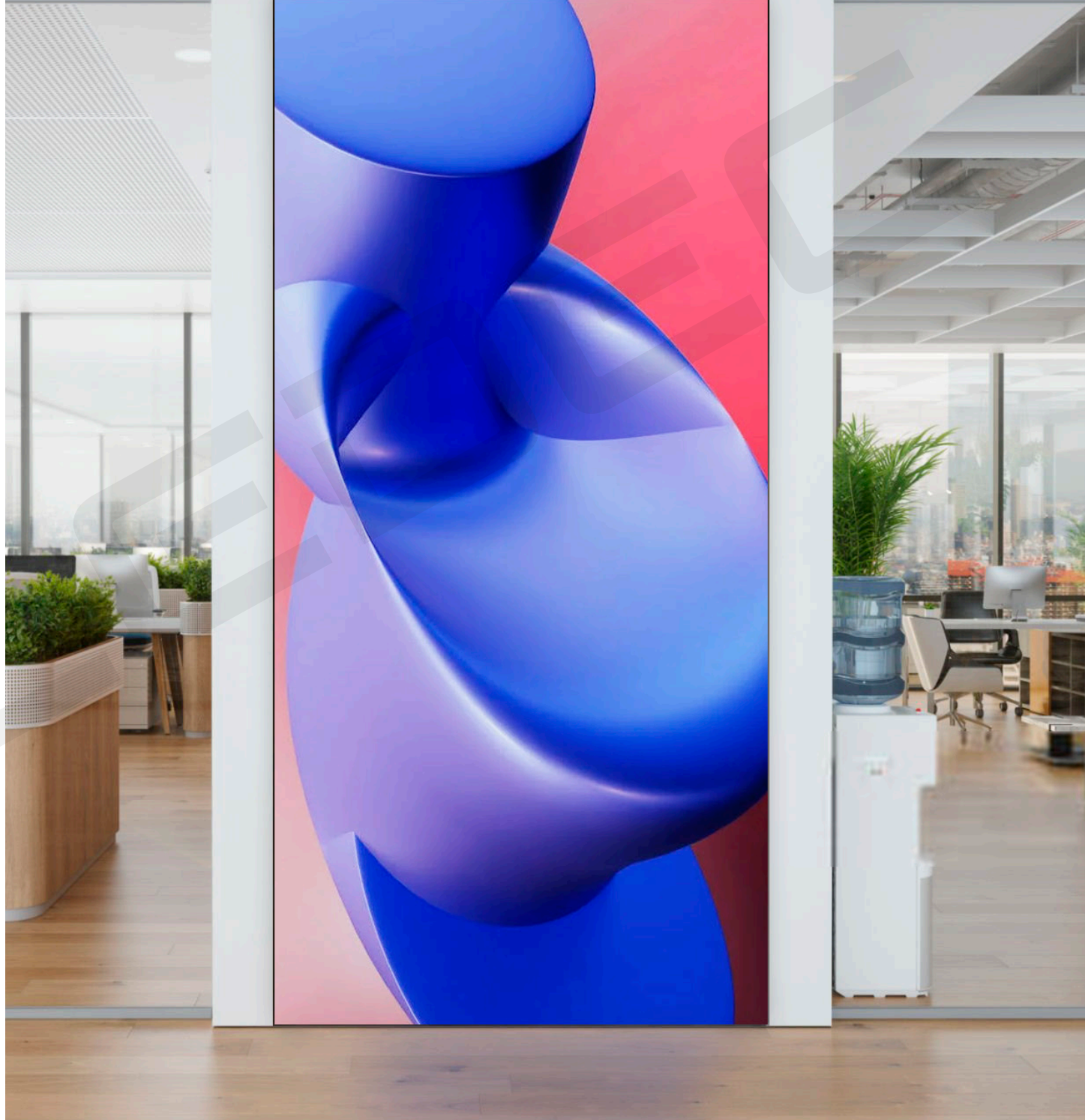
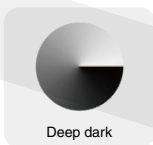
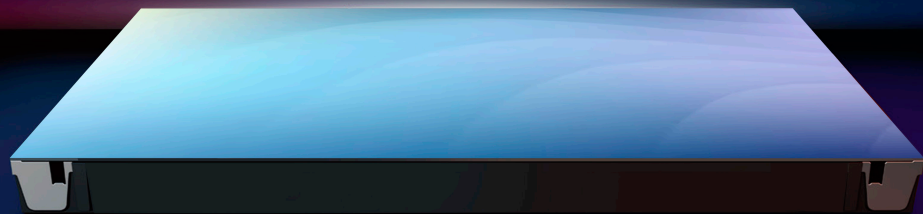


