

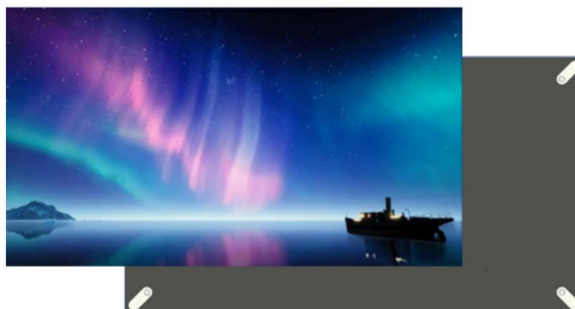
# COB LED Display Plus

HL COB Series

P0.9 | P1.2 | P1.5

## Installation Diagram

Standard display unit, supports dual power supply and dual-card backup display unit. One unit cabinet: 8 light panels + backup power supply + HUB + die-cast housing.



## Product Features



Product size:  
150mm (width) X 168.75mm (height)

- RGB full flip chip RGB
- Excellent hardware protection (anti-knock, waterproof, anti-static, scrubbing)
- Ultra-high brightness, contrast, gamut, and ink at one time
- The extinguishing screen mirror black and bright, comparable to the appearance of the LCD screen
- RoHS compliant

## Product Application

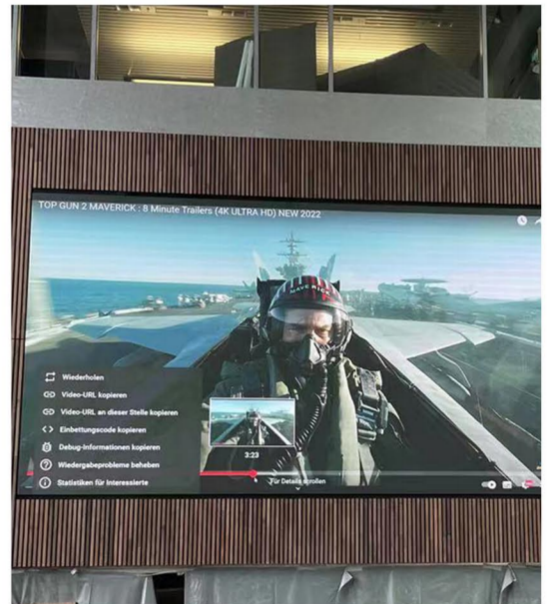
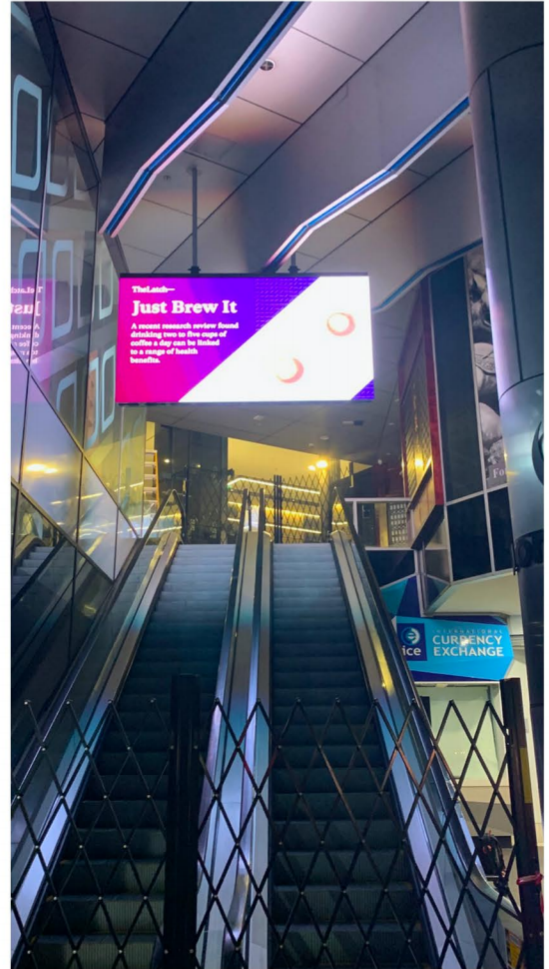
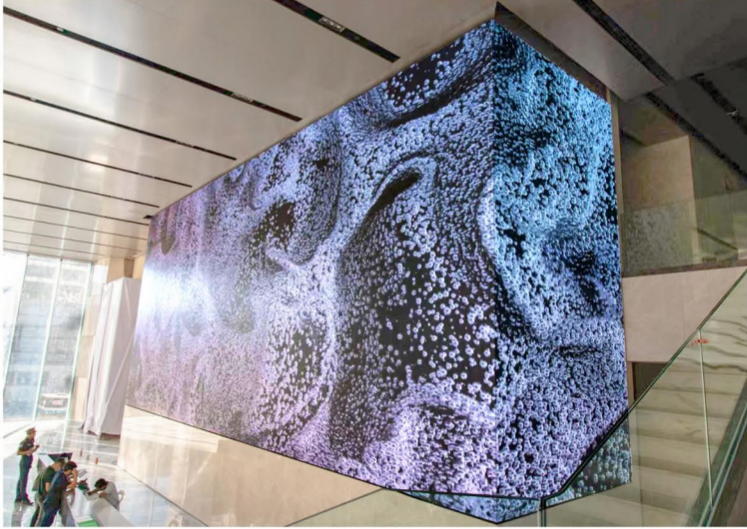


