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# Product Specification

**BTQ015S**

**Rev. 0**

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

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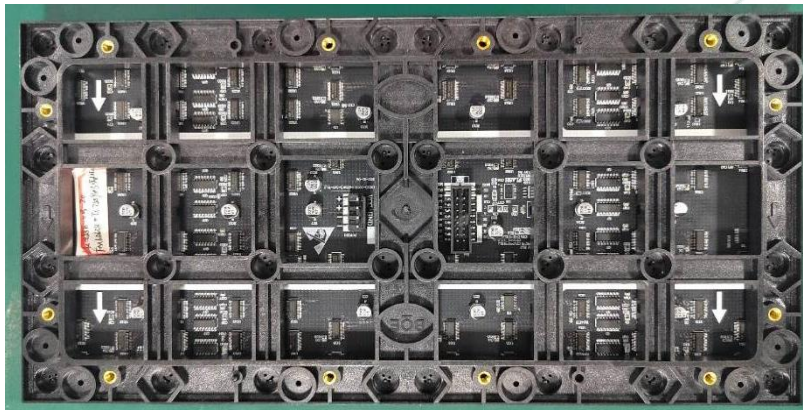
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## Product features:

- 1、 Using high-quality LED, high brightness utilization
- 2、 High contrast
- 3、 Lightweight and easy to disassemble
- 4、 Single lamp maintenance、 Low cost



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## Main Technical Specifications:

	Item	Technical parameters
MDL	Pitch(mm)	1.53
	LED Model	SMD1212
	LED Type	Copper wire
	Resolution	128*64
	Size±Tolerance (mm×mm×mm)	319.9±0.1*159.9±0.1*15±0.2
	Weight±Tolerance (kg)	0.531±0.05
	Flatness (mm)	< 0.2
	Pixel density(dot/m <sup>2</sup> )	422500
Optical parameters	Brightness(cd/m <sup>2</sup> )	≥450
	Color temperature(k)	3000 ~ 15000 (Adjustable)
	Horizontal Angle of view(°)	≥150
	Vertical Angle of view(°)	≥130
	Visual distance	≥1.5
Electrical parameters	Max power consumption of a mode	≤20W
	Average power consumption of a model	≤130W/m <sup>2</sup>
	Maximum active power consumption	≤390W/m <sup>2</sup>
	Working voltage(V)	5
	Signal input interface type	HUB75

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## Main Technical Specifications:

	Item	Technical parameters
<b>Processing performance</b>	<b>Scanning method</b>	52
	<b>frame frequency(Hz)</b>	50/60
	<b>refresh rate(Hz)</b>	3840
	<b>Drive mode</b>	Constant current driver
	<b>Gray(bit)</b>	13
<b>Running parameters</b>	<b>Continuous working hours</b>	≥7*24hrs, (support continuous uninterrupted display)
	<b>Average time without failures</b>	≥5000hrs
	<b>Discrete runaway point</b>	≤0.0001, 0 (at the factory)
	<b>Continuous runaway point</b>	0
	<b>Blind spot rate</b>	≤0.0001, 0 (at the factory)
	<b>LED Lifetime, Typical(hrs)</b>	30000
	<b>Operating temperature(°C)</b>	-10-+40
	<b>Storage temperature(°C)</b>	-20-+50
	<b>Operating humidity(RH)</b>	10%-60% (No condensation)
	<b>Storage humidity(RH)</b>	10%-65%(No condensation)
<b>Protection level</b>	<b>Ingress Protection</b>	IP30

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