
PM Series COB Introduction

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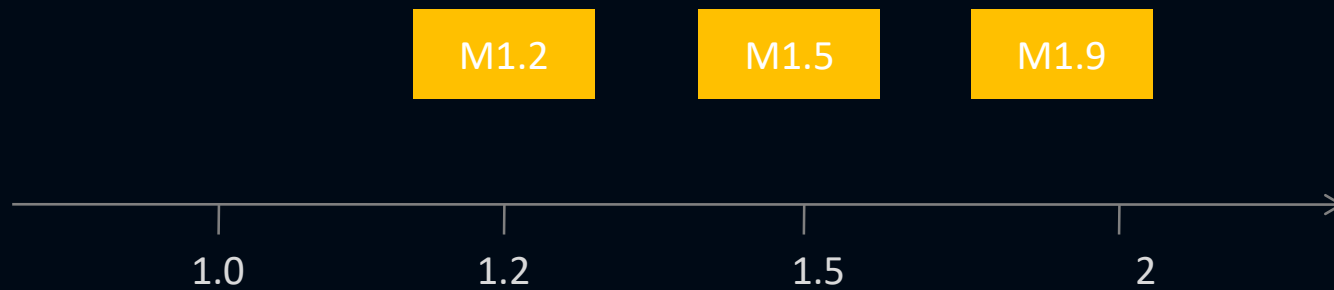


Applications





PM Series Pitch disponibles

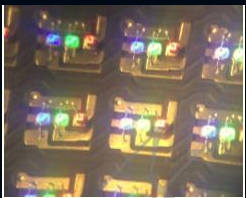




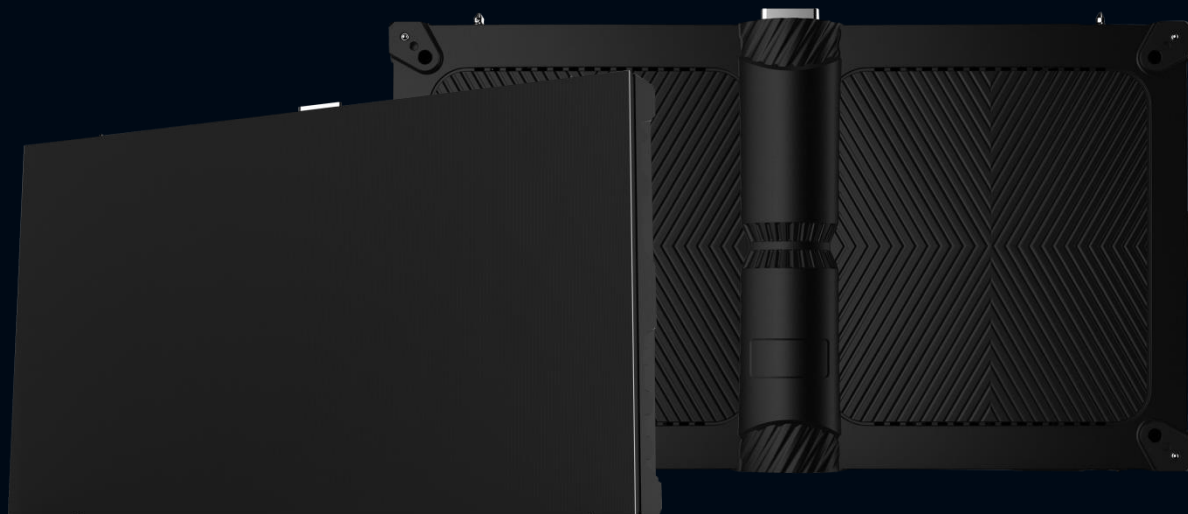
COB ?

COB, est une abréviation anglaise de ChipOnBoard .

Ce qui signifie que les LEDS RGB sont directement montées sur le circuit imprimé.



