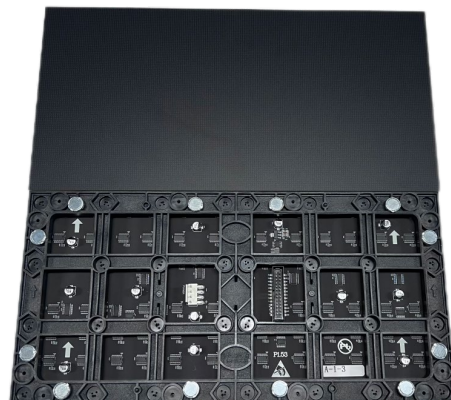


Visualpower VC-320 series COB LED module

SPECIFICATION SHEET

320*160mm Module Indoor COB Front Service

COB Channel LED modules replace traditional small-pitch LED modules. Mini filp chip technology, anti-collision, HDR picture quality.



KEY FEATURES



Mini COB Contrast Ratio 10000:1



Universal 320*160mm size & module holes



Easy cleaning by water, anti-collision



High precision stitching, micron tolerance and adjustable.



Choose power supply and receiving card as you need, backup options.

Support different cabinet design



Panel Size

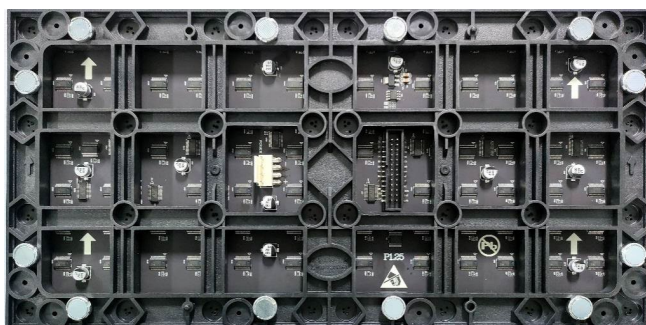
W640*H480*59mm
(Standard)

Optional

W640*H640*59mm
W960*H480*59mm
W640*H320*59mm
W320*H640*59mm
W320*H480*59mm
W320*H160*59mm

