



ROE BLACK PEARL – 2.8MM

Specification Sheet

KEY FEATURES



Brompton Processor



Tile Frames Made of Magnesium Alloy



Panel modules individually store parameters



High Refresh Rate

OVERVIEW

Elevate your visual endeavors with the ROE Black Pearl – 2.8MM, featuring a 2.8mm pixel pitch for exceptional clarity and vibrant colors. Its versatile design is perfect for various indoor events and installations, providing a user-friendly interface for tailored content displays.



SPECIFICATIONS

Pixel Pitch	2.84 mm	Tile Weight	9.4kg
Max Brightness Calibrated	1500 nits (Nation Star 1515)	Max. Stacking	12 tiles
Panel Dimension	500mmx500mmx90mm 19.7"x19.7"x3.5"	Max. Hanging	20 tiles
Pixel /Tile	176x176	Max. Power Consumption	640W/sqm
Pixel Density	123904/sqm	Lifetime	50000h
LED Configuration	Black SMD 3-in-1	Curve(optional)	Concave (Max. 10°) Convex (Max. 10°)
Viewing Angle(HorNert)	140°/140°	Controller	Evision
Refresh Rate	1920Hz	Operating Temp/Humidity	-20° C-45° C, 10~90%RH
Contrast	5000:1	Storage Temp/Humidity	-40° C-60° C, 10~90%RH
Gray Scale	14bit	Tile Material	Magnesium Alloy
Scan	1/11		

*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, safety factor is 8. 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.