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# Product Spec

# BTY029B01

**Rev. 1**

**BOE MLED Technology Co., Ltd.**

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# BOE

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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
<b>Module Parameters</b>	Pitch(mm)	2.967
	LED Model	SMD1921
	LED Type	Copper wire
	Module Resolution	84*192
	Scanning	1 / 21
	Module Size (mm)	499.9030.1(H)*249.9030.1(V) *5.830.2(D)
	Module Weight (kg)	1.36
	Module Flatness (mm)	≤0.2
	Pixel Density (dot/m <sup>2</sup> )/PPI	112896
	Module Voltage (V)	DC 4.5V
<b>Cabinet Parameters</b>	Cabinet Composition	1*2
	Cabinet Resolution	192*192
	Cabinet Dimension (mm)	500+0/-0.15(H)*500+0/-0.15(V) * 7330.2(D)
	Cabinet Weight (kg)	8.14
	Maintenance Mode	Front/Rear Maintenance
	Cabinet Material	Die-cast aluminum
	Cabinet Flatness (mm)	≤0.3
	Grayscale (Bit)	14Bit
	Max power consumption (W/m <sup>2</sup> )	780
	Average power consumption(W/m <sup>2</sup> )	270
	Panel Voltage (V)	AC100-240V, 50/60Hz
Color temperature	3000K~15000K adjustable	

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	Viewing angle horizontal	≥160°
	Viewing angle vertical	≥110°
	White balance brightness	≥4500
	View distance (m)	≥5
<b>Operating Parameters</b>	Continuous operation time	≥ 7*24hrs, Support uninterrupted display
	Average trouble-free working	≥ 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°
<b>Utilization Parameters</b>	Typical life value(hrs)	100000
	Operating temperature(°C)	-20~+45
	Storage temperature(°C)	-20~+60
	Operating humidity(RH)	10%~65%PH
	Storage humidity(RH)	10%~65%PH
<b>Protection grade</b>	Protection grade(front/back)	IP65/IP54
<b>Certifications</b>	CCC	
	Energy Saving Certification	
	CE	
	CB	
	UL	
	FCC	

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#### 4. Diagram of panel mounting hole location

