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# Product Specification

## BKY015A1

Rev. 1

BOE MLED Technology Co., Ltd.

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## 1. Product Features

### 1.1 Scope of Application

This product specification applies to P1.5 standard panels.

### 1.2 Product Description

- The product has a unique competitive advantage, the module is hard-wired, and can be quickly installed regardless of the left or right.
- Extremely convenient full front and rear maintenance way, support free steel structure wall mounted before installation, right angle installation, whole box magnetic suction installation and other installation methods.
- The back of the box comes with a hidden connector hole design, simple and beautiful, solving the problem of needing to open a hole when the back of the oversized screen is fed with network and power cables, so that the product can maximize the customer's experience in different application scenarios.

## 2. Product Image



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**3. Main Technical Parameters**

	Item	Technical Parameters
<b>Module Parameters</b>	Pixel Pitch(mm)	1.5625
	LED Model	SMD1212
	LED Type	Copper Wire
	Module Resolution	192*108
	Scan Number	1 / 54
	Module Size ( mm × mm × mm )	300(H) *168.75 (V) *2.96 ( D )
	Module Weight ( kg )	0.33
	Module Flatness	<0.1 mm
	Pixel Density (dots/m2)	409600
	Module Voltage ( V )	DC4.2V
<b>Panel Parameters</b>	Composition of the Display Modules	2*2
	Panel Resolution	384*216
	Panel Dimension ( mm × mm × mm )	600(H) * 337.5 (V) * 39.6 ( D )
	Panel Weight ( kg )	3.5
	Maintenance Method	Front/Rear Maintenance
	Panel Material	Die-casting Aluminum
	Panel Flatness ( mm )	≤0.1
	Grayscale(Bit)	14Bit
	Maximum Power Consumption(W)	370

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	Average Power Consumption(W/m <sup>2</sup> )	125
	Panel Voltage ( V )	AC100~240V , 50/60Hz
Optical Parameters	White Balance Brightness(cd/m <sup>2</sup> )	400-450 ( ±10% )
	Color Temperature	3200K~12000K ( Adjustable )
	Horizontal Viewing Angle	≥160°
	Vertical Viewing Angle	≥140°
	Brightness Uniformity	≥95%
	View Distance(m)	≥5
Operating Parameters	Continuous Operation Time	≥ 7*24hrs ( Support uninterrupted display )
	Average Trouble-free Working Time	≥ 10000hrs
	Discrete Runaway Point	Preset at0, 1000hrs < 3PPM
	Continuous Runaway Point	Preset at0
	Blind Spot Rate	Preset at0, 1000hrs < 3PPM
	Screen temperature increase (operating status)	≤ 50℃
Utilization Parameters	Typical Life Value(hrs)	100000
	Operating Temperature(℃)	-10~+40
	Storage Temperature(℃)	-20~+60
	Operating Humidity(RH)	10%-90%PH
	Storage Humidity(RH)	10%-60%PH

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Protection Grade	Protection Grade	IP30
Certifications	CCC	

Note: Power will fluctuate within  $\pm 15\%$ , based on actual measurement.

#### 4. Plane Structure of the Product