# NG SERIES WALL



## COB AND FLIP-CHIP TECHNOLOGY

COB technology has excellent reliability, small pixel size and higher energy efficiency. Flip chip technology can effectively reduce temperature, improve image contrast and generate energy savings.



## THE MOST ADVANCED MICROLED DISPLAY IN HISTORY

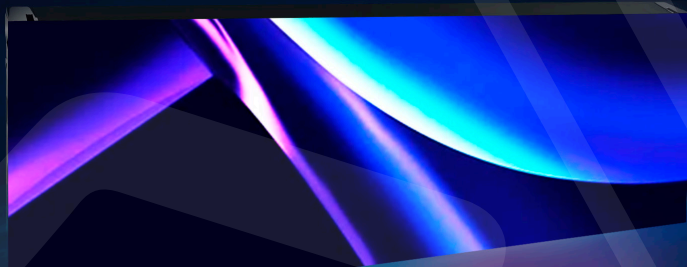
### Experience the microled display like never before

Presenting true-to-life, sharp images requires a perfect zone combination between bright and dark areas. Without precise control of these factors, the unwanted "halo" effect can occur. For this reason, we have incorporated advanced COB (chip - on - board ) technology, common cathode technology and intelligent image processing to reduce unwanted visual effects and deliver the most impressive and perfect images ever.



## DEEP DARK

We are dedicated to unleashing the full potential of visual excellence by leveraging our expertise in the specialized LED fabrication and creating a unique matte black coating. By fusing these technologies, we have created a display that offers uniform levels of depth that will take your breath away.



## INCREDIBLY REALISTIC COLORS

Our technology offers spectacular and refined illumination, incredible detail in shadows and colors. Each display is factory calibrated offering professional features for HDR mode.



### COLD SCREEN

Consumption of ultra low energy



### DCI-P3

Wide range of colors



### TÜVRHEINLAND

Rheinland Certification

120Hz

Update frequency



High contrast



High dynamic display

## THE BEST ENERGY EFFICIENCY

Our product dissipates the least amount of heat, which allows us to have the coolest LED display on the market. That energy efficiency is the magic of the common cathode.

**140 w/m<sup>2</sup>**

Average power consumption.

**0.7mm Pixel Pitch**

**134 w/m<sup>2</sup>**

Average power consumption.

**0.9mm Pixel Pitch**

**125 w/m<sup>2</sup>**

Average power consumption.

**1.2mm Pixel Pitch**

**117 w/m<sup>2</sup>**

Average power consumption.

**1.5mm Pixel Pitch**

**110 w/m<sup>2</sup>**

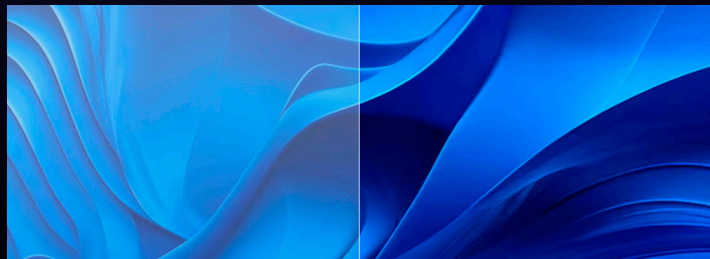
Average power consumption.

**1.8mm Pixel Pitch**

## LESS REFLECTIONS

We take picture perfection to the next level. Our anti-reflective technology maintains perfect contrast while preserving the clarity and beauty of the screen image.