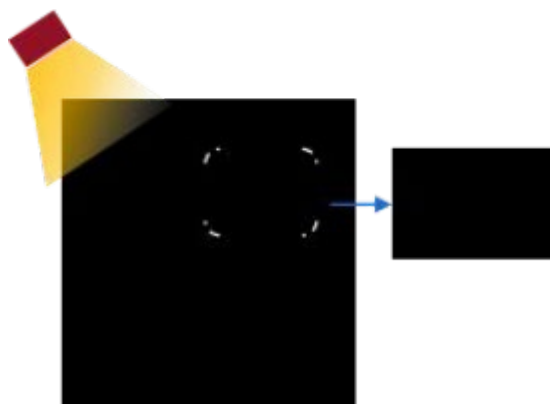


**Multiple choices for cabinet.
Follow the assembly holes of
the traditional 320*160mm
SMD module.**

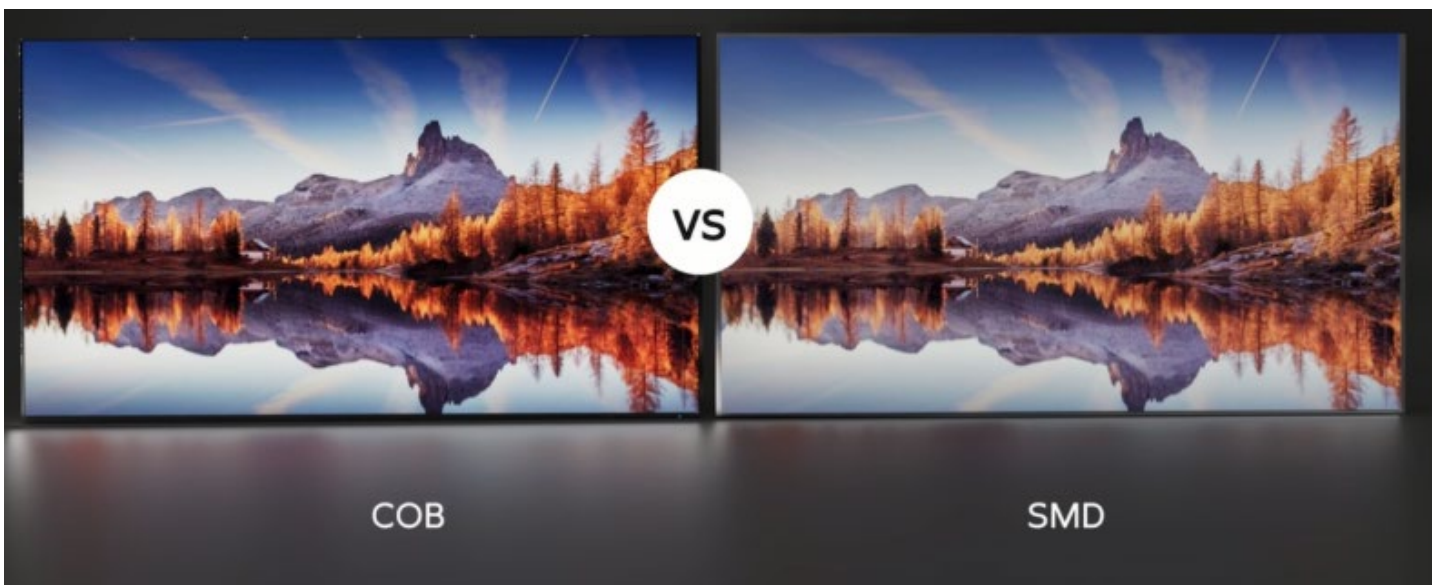
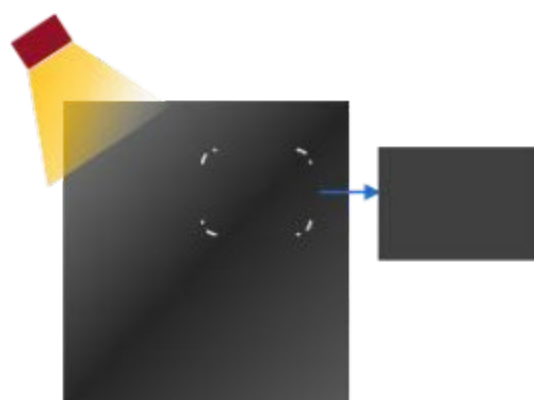


Better Dark Color Uniformity

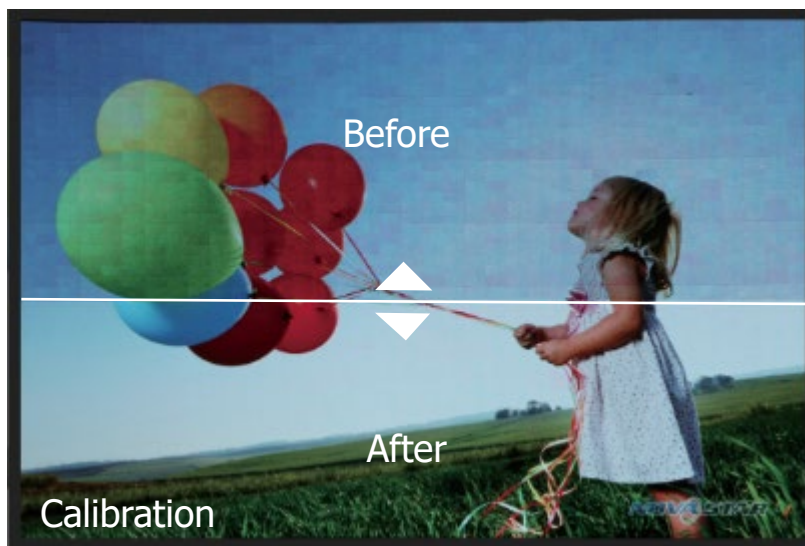
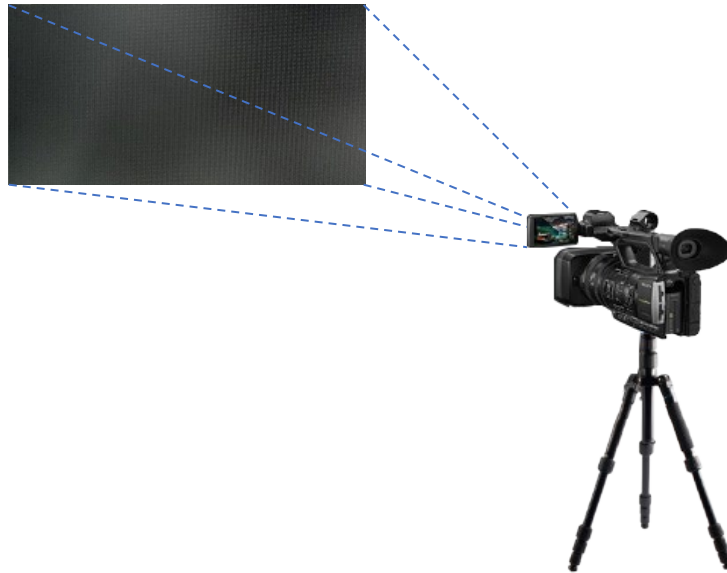
Mini COB



