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BYH-012Q

Product Specification

Rev. O

BOE MLED Technology Co., Ltd.

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1. Product description

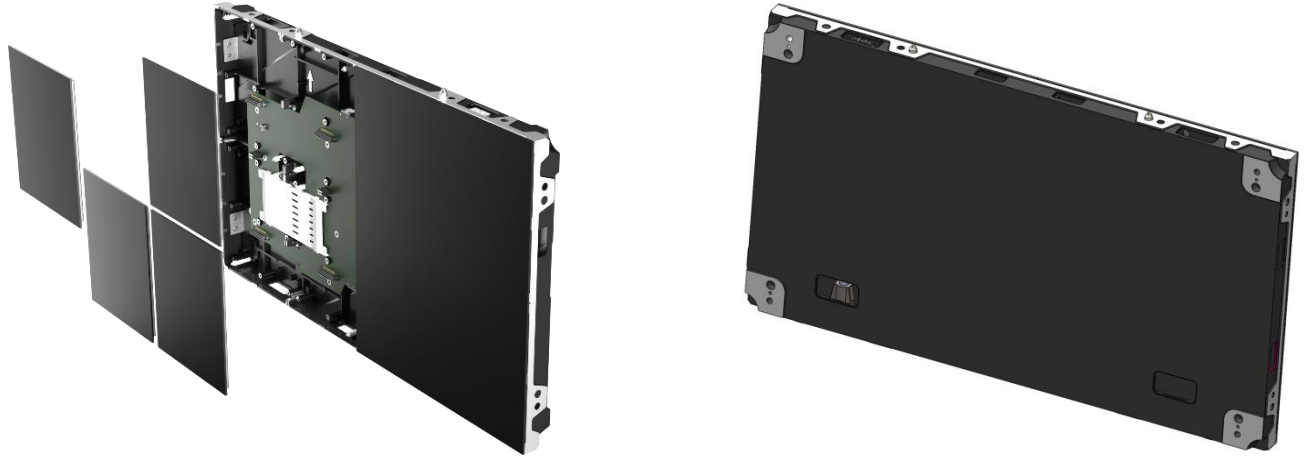
1.1 Product introduction

- Display every pixel on the module unit module, using full flip R, G, B chip package, each chip is fixed on the substrate;
- Modular structure design, simple connection, light weight, more convenient installation and disassembly;
- The display unit of the box body is a pre-maintenance magnetic suction structure, which is equipped with professional magnetic suction tools to complete installation and maintenance.

1.2 Product features

- Full flip chips package;
- Driven by cross flow,excellent luminous uniformity,low power consumption;
- High contrast;
- Light weight,easy to install and disassemble;
- Modular structure design.

1.3 Product pictures



2. Product technical parameters

Category	Product parameters	Remark
Product Model	C2-D1207	JC-1.2
Pixel composition	1R1G1B	Full flip chips

Category	Minimum	Typical	Maximum	Remark
Pitch(mm)	1.25			Common cathode
Resolution(W×H)	480×270			
Size(mm)	600×337.5×35			W×H×D Included display module
Weight(kg)	-	-	4.6	Included display module
Flatness(mm)	-	-	0.15	
Brightness(cd/m²)	-	600	800	0~1000cd/m² Adjustable

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Color coordinates (CIE 1931)	-	Cx = 0.285 Cy = 0.300	-	Adjustable;error ± 0.003
Color temperature(K)	-	9,000	-	3,000~10,000KAdjustable
Color gamut(CIE 1931)	105%NTSC	-	-	Q/HCP 001-2020
Brightness Angle of view ($^{\circ}$,H/V)	-	165/165	-	
Brightness uniformity	97%	-	-	
Power maximum(W/m ²)	-	380	-	$\pm 5\%$
Power average(W/m ²)	-	127	-	
Ambient light contrast	5000:1			10 lux light environment
Scan number	54			
Frame change frequency(Hz)	60			
Parametric gray scale(Bit)	13			
Refresh frequency(Hz)	1920 ~ 3840			
IP Protection grade	IP65			Customizable
Point-by-point correction technique	Support			
Flash storage function	Support			

3. Plane Structure of the Product

