

Types Module Display & Cabinet



COB LED FINE-PITCH SCREEN

Extra Quality



Anti-Humidity and Surface
scrubable with water



3840HZ
High refresh rate



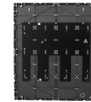
16:9 Golden ratio



Installation Multiple Method
Hanging, Wall mounting, Stand



18 -22 Bit Grayscale Processing,
the color transition will be more
natural



3 in 1 Board
PSU, HUB, Receiving Card
Build on Board



Color calibration chip on
module design



Anti-static
Anti-oxidation



Deviation of Led Luminance,
after calibration below 3 %



Pixel by Pixel Color Calibration



Brightness uniformity < 97



Anti-scratch
Anti-fingerprint
Anti-knock



Cooling system
Aluminium Heatsink
DC 5V. Fan 2X PCH

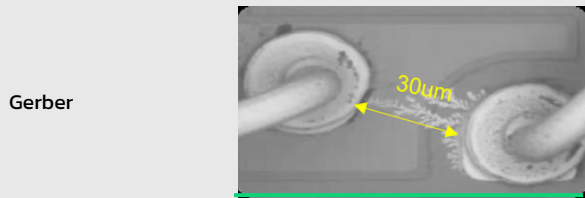
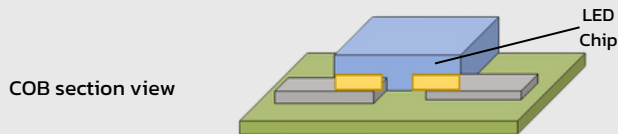
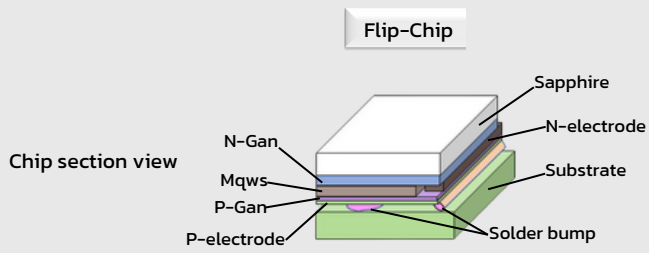


Applicable standards
CE certificate, ISO 9001, ISO 14001

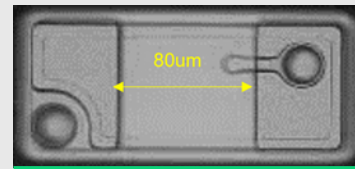
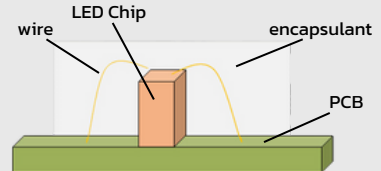
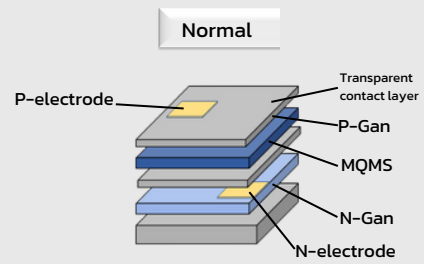


Mean-Well Power Supply
220V AC to 5 V DC

Technical Advantages



- Features**
- Lower power consumption, lower surface temp.
 - Sealed Chips, anti humidity
 - The electrode has no migration leakage
 - Higher Reliability due to wider GAP



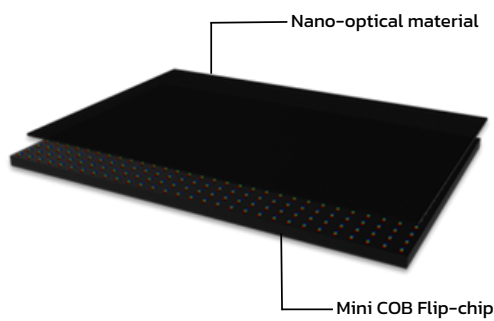
- Poor Welding/wire break/current leakage
- Higher thermal resistance
- Vulnerable lamps
- Frequent maintenance