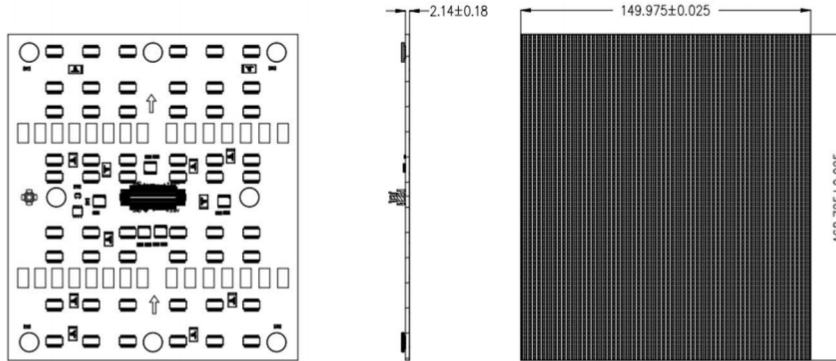
○ Commercial display

○ Special consumer display

○ General use

## Application Scenario





## Specifications

Pixel pitch	P0.9375	P1.25	P1.5625
COB module size	150*168.75mm		
COB module resolution	160*180	120*135	96*108
Module surface finish	Matte finish		
cabinet Size	600*337.5 (4*2)		
Cabinet Resolution	640*360	480*270	384*216
Module Weight	≈1.2kg		
Die- Cast Cabinet (Dimensions) without modules	600*337.5*29mm		

(Display Unit Dimensions) includes modules	27 inches (600*337.5*32mm)		
Unit Cabinet Weight	≈4.2kg/ Cabinet		
Cabinet Resolution	640*360	480*270	384*216
pixels per square meter	1137777 point	640000 point	409600 point
Electrical circuit design	common cathode	common cathode	common cathode
Flash calibration storage	support		
white balance brightness	Standard 600nit		
refresh rate	3840Hz	3840Hz	3840Hz
scanning number	40S	60S/40S	48S
Control Core Card	A8sPro/A10S PRO	A5sPlus/A8s-N	A5sPlus/A8s-N

## Specifications

contrast	20000: 1		
Color Temperatur	3000K-10000K (adjustable)		
Viewing Angle	160°(160degrees horizontal)		
Display Unit Input Voltage	AC 100~240V 50/60Hz		
Module Working Voltage	DC 2.8V/3.8V	DC 2.8V/3.8V	DC 2.8V/3.8V
Single cabinet power consumption 600nit	≤55W	≤45W / 49W	≤41W
Power consumption per square mete 600nit	≤275W/m <sup>2</sup>	≤225W/m <sup>2</sup> / 245W/m <sup>2</sup>	≤205W/m <sup>2</sup>
Single cabinet power consumption 800nit customized	≤65W	≤55W / 58W	≤53 W
Power consumption per square mete 800nit customized	≤325 W/m <sup>2</sup>	≤275W/m <sup>2</sup> / 290W/m <sup>2</sup>	≤265 W/m <sup>2</sup>
Maintenance Mode	Front Maintenance		
IP (Ingress Protection Rating)	IP50 (Can be cleaned with alcohol and water)		
Operating temperature and humidity range	- 20°C~+40°C/10%RH-85%RH		
Storage temperature and humidity rang	- 40°C~+60°C/10%RH-85%RH		
Certification	CCC、EMC CLASS-A、CE、ROHS、Energy Efficiency		



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