

Specifications

Module	DM2.6
Pixel Pitch	2.60mm
Max. Brightness Calibrated	1,500nits
Panel Dimension	500 x 500 x 80mm 19.7" x 19.7" x 3.2"
Panel Resolution (H x V)	192 x 192
Weight per panel	5.76kg; 12.7lbs
Power Consumption Max/Average	180W / 90W
BTU Max/Average	614 / 282
Transparency	Solid
Max. Curving degree	Concave 10° ~ Convex 5°
Max. Hanging (panels)*1	20
Max. Stacking (panels)*2	10
LED Configuration	SMD 1515 Black
Viewing Angle Vertical	140°
Viewing Angle Horizontal	140°
Multiplexing	16
Refresh Rate	3840Hz
Gray Scale	16bit
Frame Material	Magnesium Alloy
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/rear)	Indoor
Certifications	CE, ETL,TUV

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

1. The max. hanging amount is only valid when the ROE Visual hanging bar and complementary accessories are used and in an indoor situation. No climbing is allowed.
2. The max. stacking amount is only valid when the ROE Visual stacking system and complementary accessories are used, sufficient ballast is applied and in an indoor situation. No climbing is allowed.

Dimensions



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ROE
CREATIVE DISPLAY

DIAMOND SERIES

The Lightweight, Small-Pitch Alternative

INDOOR LED PANELS

Diamond Series

offers the excellent small-pitch alternative

The Diamond Series is an affordable, LED panel with a vivid viewing experience. The Diamond Series screens caters for visual brilliance and a flawless finish in a lightweight panel. The impeccable quality makes it the ideal choice for corporate and live event solutions.

Cost-efficient



Lightweight panel design



Saves transport volume



Black LED for high contrast and brightness



Key-Features

Curved configuration possible



Indoor use



90° corner



Pixel pitch
DM2.6 - 2.6mm
DM3.9 - 3.9mm



Curving Capability

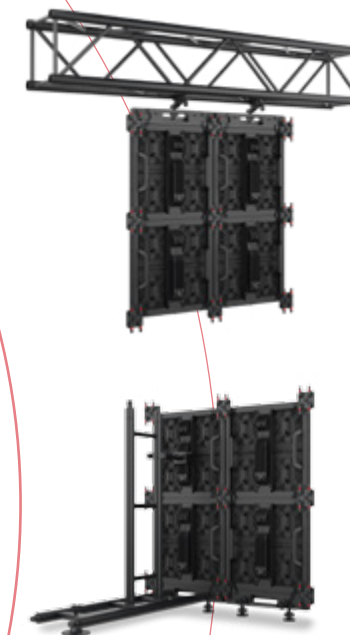
Concave and convex curving capabilities provide expanded exibility to realize uniquely creative stage design.



Hanging or Stacking Configuration

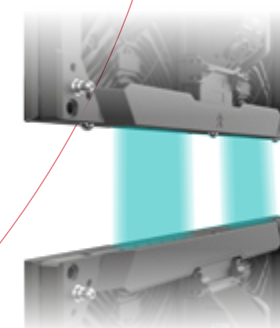
Efficient and cost-effective hanging or stacking options:

- Combined Hanging/Base Bar 500mm + Trigger Clamp
- Combined Hanging/Base Bar 1000mm + Trigger Clamp
- ROE Stacking System Rear truss - 1000mm
- ROE Stacking System Base truss - 910mm



Magnet-assited Assembly

Magnets are integrated into the Diamond panels offering easy setup in both hanging or stacking configurations.



“Cost-effective and cutting-edge LED design and technology”

Ultra-Lightweight

Diamond panels measure 500x500mm and weigh less than 6 kilo per panel. Lightweight magnesium alloy frame ensures extreme durability.

Superb Visual

The sleek design with Black LED's add high contrast and brightness for a vivid viewing experience.

Accessories and panel locks



Connection Plate Adjustable
-10 to +5° - 4-Way



Connection Plate Adjustable
-10 to +5° - 2-Way



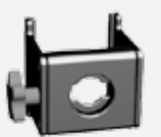
Connection Plate Fixed
2-Way - Indoor only



Connection Plate Fixed
4-Way - Indoor only



Stacking System
Rear Connector



Stacking System
Adapter Rear Connector