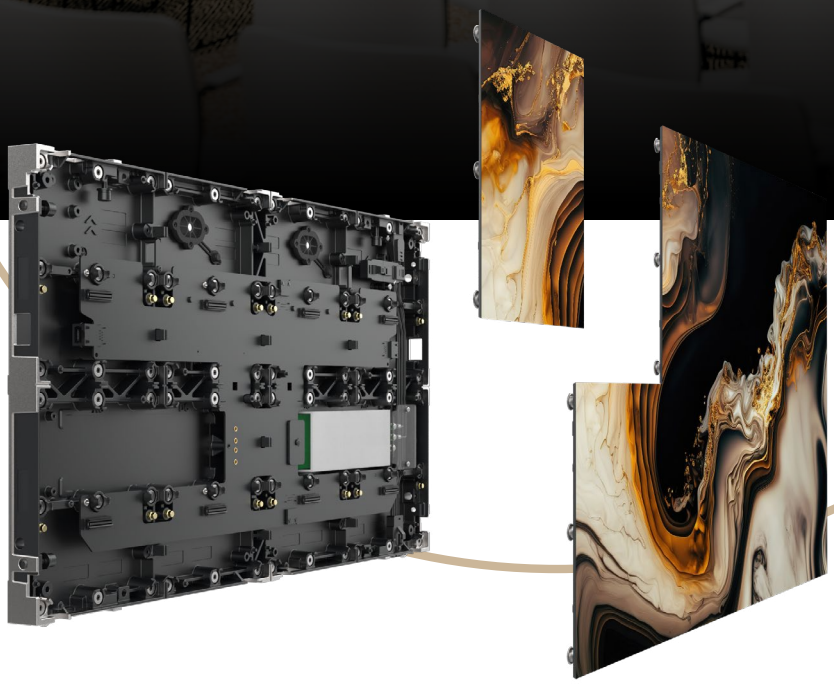


Denali

Innovation Meets Visual Performance

INDOOR FIXED INSTALL

“Denali - ROE Visual’s LED solution for system integration, sets a new standard for any space that requires an arresting visual display.”



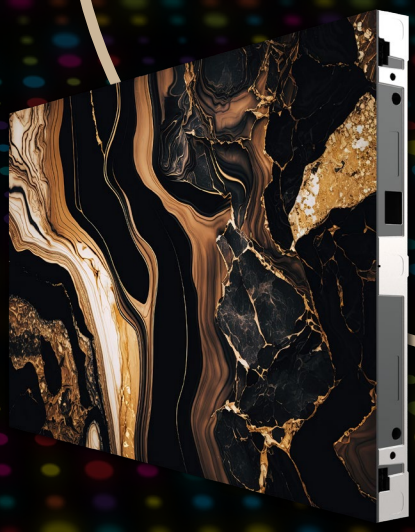
Are you looking for a visual solution that stands out in space that requires eye-catching visuals? Denali offers best-of-class specifications, a stable performance and low energy consumption. Available in a pixel pitch of 0.78mm the panel has a native 16:9 resolution in a sleek frame.

Denali - ROE Visual’s latest LED solution for system integration, uses the groundbreaking Micro LED In Package (MIP) technology. This results in energy-efficient LED panels with incredible contrast and and a wide viewing angle.

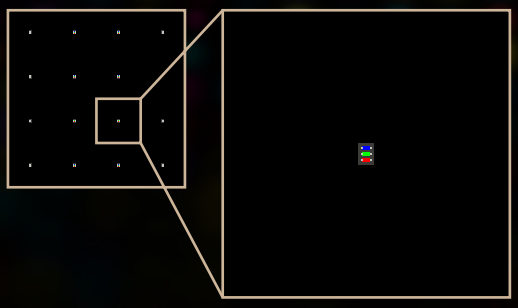
Denali sets new standards for arresting visual display.

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 offers exceptional contrast and a wide viewing angle in micro chip size.