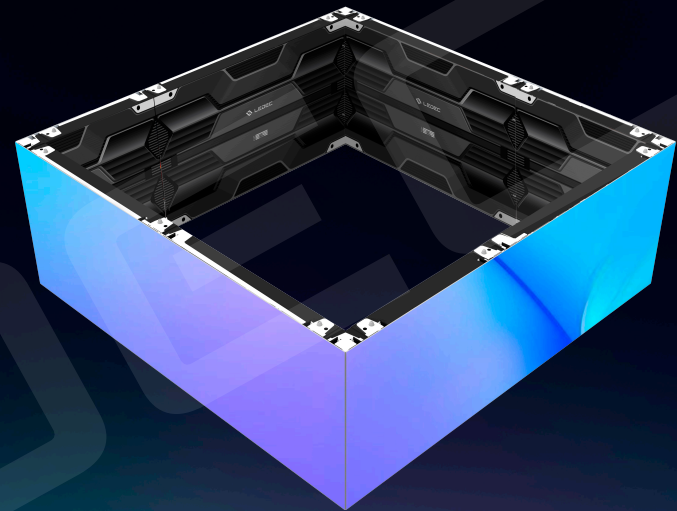
No anti-glare technology



With anti-glare technology

## DESIGN VERSATILE

We have a highly versatile cabinet design, allowing for an easy installation of the mixed of standard cabinets and curved cabinets with 45-degree and 90-degree angles.



## UNIVERSAL CABINETS

Our universal cabinets are compatible with all technologies (COB, MIP, high brightness flip-chip and high contrast flipchip).

IPM



COB

FLIP CHIP  
High contrast

FLIP CHIP  
High brightness

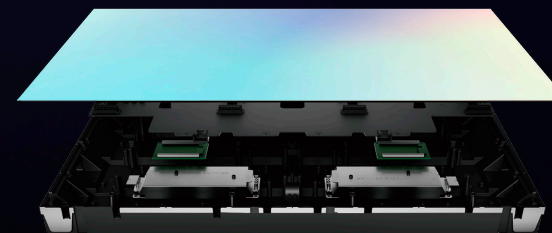
## PASSION FOR INNOVATION

We have 5G technology used for data backup and the latest technology in energy efficiency.

