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SPEC. NUMBER

-

Product Group

MLED

REV.

-

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2024.03.27

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Product Pre-Spec

BYB030

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 IP65, which can prevent rainstorm, typhoon and salt fog.
- 5) No need for air conditioning, saving equipment costs and electricity bills.
- 6) It can be installed without any other protection, beautiful and convenient.
- 7) Multiple panel sizes available, including 640x640、480x640、960x640, and more.
- 8) 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	SMD1415
	Pixel Pitch (mm)	3.076
	Panel Dimensions (WxHxD)/(mm)	640×640×75
	Pixel Per Panel	208×208
	Weight (kg/m²)	25
	Panel Material	Aluminum
	Module Dimensions (WxH)/(mm)	160×640
Photoelectric Parameters	Brightness (nit)	4500
	Refresh Rate (Hz)	≥3840
	Gray scale (bit)	14
	Contrast Ratio	4000:1
	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)	750/250
	Storage Temperature (°C)	- 40~ + 60
	Operating Temperature (°C)	- 20~ + 50
	Storage Humidity (RH)	10 % ~80 % (No Condensation)

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Application
Parameters

Operating Humidity (RH)	10 % ~90 % (No Condensation)
IP Rating (Front/Rear)	IP65/IP65
LED Lifetime (H)	100000
Module Maintenance	Rear
PSU & Others Maintenance	Rear
Panel Installation Type	Fixed
Certificates	/

Remark:

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