

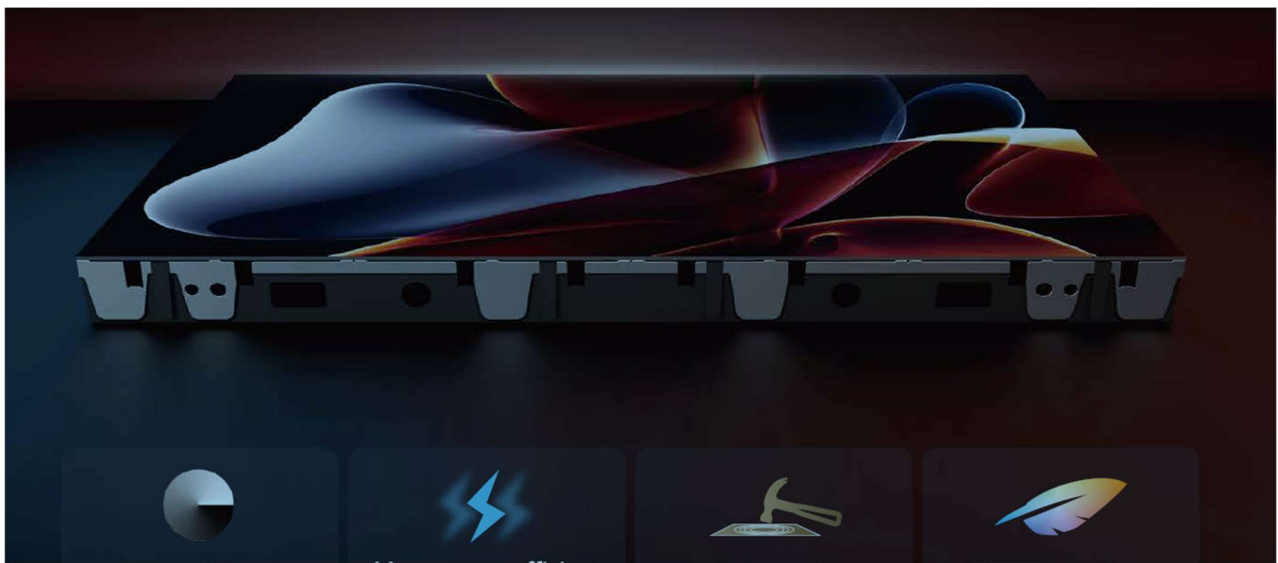


OSEL PRIMEA microLED



COB Technology & Flip chip technology

COB (chip on board) technology has excellent reliability, superior pixel pitch, and better energy efficiency. Flip-Chip can effectively reduce temperature, improve image contrast, and bring more energy saving.



TECHNICAL PARAMETERS FOR PRIMEA

Parameters	Values
Model	Primea
Pixel Pitch(mm)	1.25 mm
LED Type	COB
Cabinet Material	Die Cast Aluminium
Cabinet Size (WxH)	600mm x 337.5mm
Cabinet Resolution (WxH)	480 x 270 Pixels
Pixel Density(pixel/m ²)	640000
Brightness(nits)	800
Cabinet Aspect Ratio	16:9
Service Method	Front Service
Frame Rate	60 Hz
Horizontal Viewing Angle(°)	160
Vertical Viewing Angle(°)	160
Processing Depth	14 bit
Power Supply	AC100~240V (50/60Hz)
Power Consumption (W/m ²)	Max.360/ Avg.125
Ingress Protection (Front/Rear)	IP20
Contrast Ratio	20000:1
Refresh Rate(Hz)	3840
Lifetime(Hrs.)	1,00,000
Operation Temperature(°C)	-20~60
Operation Humidity(RH)	10~90% no condensation

Design and specifications are subject to change without notice.