Indoor COB Flexible soft Led Display

Product Advantage
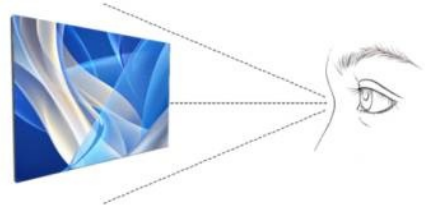
- High brightness: Utilizing brand-name large chips, the brightness is even higher.

  1200~1500cd/m'。

- High contrast: 230000:1. Excellent color reproduction, high grayscale, high refresh rate, stable brightness, ultra-clear picture, and true colors.

- Wide viewing angle: The horizontal viewing angle reaches 160°, and the vertical viewing angle reaches 140°, providing a wider field of vision, making it suitable for viewing from multiple angles.

- Ultra-thin and lightweight: The thickness of the module is only 4mm, making it more flexible and requiring less space.

- Common cathode design scheme: Flip-chip common cathode COB module, with good stability, low power consumption and energy saving, small light attenuation, extended service life. The maximum operating temperature is only balanced with the ambient temperature. It offers high brightness and 30% lower power consumption for energy saving.
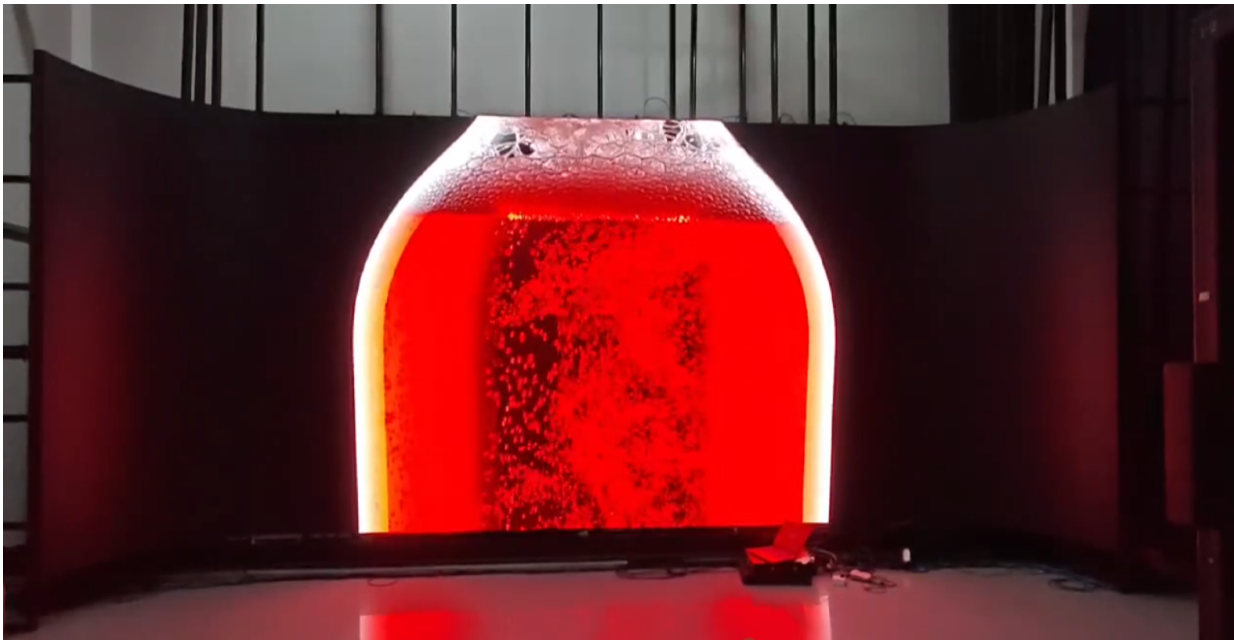
- High protection and high reliability: The surface of the module has IP65 protection, anti-static function, anti-bump feature, dust-proof function, moisture-proof function, which enhances the stability of the product.

- Easy to clean: The surface is smooth and hard, and dust and stains can be removed simply by wiping with a damp cloth.

Product Application

Product Parameter

Indoor Front Service						
Pixel Pitch	P0.625	P0.78	P0.93	P1.25	P1.56	P1.87
Pixel Density	2,560,000 px/㎡	1,638,400 px/㎡	1,137,777 px/㎡	640,000 px/㎡	409,600 px/㎡	284,444 px/㎡
LED Chip	Flip Chip					
Module Size (W*H)	150*168.75mm					
Module Resolution	240*270 dots	192*216 dots	160*180 dots	120*135 dots	96*108 dots	80*90 dots
Surface Treatment	Matt COB					
Surface Hardness	4H					
Panel Size (W*H*D)	600mm*675mm*39.5mm / 600mm*337.5mm*39.5mm					
Panel Weight	7.9kg (600*675mm) / 4kg (600*337.5mm)					
Panel Resolution (dots)	960*1080 / 960*540	768*864 / 768*432	640*720 / 640*360	480*540 / 480*270	384*432 / 384*216	320*360 / 320*180
Material	Die-casting Aluminium					
Circuit Design	Options: Common Cathode Circuit / Common Anode Circuit					
Flash Correction Storage	Applicable					
Brightness	Standard 600nits					
Refresh Rate	3840Hz					
Contrast Ratio	10000:1 (Condition without lighting)					
Color Temperature	9300K (Standard)					
Viewing Angle	H160°, V160°					
Input Voltage	AC 100~240V 50/60Hz					
Max. Power Consumption (White Balance 600nits)	190w/panel (600*675mm) 95w/panel (600*337.5mm)	170w/panel (600*675mm) 85w/panel (600*337.5mm)	150w/panel (600*675mm) 75w/panel (600*337.5mm)	140w/panel (600*675mm) 70w/panel (600*337.5mm)	140w/panel (600*675mm) 70w/panel (600*337.5mm)	130w/panel (600*675mm) 65w/panel (600*337.5mm)
Maintenance Way	Front Service					
IP level of PCB serface	IP54 (Washable by clean water)					
Lifetime at 50% Brightness	100,000 hours					
Operating Temperature / Humidity	-10°C-+40°C/10%RH-90%RH					
Stroage Temperature / Humidity	-20°C-+60°C/10%RH-90%RH					
Certificate	CCC, EMC CLASS-A, ROHS, CQC					
Application	Indoor					