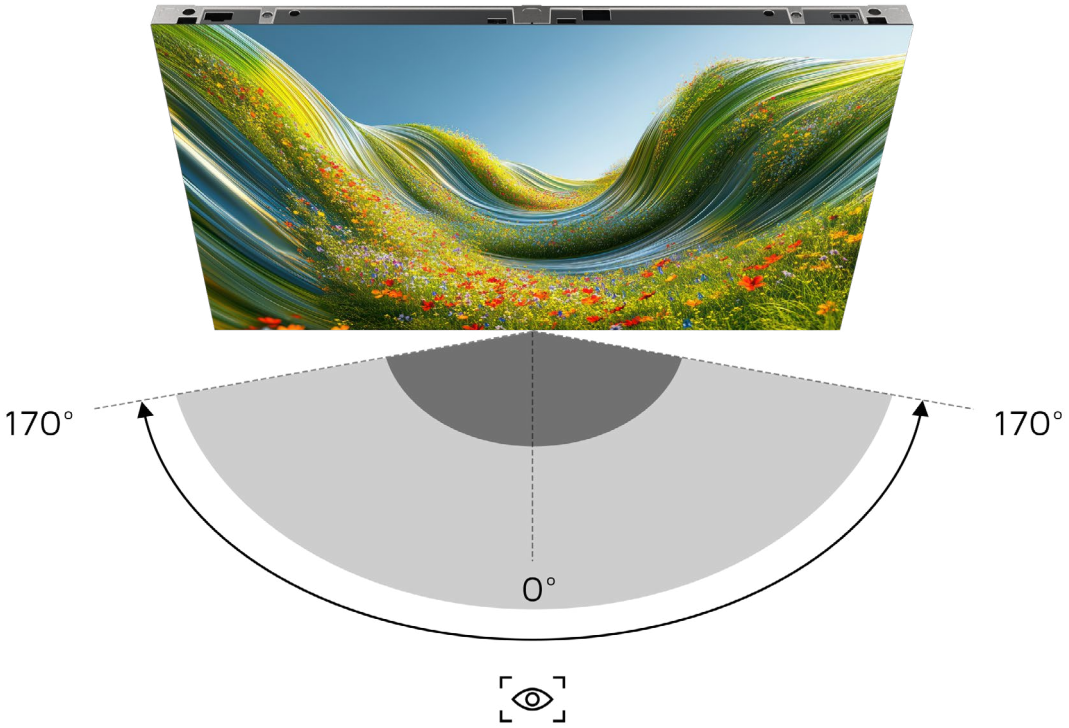
99.03%
Black Area Ratio



The microscopic scale of the chip, smaller than the diameter of a human hair, enables an impressive 99.03% black area ratio, contributing to an almost black LED surface that delivers exceptional contrast.

Using an innovative **no-substrate micro LED design** eliminates substrate refraction, resulting in an even broader light output angle. This technology enhances the overall visual performance, allowing audiences to enjoy stunning visuals from any position.

Micro LED **I**n **P**ackage



MIP technology

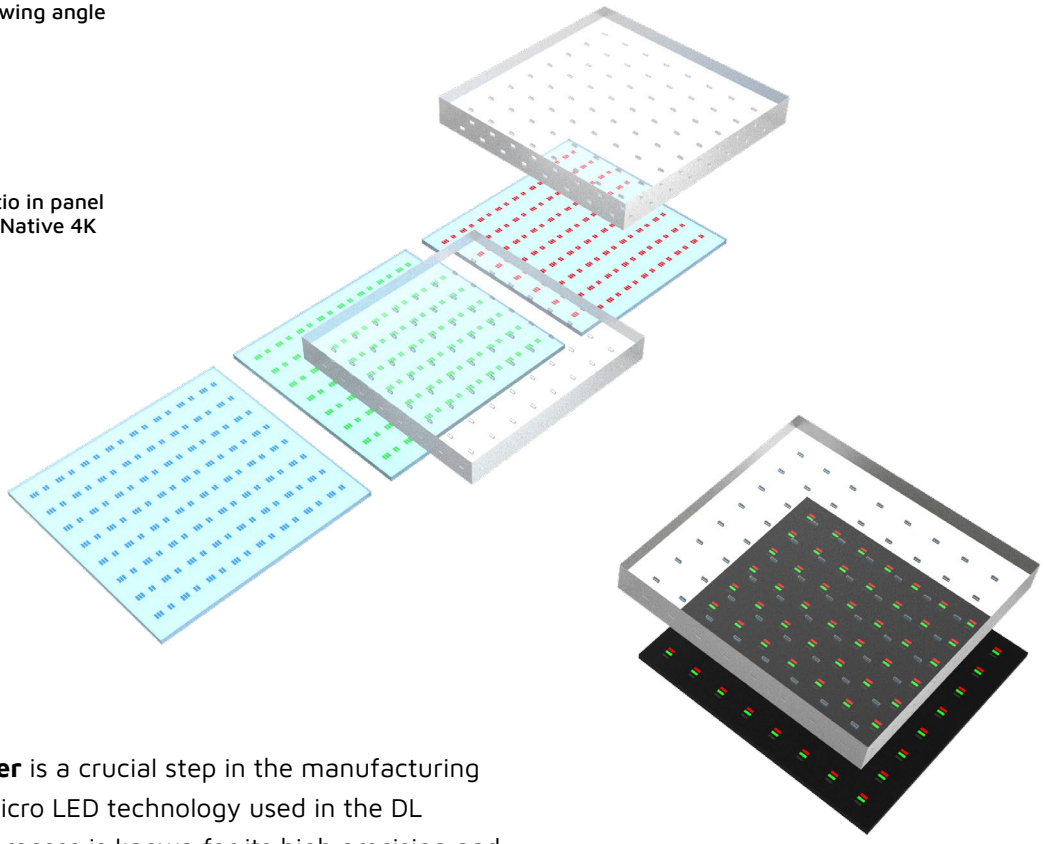
High black level

Ultra wide viewing angle

16:9 ratio in panel design. Native 4K

Energy efficient

The advanced **Fan-Out package technology** is used for Micro LED application, facilitating the measurement processes to ensure that each module meets stringent quality standards. This technology results in a uniform module production to guarantee an even and flawless LED display surface.