Nomal SMD

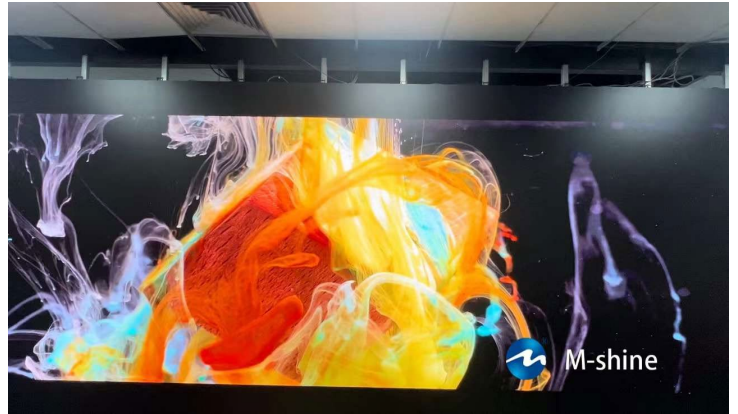
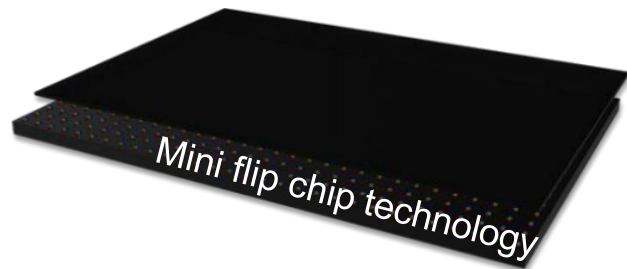