Design



304x342mm

Taille d'un module

608x342x75mm

Taille d'un cabinet

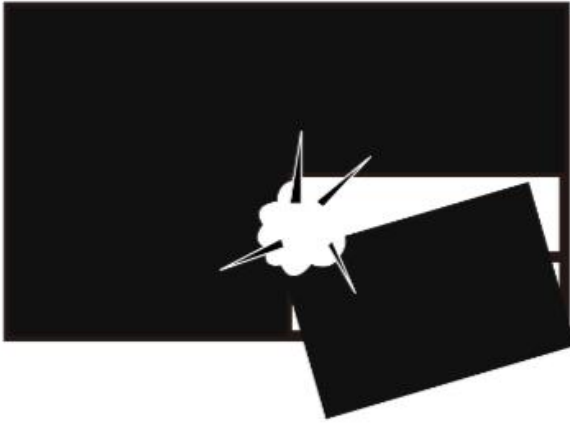
Aluminum

Materiel

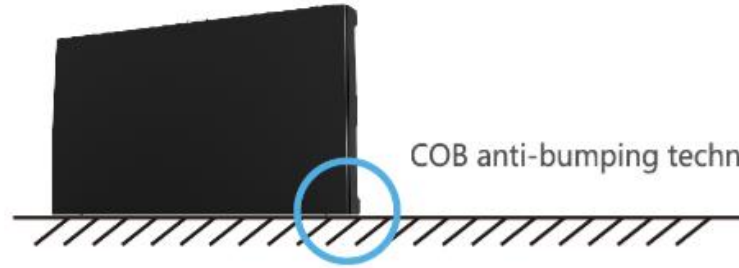
6.8kg/panel, 33kg/s.qm

Poids

(1) Anti-choc

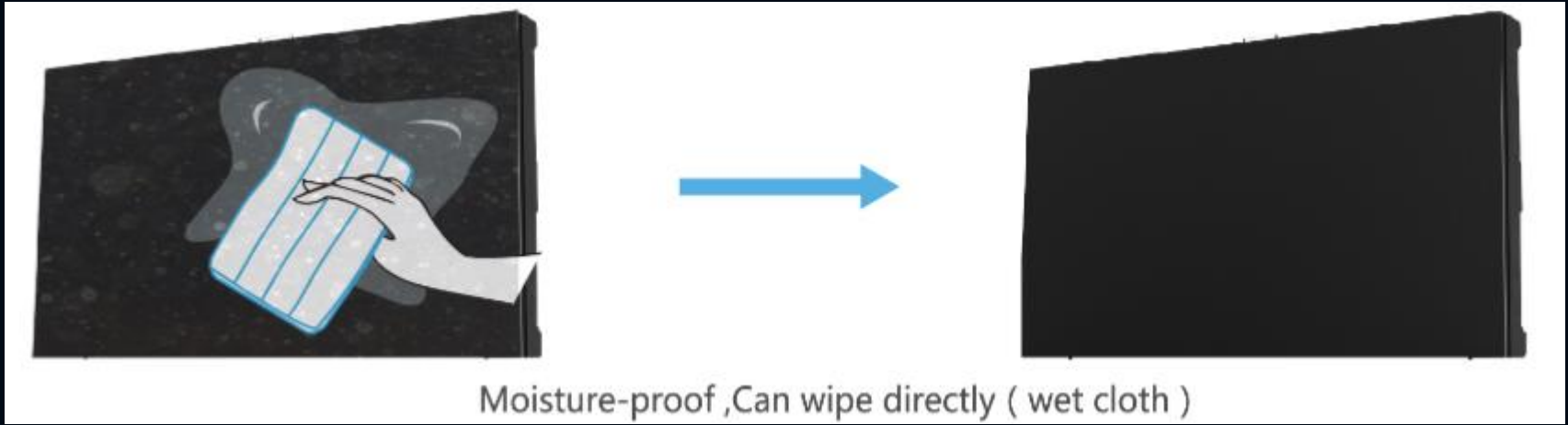


Anti-collision



COB anti-bumping technics

(2) Nettoyage facile – surface lisse



(3) Accepte une hygrometrie importante



COB MilliLED Display



85%RH



SMD Display

(4) Contrast plus important

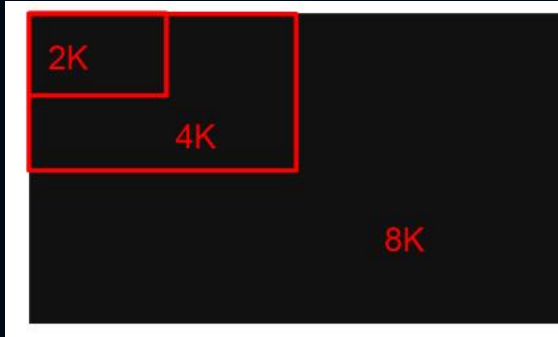


COB MilliLED Display



SMD Display And Other COB Display

(5) 2K 4K 8K



FHD&2K (1920X1080)

4K (3840X2160)

	Taille (M)	Nombre de cabinets	Taille (M)	Nombre de cabinets
M1.2	2.43*1.36	4*4	4.86*2.73	8*8
M1.5	3.04*1.71	5*5	6.08*3.42	10*10
M1.9	3.64*2.05	6*6	7.29*4.10	12*12

Maintenance totale par face avant pour integration extra fine



Wall mount installation



Completely front maintenance



Spec.



Model	M1.2	M1.5	M1.9
Pixel Pitch	1.26mm	1.58mm	1.9mm
LED Type	COB 3 in 1	COB 3 in 1	COB 3 in 1
Module Size(WxH)	304x342mm	304x342mm	304x342mm
Panel Size	608x342mm	608x342mm	608x342mm
Panel Material	Aluminum	Aluminum	Aluminum
Panel Weight	6.8Kg	6.8Kg	6.8Kg
Brightness	50-600 or 600-1500nit	50-600 or 600-1500nit	50-600 or 600-1500nit
Processing depth	14bit	14bit	14bit
Display refresh rate	1920~3840Hz	1920~3840Hz	1920~3840Hz
Viewing angle(H/V)	160°/160°	160°/160°	160°/160°
Power Consumption (Max./Avg.)	650W/260W/㎡	650W/260W/㎡	650W/260W/㎡
IP Rating (Front/Rear)	IP30/ IP30	IP30/ IP30	IP30/ IP30
Panel Installation Type	Fornt & Rear Installation		