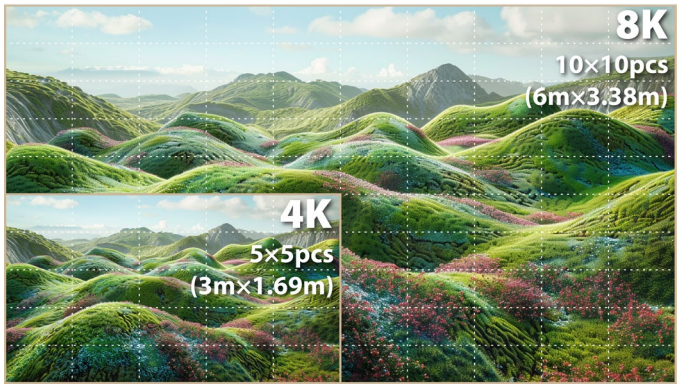


Mass transfer is a crucial step in the manufacturing process of Micro LED technology used in the DL series. This process is known for its high precision and efficiency, ensuring stable production of the DL series with reliable quality and excellent performance.

Save on Energy Consumption

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

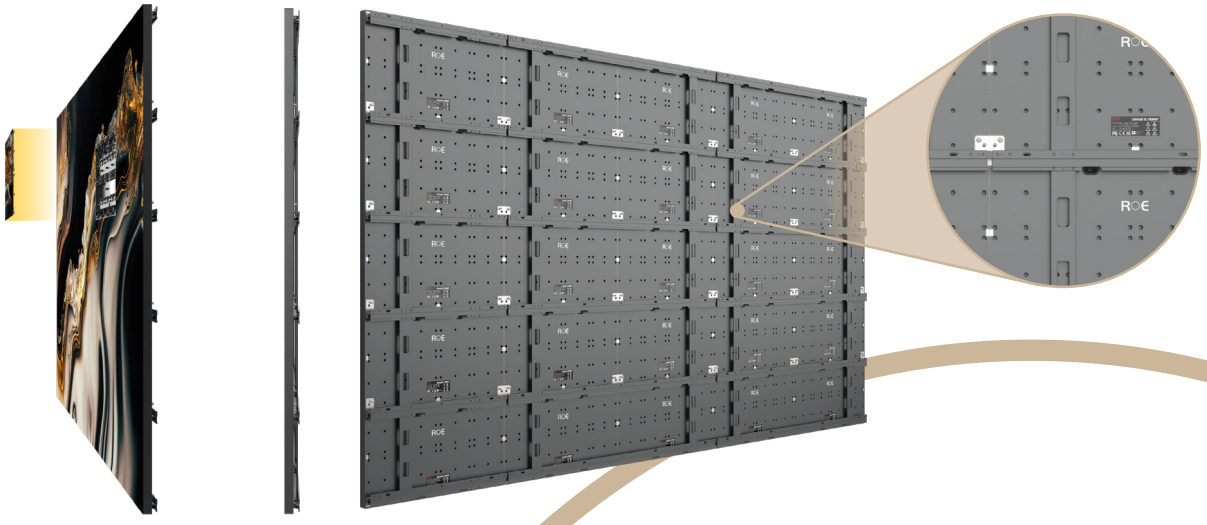
40% reduction



16:9 ratio

Modern Elegance in High Precision

Denali's sleek panel and frame design, measuring a mere 55mm, introduces a touch of modern elegance to any space. The panels have a standard native 16:9 aspect ratio, measuring 600mm x 337.5mm. Equipped with a meticulously engineered, high-precision mounting frame, seamless integration into any environment is a breeze.

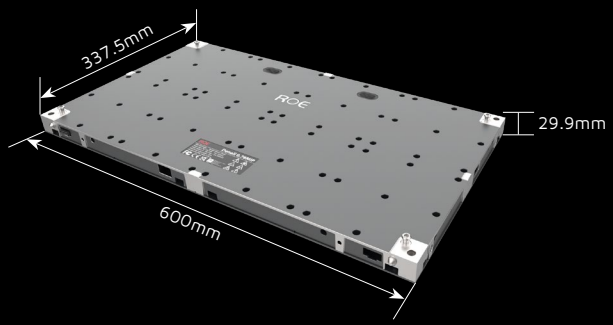


Specifications

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 29.9mm | 23.62" x 13.29" x 1.18"
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



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