بترفلاي لتجميع الأجهزة الالكترونية ش.ذ.م.م

BUTTERFLY LED

BUTTERFLY ELECTRONICS APPLIANCES ASSEMBLY LLC

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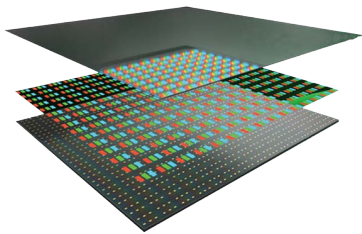SALES@BUTTERFLYLED.COM

VISION-1.2COB60

Chip-On-Board Indoor Screen

Product Features:

➢ P1.25 ultra-fine pitch, crystal-clear visuals
➢ Seamless COB surface, vibrant colors
➢ Durable, anti-collision & dust-resistant
➢ Bright, energy-efficient performance
➢ Wide viewing angle, glare-free display
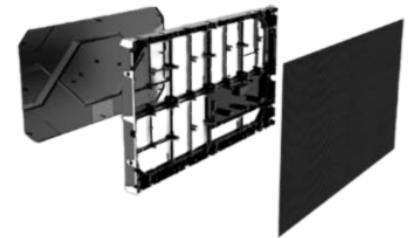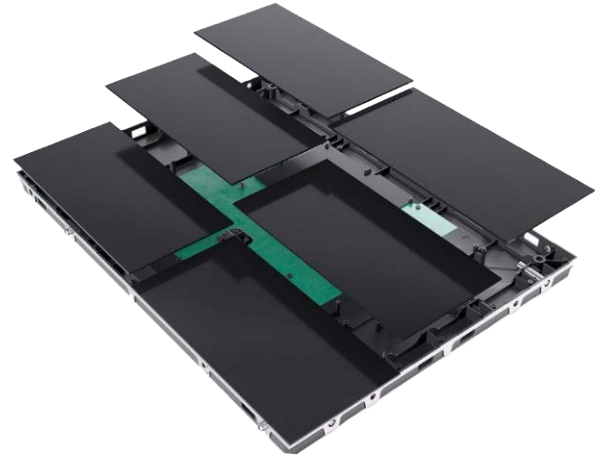➢ Easy front maintenance & installation

Applications: (Indoor Settings)

o Corporate meeting rooms & conference halls
o Control rooms & command centers
o Luxury retail shops & showrooms
o Hotels, lobbies & exhibition centers
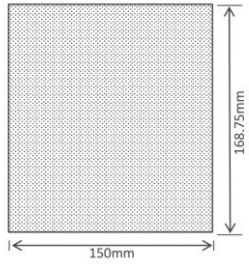o Museums & art galleries
o Broadcast studios & event venues

Multiple Protection layers

❖ Moisture Proof
❖ Dust Proof
❖ Anti-static
❖ Anti-Collision

Highly Integrated 3-in-1 Design

1、 Module

Pixel composition	1R1G1B

1	Pixel Pitch	1.25mm
2	Module resolutions (W x H)	120 pixels×135 pixels
3	Size of module (W x H)	150mm×168.75mm
4	Module LED package	COB Flip-Chip Common cathode
5	Surface technics	Matte mist surface
6	Module power supply	Common cathode partial voltage power supply， Red chip： 2.8V；Blue
7	Wisdom module	Smart module storage, module level chroma brightness correction
8	Module flatness	＜0.1mm

2、 Cabinet

1	Cabinet Resolutions (W x H)	480pixels×270pixels
2	Modules arrangement	4×2
3	Brightness (nits)	600 - 900cd/ m²
4	Viewing angle (H / V)	170º/170º
5	Max contrast	20000:1
6	Cabinet size (W x H x T)	600mm×337.5mm×39.5mm

7	Weight	4Kg / cabinet
8	Cabinet material	Die cast aluminum + plastic cover plate
9	Cabinet flatness	< 0.1mm
10	Cabinet maintenance mode	Front service
11	Way to install	Fixation

Main Features

- Flip-Chip Common Cathode design: energy saving, low power consumption;
- Pure black consistency;
- The Colour gamut level can reach DCI-P3;
- Power supply, HUB, receiving card three-in-one design, more stable performance, higher productionand assembly efficiency, higher reliability;

- Ultra-light and ultra-thin design, the thickness is only 39.5mm, the weight of a single cabinet is only 4Kg

- Die casting cabinet to ensure the smoothness of the product;

  - A hard connection is adopted between the module and the cabinet. The self-developed connector andthe cabinet internal fine-tuning screw play the role of the three-axis six-way fine-tuning module toensure the smoothness of the product and ensure the display effect;

- Support fixation, wall mounting.

3、 Control system

1	Gray scale	18bit
2	Type of driver	Common cathode constant current driver，60Scan
3	Frame rate	60FPS
4	Refresh rate	3840Hz
6	Color temperature	6500K-12000K
7	Brightness control	Manual / Automatic / programmed control
8	Pixel correction	Brightness and color adjustment

9	Control mode	Synchronization Control
10	Control distance	RJ45≤100m
11	Software interface	Windows XP /7/8/10
12	Input signal	Cable input

4、 Screen operation

1	Working voltage	100~240VAC（50~60Hz）
2	Peak power	350W/cabinet
3	Average power	200W/Cabinet
4	Continuous working hours（hrs）	≥7×24hrs，support continuous display
5	MTBF(hrs)	≥10000 hours
6	LED lifetime	100000 hours
7	Storage temperature	-20℃~60℃
8	Operating temperature	-10℃~50℃
9	Storage humidity	10%~90% RH
10	Operating humidity	10%~80% RH

Note: There might be some changes depending on different projects

Project Showcase

Abu Dhabi Media