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Product Spec

BTY019B21

Rev. 1

BOE MLED Technology Co., Ltd.

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1. Product Features

- 1) Lightweight, ultra-thin and high-precision die-casting aluminum panel.
- 2) The standardized cabinets are compatible with a wide range of pitches, for fast installation, and the modules are equipped with a variety of features such as anti-dust accumulation and magnetic fixation.
- 3) Widely used in indoor concerts, hotel stages and so on.

2. Product Image



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3. Main Technical Parameters

Item	Technical Parameters	Item
Module Parameters	Pitch(mm)	1.953
	LED Model	SMD1515
	LED Type	Copper wire
	Module Resolution	128*128
	Scanning	1 / 16
	Module Size (mm)	249.9030.1(H)*249.9030.1(V) *6.630.2(D)
	Module Weight (kg)	0.6
	Module Flatness (mm)	≤0.2
	Pixel Density (dot/m ²)/PPI	262144
	Module Voltage (V)	DC 4.2V
Cabinet Parameters	Cabinet Composition	2*2
	Cabinet Resolution	256*256
	Cabinet Dimension (mm)	500+0/-0.15(H)*500+0/-0.15(V) * 75.630.2(D)
	Cabinet Weight (kg)	7.71
	Maintenance Mode	Front/Rear Maintenance
	Cabinet Material	Die-cast aluminum
	Cabinet Flatness (mm)	≤0.3
	Grayscale (Bit)	15Bit
	frame rate	30-120Hz
	refresh rate	7680Hz
	Max power consumption (W/m ²)	640
	Average power consumption(W/m ²)	213
Panel Voltage (V)	AC100-240V, 50/60Hz	

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	Color temperature	3000K ~ 15000K adjustable
	Viewing angle horizontal	≥160°
	Viewing angle vertical	≥140°
	White balance brightness	≥1000
	View distance (m)	≥5
Operating Parameters	Continuous operation time	≥ 7*24hrs, Support uninterrupted display
	Average trouble-free working time	≥ 10000 hrs
	Discrete runaway point	Preset at 0, 1000hrs < 3PPM
	Continuous runaway point	Preset at 0
	Blind spot rate	Preset at 0, 1000hour < 3PPM
	Screen temperature increase (operating status)	≤ 50°
Utilization Parameters	Typical life value(hrs)	100000
	Operating temperature(°C)	-20~+50
	Storage temperature(°C)	-20~+60
	Operating humidity(RH)	10%-65%PH
	Storage humidity(RH)	10%-65%PH
Protection grade	Protection grade	IP30
Certifications	CCC	
	Energy Saving Certification	
	CE	
	CB	
	UL	
	FCC	

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4. Diagram of panel mounting hole location