 **500%** Speed increase

To **30%** Less surface heat compared to SMD technology

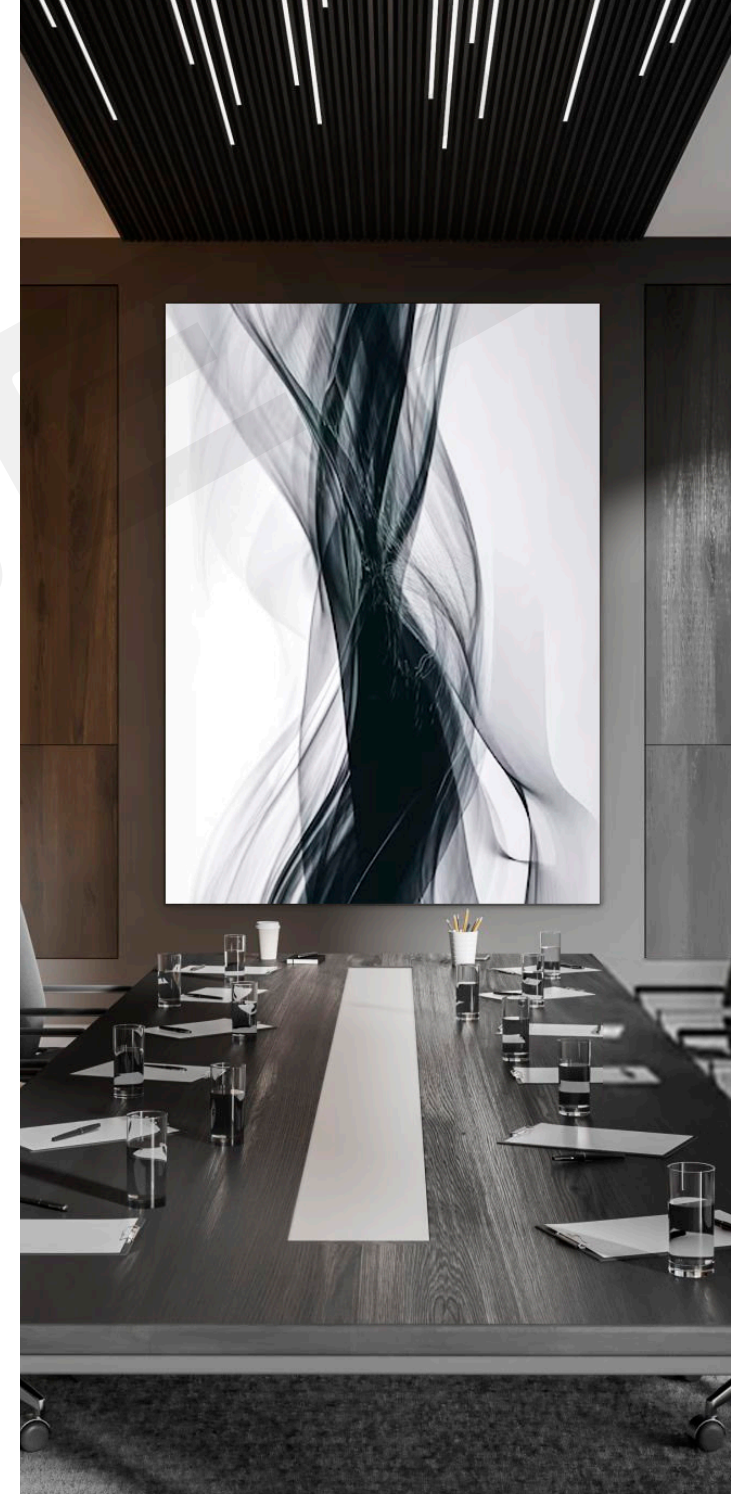
To **17%** Higher energy efficiency compared to SMD technology



# NG SERIES COB



MODEL	NG0.7	NG0.9	NG12	NG15	NG18
Pixel Pitch	0.7 mm	0.9 mm	1.2 mm	1.5 mm	1.8 mm
Cabinet Resolution	768 x 432 px	640 x 360 px	480 x 270 px	384 x 216 px	320 x 180 px
Cabinet Size (mm)	600 x 337.5 x 42 mm				
Weight (Kg/m <sup>2</sup> )	5.2 Kg.				
Brightness (Nits/m <sup>2</sup> )	>600 Nits				
Aspect Ratio	16:9				
Update frequency	>3840 Hz.				
Color Temperature	2,500 - 10,000K				
Maximum Consumption (Max/prom) W/m <sup>2</sup>	420 / 140 W	400 / 134 W	360 / 125 W	350 / 117 W	340 / 110 W
Allowable operating temperature	-20°C +60°C 10 - 90% Humidity				
Operating Voltage	100-240 V AC / 50-60 Hz				
LED's lifetime	+100,000 hours				



# NG SERIES SMD



MODEL	NG0.9	NG12	NG15	NG18	NG25	NG37
Pixel Pitch	0.9 mm	1.2 mm	1.5 mm	1.8 mm	2.5 mm	3.7 mm
Cabinet Resolution	640 x 360 px	480 x 270 px	384 x 216 px	320 x 180 px	240 x 135 px	160 x 90 px
Cabinet Size (mm)	600 x 337.5 x 42 mm					
Weight (Kg/m <sup>2</sup> )	5.2 Kg.					
Brightness (Nits/m <sup>2</sup> )	>1000 Nits					
Aspect Ratio	16:9					
Update frequency	>7680 Hz.					
Color Temperature	2,500 - 10,000K					
Maximum Consumption (Max/prom) W/m <sup>2</sup>	520 / 450 W					
Allowable operating temperature	-20°C +60°C 10 - 90% Humidity					
Operating Voltage	100-240 V AC / 50-60 Hz					
LED's lifetime	+100,000 hours					