Calibration for each module

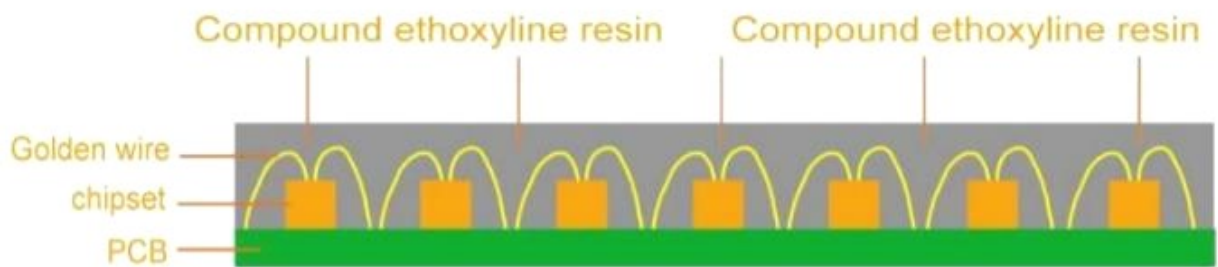


No color difference caused by different chip batches

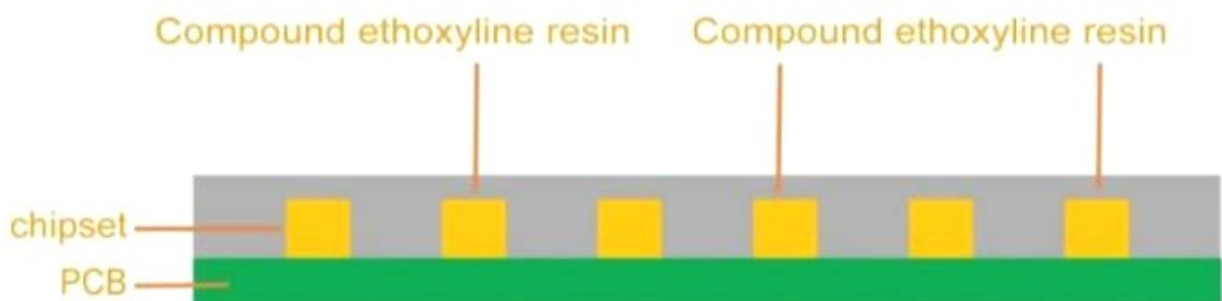
Higher Contrast Ratio



The work of Flip chip screen is more stable due to wireless welding.

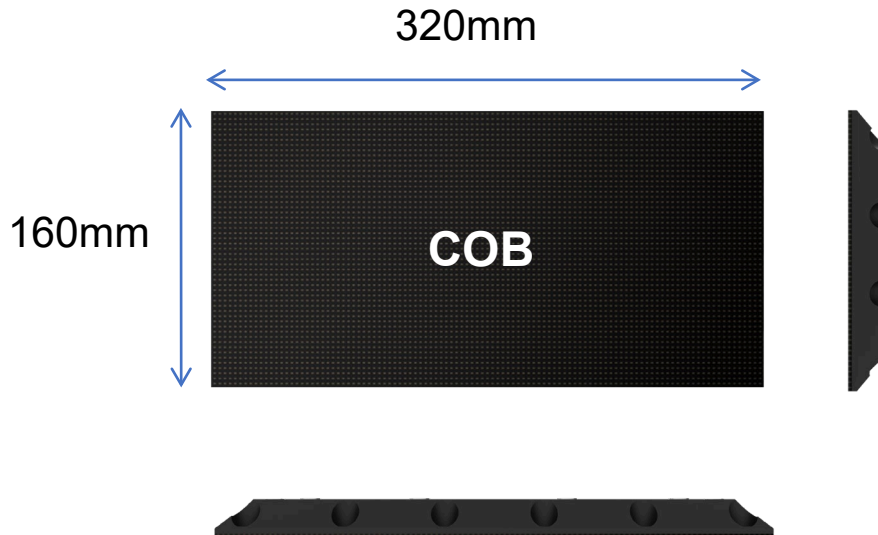


COB (regular technology)



Flip Chip COB

45° Bevel Design



Corner Seamless Installation (Pillar / Cube)



Indoor COB Front Service

Pixel Pitch	P1.53mm	P1.86mm
Pixel Density	422,753 px/m²	288,906 px/m²
LED Chip	Flip Chip	
Module Size (W*H)	320*160mm	
Module Resolution	208*104 dots	172*86 dots
Surface Treatment	Matt COB	
Surface Hardness	4H	
Panel Size (W*H*D)	640mm*480mm*59mm	
Panel Weight	7.5 kg / panel	
Panel Resolution (dots)	416*312	344*258
Material	Die-casting Aluminium	
Circuit Design	Common Anode Circuit	
Flash Correction Storage	Applicable	
Brightness	Standard 650nits	
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)	88 w/panel	88 w/panel
Maintenance Way	Front Service	
IP level of PCB surface	IP54 (Washable by clean water)	
Lifetime at 50% Brightness	100,000 hours	
Operating Temperature / Humidity	-10°C~+40°C/10%RH-90%RH	
Storage Temperature / Humidity	-20°C~+60°C/10%RH-90%RH	
Certificate	CCC, EMC CLASS-A, ROHS, CQC	
Application	Indoor	

