

# ROE Display Solutions



## Coral

The Impeccable Visual Experience

INDOOR FIXED INSTALL

With the innovative ROE CRB technology at its core, the Coral LED display offers an unrivaled dark black anti-reflection surface that will generate captivating imagery. Showcasing an array of groundbreaking user benefits, Coral guarantees an unsurpassed visual experience.

**HDR**

HDR technology



High uniformity



Sustainable choice,  
low energy  
consumption



Anti-reflective  
surface



Waterproof LED  
panel surface



CRB Technology



COB Technology

## CRB Technology on Coral

The patented CBR technology is ROE Visual's solution for an impeccable visual experience. Based on COB technology, ROE Visual's CBR technology unlocks a realm of graphic possibilities.

Coral stands out through its remarkable contrast ratio, matte surface with optimized anti-reflection properties, and unrivalled color consistency.

Undoubtedly, Coral with CRB technology is the choice for exacting user cases.



## Coral – An Impeccable Visual Experience

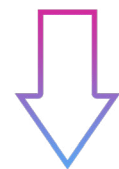
Coral provides a superb visual performance, making it a perfect choice for demanding circumstances, like broadcasting or corporate applications, where every detail matters. Coral boasts excellent product specifications, with a remarkable brightness of 1000 nits and a refresh rate of 7680Hz. Its 8:9 aspect ratio makes it a perfect fit for native 4K or 8K resolutions, guaranteeing impeccable visuals.

## Low Energy Consumption - Reduce Costs of Ownership

With its innovative Flip-chip common cathode LED design and carefully selected components, Coral reduces energy consumption by 20% and generates less heat.

Its customized Power Supply Unit (PSU) has a standby/power-off feature, enhancing the panels' energy efficiency by automatically shutting down when not in use.

By extending the panels' life cycle, you can adhere to a sustainable approach and reduce your cost of ownership.



**20%  
Reduction**



## Coral – Easy Does It

The Coral LED panel is deliverable in pixel pitches of 0.9 and 1.2 mm, offering stunning image quality and incredible detail. Measuring 600 x 675mm, the modular Coral LED panels fit any size or shape required. The Coral LED panels provide easy and efficient mounting, saving precious installation time.

# Specifications

Tile	Coral 0.9	Coral 1.2
Pixel Pitch	0.9375mm	1.25mm
LED Configuration	CRB (ROE patent matt surface treatment)	CRB (ROE patent matt surface treatment)
Brightness (Nit or CD/m <sup>2</sup> )	1000nits	1000nits
Panel Dimension	600mm x 675mm x 63mm 23.62" x 26.57" x 2.48"	600mm x 675mm x 63mm 23.62" x 26.57" x 2.48"
Module Size (W x H)	300mm x 337.5mm	300mm x 337.5mm
Panel Resolution (H x V)	640 x 720	480 x 540
Weight Per Panel	14kg / 30.86lbs	14kg / 30.86lbs
Power Consumption Max / Average	160W / 80W	160W / 80W
BTU Max / Average	545 / 250	545 / 250
Transparency	Solid	Solid
Serviceability	Front	Front
Viewing Angle Horizontal	160°	160°
Viewing Angle Vertical	140°	140°
Refresh Rate	3840Hz	7680Hz
Gray Scale	15bit	15bit
Frame Material	Die-casting Aluminum	Die-casting Aluminum
Processing Platform	Brompton / Megapixel / Novastar / Colorlight	Brompton / Megapixel / Novastar / Colorlight
Installation	Hanging / Stacking / Mounting	Hanging / Stacking / Mounting
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/Reverse)	IP40	IP40

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

## Dimensions



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

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