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SPEC. NUMBER

-

Product Group

MLED

REV.

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Release Date

2024.04.07

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Product Pre-Spec

BYB040Plus

Rev. 1

BOE MLED Technology Co., Ltd.

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1. Product Features

- 1、The panel is silver in color, fashionable and beautiful, with good texture, a sense of luxury, and strong lines.
- 2、Aluminum body, efficient heat dissipation, stable running.
- 3、Lightweight design, $\leq 25\text{KG/m}^2$, easy to handle, low transportation and installation costs, saving steel structures.
- 4、Good protective performance. The protection level is IP66, which can prevent rainstorm, typhoon and salt fog.
- 5、Dual voltage drive, a new benchmark for outdoor energy-saving, saving more than 30% energy compared to traditional products.
- 6、No need for air conditioning, saving equipment costs and electricity bills.
- 7、It can be installed without any other protection, beautiful and convenient.
- 8、Between panels are connected by professional connectors, flexible and convenient installation and maintenance, front and rear installation and maintenance.
- 9、Multiple panel sizes available, including 960x960、480x960、960x640、480x640, and more.
- 10、It can achieve various irregular shapes such as curve screen、glasses-free 3D and seamless right angle splicing.

2. Product Image



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3. Main Technical Parameters

Parameter		Value
Physical Parameters	LED Type	SMD1921
	Pixel Pitch (mm)	4.44
	Panel Dimensions (WxHxD)/(mm)	960×960×75
	Pixel Per Panel	216×216
	Weight (kg/m²)	25
	Panel Material	Aluminum
	Module Dimensions (WxH)/(mm)	160×960
Photoelectric Parameters	Brightness (nit)	5500
	Refresh Rate (Hz)	≥3840
	Gray scale (bit)	16
	Contrast Ratio	5000:1
	Color Temperature (K)	2000-9500
	Viewing Angle (H/V) (°)	160/140
	AC Operating Voltage (V)	220-240V @ 50/60Hz
	Power Consumption (Max./Avg.)(W/m²)	550/180
Application Parameters	Storage Temperature (°C)	- 40~ + 60
	Operating Temperature (°C)	- 20~ + 60(-40°C Optional)
	Storage Humidity (RH)	10 % ~80 % (No Condensation)
	Operating Humidity (RH)	10 % ~90 % (No Condensation)
	IP Rating (Front/Rear)	IP66/IP66
	LED Lifetime (H)	100000
	Module Maintenance	Front/Rear
	PSU & Others Maintenance	Front/Rear
	Panel Installation Type	Fixed
	Certificates	CB/CE/ETL/FCC/ROHS2.0/CCC

Remark:

- 1、Power consumption and brightness tolerance: 315%, according to the actual situation.
- 2、Parameters may be updated.