

Specifications

Module	DM2.6	DM3.9
Pixel Pitch	2.60mm	3.91mm
Max. Brightness Calibrated	1,500nits	1,500nits
Panel Dimension	500 x 500 x 80mm 19.7" x 19.7" x 3.2"	500 x 500 x 80mm 19.7" x 19.7" x 3.2"
Panel Resolution (H x V)	192 x 192	128 x 128
Weight per panel	5.76kg; 12.7lbs	5.76kg; 12.7lbs
Power Consumption Max/Average	180W / 90W	150W / 75W
BTU Max/Average	614 / 282	512 / 235
Transparency	Solid	Solid
Max. Curving degree	Concave 10° - Convex 5°	Concave 10° - Convex 5°
Max. Hanging (panels)*1	20	20
Max. Stacking (panels)*2	10	10
LED Configuration	SMD 1515 Black	SMD 2020
Viewing Angle Vertical	140°	140°
Viewing Angle Horizontal	140°	140°
Multiplexing	16	16
Refresh Rate	3840Hz	3840Hz
Gray Scale	16bit	16bit
Frame Material	Magnesium	Magnesium
Operational Temp / Humidity	-20°~ 45°C, 10-90%RH -4°~113°F, 10-90%RH	-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	-40°~ 60°C, 10-90% RH / -40°~140°F, 10-90% RH
IP Rating (front/rear)	Indoor	Indoor
Certifications	CE, ETL,TUV	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.

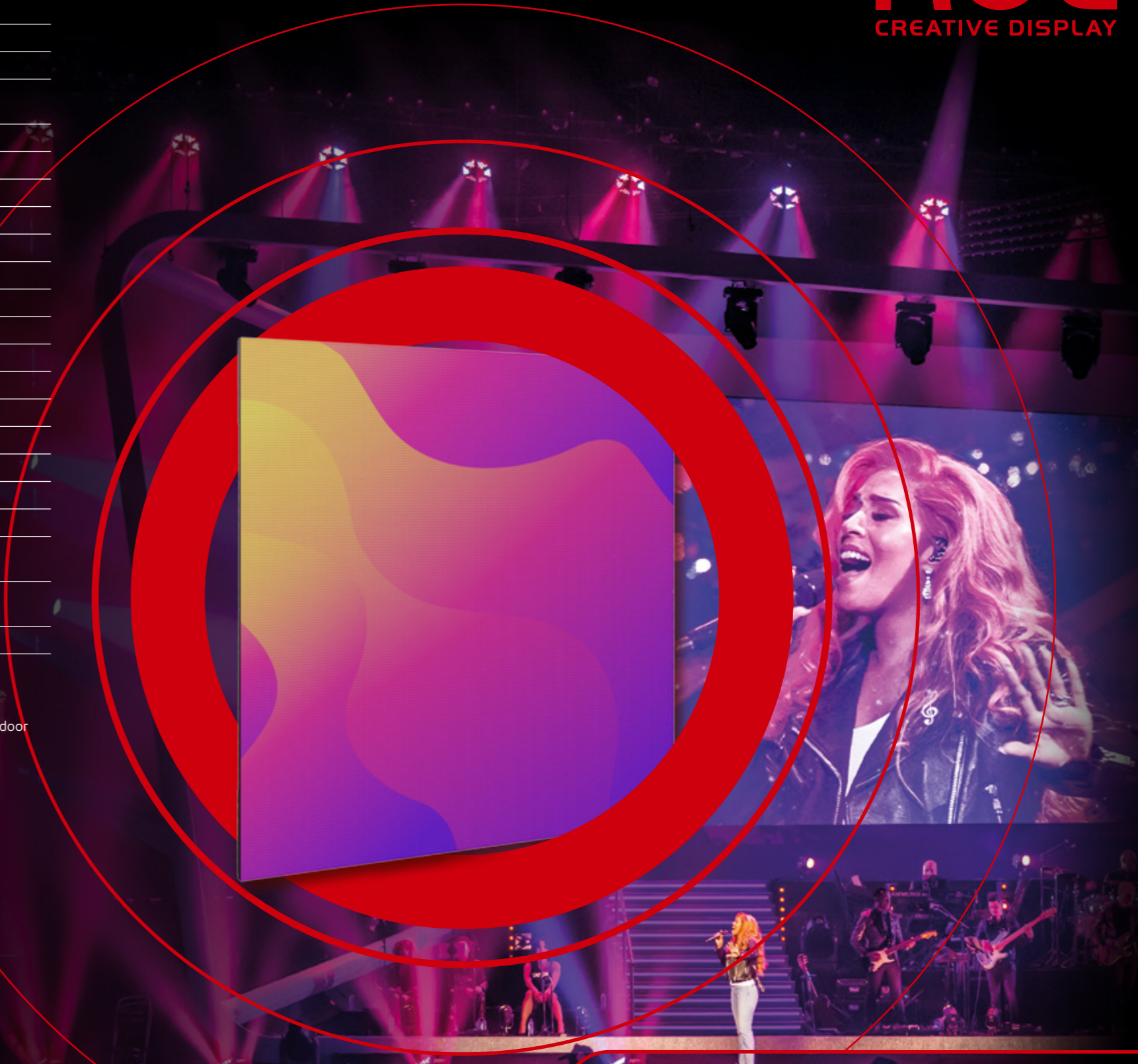
Dimensions



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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

90° corner

Black LED for high contrast and brightness

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

Curved configuration possible

Indoor use

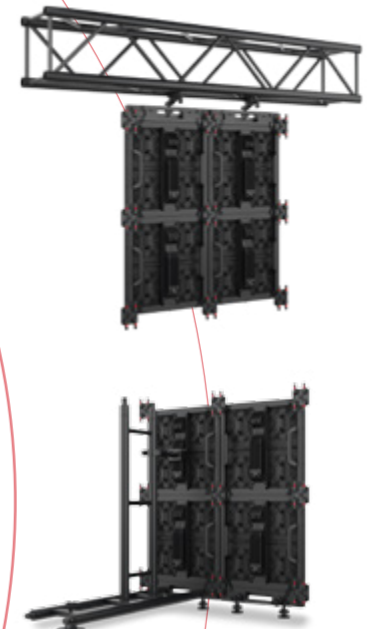


Key-Features



Curving Capability

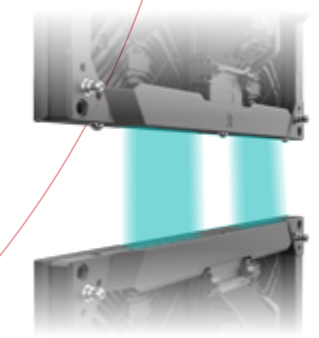
Concave and convex curving capabilities provide expanded exibility to realize uniquely creative stage design.



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-assisted 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