Display Performance

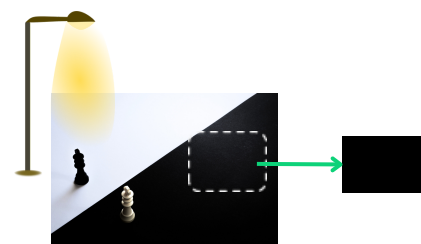
Higher Contrast Ratio

Consistent black ink uniformity

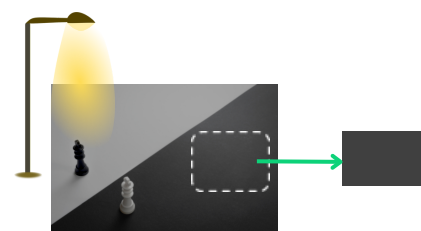
Contrast Ratio up to 10000:1



Mini COB



SMD



Display Performance

HDR

Grayscale Accuracy

8K | 22bit+0.001nit Grayscale



16bit

8K | 22bit+0.001nit Grayscale
Grayscale Accuracy

16bit → 1

18bit+ → 0.25

22bit+ → 0.016



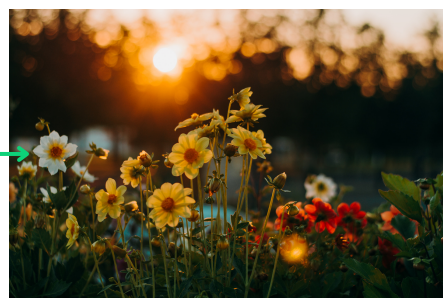
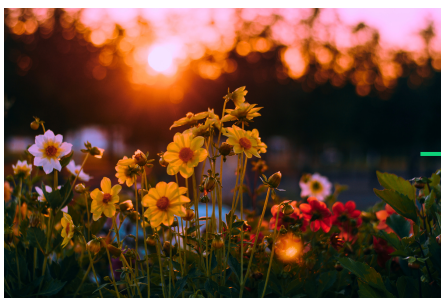
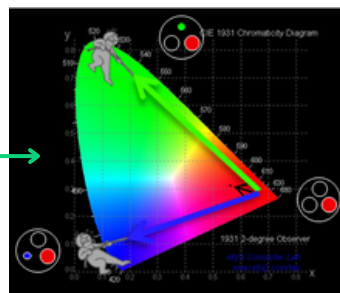
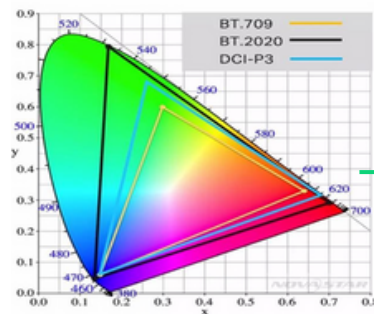
22bit



Wide Color Gamut.

