



Coral COB

Fine Pitch COB LED Panel for Unparalleled Visuals

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Introducing Coral, an exceptional LED panel platform designed for permanent installations. With remarkable visual performance, Coral's Chip on Board technology delivers high contrast, wide color gamut, and exceptional color accuracy, providing an unparalleled high-definition viewing experience. Its energy-efficient common cathode design saves costs and extends the panel's service life, making it a sustainable choice.

HDR

HDR supported
LED technology



COB Technology



Sustainable choice,
low energy
consumption



Waterproof LED
panel surface



COB Technology

Flip Chip COB Technology

The Coral series uses COB technology, creating a LED panel with an anti-static and water resistant surface. Due to the COB technology, the LED pixels are protected by a protective surface, even the smallest pixel pitches will have a minimal failure rate. The Coral LED panel has a stable and reliable performance, and minimal maintenance requirements.

Coral – An Impeccable Visual Experience

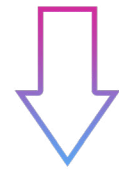
Coral provides a superb visual performance, making it a perfect choice for demanding circumstances, like broadcasting or corporate applications, where every detail matters. Coral boasts excellent product specifications, with a remarkable brightness of 1000nits and a refresh rate of 7680Hz. Its 8:9 aspect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

Low Energy Consumption - Reduce Costs of Ownership

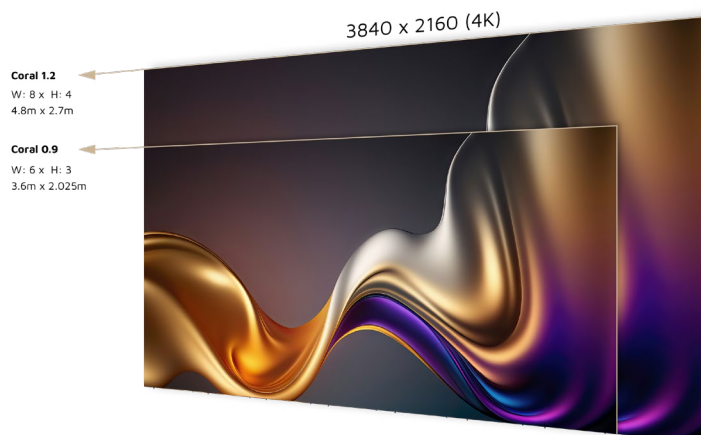
With its innovative Flip-chip common cathode LED design and carefully selected components, Coral reduces energy consumption by 20% and generates less heat.

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**



High Efficiency on Installation

The Coral LED panel is deliverable in pixel pitches of 0.9mm and 1.2mm, offering stunning image quality and incredible detail. Measuring 600mm 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 COB 0.9	Coral COB 1.2
Pixel Pitch	0.9375mm	1.25mm
LED Configuration	COB	COB
Brightness (Nit or CD/m ²)	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



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ROE China | ROE US | ROE EU | ROE UK | ROE JP | ROE ME | ROE AUS
roe@roevisual.com