PM series(COB MilliLED display walls)

SMD LED display walls

Performance

1. Moisture proof. It can work and be stored in high humidity environment.
2. Crash proof. Hard to be damaged.
3. It can effectively reduce the Moiré effects.
4. electrostatic prevention
5. Great Contrast.

1. Easy to break down when operating humidity \geq 80% RH.
2. Easy to be damaged during transportation, installation and operation.
3. Easy to produce Moiré effects.
4. Easily damaged by static electricity.
5. The contrast is bad.

Life Cycle Costs

Low maintenance rate with LED failure rate <10 PPM.
Low life cycle cost.

High maintenance rate with LED failure rate ≥ 20 PPM.
High life cycle cost.

Ease-of-use

Easy for maintenance.

Difficult for maintenance.



PM series(COB MilliLED display walls)

Other COB display

Performance

1. Moisture proof. It can work and be stored in high humidity environment.
2. Crash proof. Hard to be damaged.
3. It can effectively reduce the Moiré effects.
4. electrostatic prevention
5. Great Contrast.
6. Display effect is better than the second generation COB display panel .

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The image features a central blue diamond shape on a dark grey background. The diamond is surrounded by several grey and blue geometric shapes that create a sense of depth and movement, resembling light rays or abstract architectural elements. The text 'www.pekason.com' is centered within the diamond in a white, sans-serif font.

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