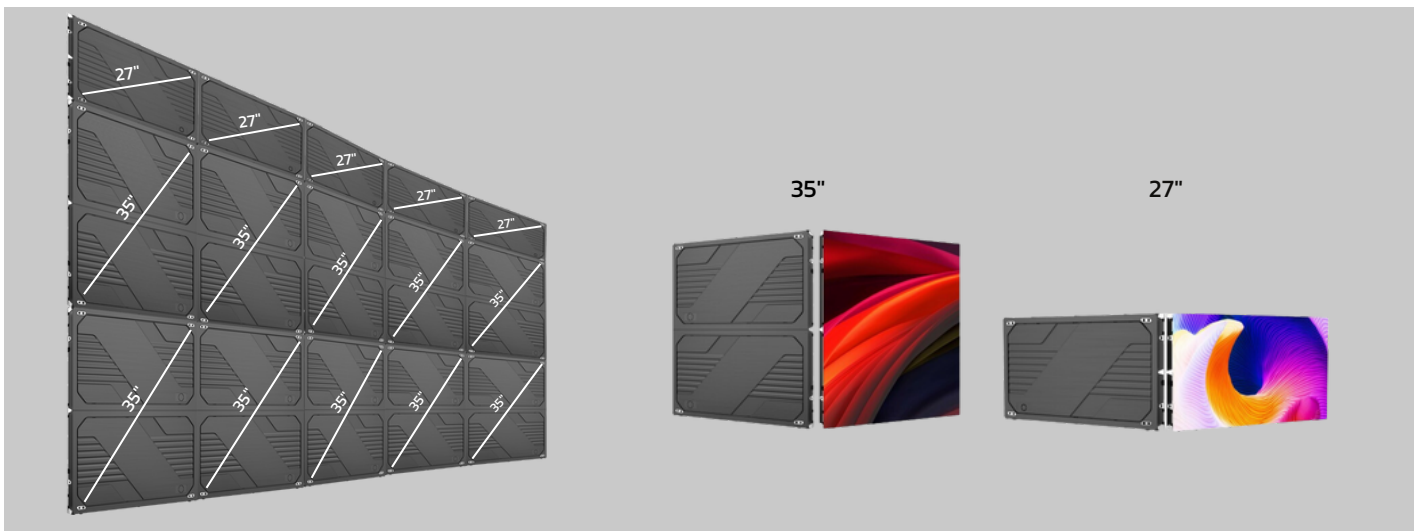
DCI-P3

NTSC: CIE 1931 117%



**Aurora : COB Ultra Plus
 S E R I E S**

	P0.78	P.0.937	P1.25	P156	P1.87	
Physical parameter	LED Type	COB	COB	COB	COB	COB
	Pixel Pitch(mm.)	P0.78	P.0.93	P1.25	P156	P1.87
	Panel Size (mm.)	600 x 337.5	600 x 675, 600 x 337.5	600 x 675, 600 x 337.5	600 x 675, 600 x 337.5	600 x 675, 600 x 337.5
	Panel Resolution (WxH)	768 x 432	640 x 720 640 x 360	480 x 540 480 x 270	384 x 432 384 x 216	320 x 360 320 x 180
	Module Size (mm)	150 x 168.75	150 x 168.75	150 x 168.75	150 x 168.75	150 x 168.75
	Module Resolution (WxH)	192 x 216	160 x 180	120 x 135	96 x 108	80 x 90
	Net. Weight/Model (Cabinet)	≤6	≤6	≤6	≤6	≤6
	Pixel Density (Pixel/m ²)	1,643,524	1,155,625	640,000	410,881	284,444
Photoelectric	Brightness (Nits)	600	600	600	600	600
	Refresh Rate (Hz)	3,840	3,840	3,840	3,840	3,840
	Grayscale (Bits)	18-22	18-22	18-22	18-22	18-22
	Contrast ratio	10,000 : 1	10,000 : 1	10,000 : 1	10,000 : 1	10,000 : 1
	Color Temperature(K)	3,000 - 10,000	3,000 - 10,000	3,000 - 10,000	3,000 - 10,000	3,000 - 10,000
	Viewing Angle (H/V, °)	160/ 160	160/ 160	160/ 160	160/ 160	160/ 160
	AC Operating Voltage (V)	200 - 240	200 - 240	200 - 240	200 - 240	200 - 240
	Power consumption(Max/AVG.)(W/m ²)	325/ 100	325/ 100	325/ 100	325/ 100	325/ 100
Application parameters	IP Level	IP54	IP54	IP54	IP54	IP54
	Storage Temperature (°C)	-20~ + 60	-20~ + 60	-20~ + 60	-20~ + 60	-20~ + 60
	Operating Temperature (°C)	-10~ + 40	-10~ + 40	-10~ + 40	-10~ + 40	-10~ + 40
	Storage Humidity (RH)	10%- 95%	10%- 95%	10%- 95%	10%- 95%	10%- 95%
	Operating Humidity (RH)	10%- 90%	10%- 90%	10%- 90%	10%- 90%	10%- 90%
	LED Lifetime (H)	100,000	100,000	100,000	100,000	100,000
	Maintenance	Front	Front	Front	Front	Front



Professional Service, Best Experience

Full service provider for installation of LED screens. fast service and professional LED.

Service ability



Comprehensive support

The customer care for 2-year warranty, support up to 3 year extended warranty, lifetime maintenance, and enjoy of professional service solutions to help you solve problems



Structural design

We have engineers who specialize in designing steel frames and built-in structures.



Multiple service channels

Providing service via multiple channels such as hot line, E-mail and official website to quickly take care of service requirements



24/7 Response

24/7/365 Available, Quick response



One stop display solution provider

Exclusive and professional service in the whole process of pre-sales sales and after-sales



Spare parts

Spare parts 5 year for LED modules 5% / 8% of all LED screens

Service channels

Line : @auroravision
Tel : 02.725.0068



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Service time

8:30~24:00: staff service
00:00~8:30: Intelligent system service

