



63V COB Series Specification

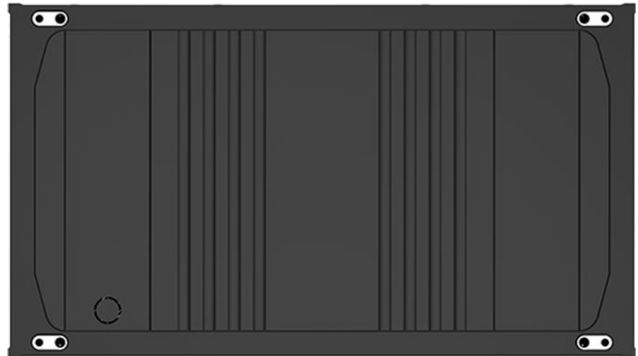
63V Product Full Flip COB
Indoor Fine Pitch LED Display

APPROVE	CHECK	DRAW
General Office	R&D	P.D
Zhiming Dai	Yinhai Zeng	Carmen
Version NO: V2.0		
Release Date: 2024-12-27		



63V COB

Full Flip COB Indoor Fine Pitch LED Display



Product Features

- **Diverse Pixel Spacing Options**

Convenient Screen Upgrade with Module Replacement Only

Available in 0.93,1.25,1.56,1.87mm pixel pitch

- **Full Flip Chip package**

All pixel pitch full Flip chip package makes wider view angle and good heat dissipation

- **Integrated Wireless Design Advantages**

Safety assurance and swift maintenance

- **Redundancy options**

Signal and power redundancy options for better stability

- **Comprehensive High-Protection Features**

Moisture, Dust, Static, and Collision Resistant with COB

- **Lightweight Panel Design**

600*337.5mm size 21.7kg/m² ,1200*675mm size 20kg/m², reduce Labor Costs During Installation



Specification

Parameter Name	Category	63V09C
Module Parameter	Pixel Configuration	COB
	Pixel Pitch (mm)	0.93
	Module Size (mm)(WxHxD)	300x168.75
	Module Resolution (WxH)	320*180
Cabinet Parameter	Unit Layout (W×H)	2*2
	Cabinet Size (mm)(WxHxD)	600x337.5x40
	Cabinet Resolution (WxH)	640*360
	Cabinet Density (m ²)	0.2025
	Pixel Density (dots/m ²)	1137777
	Cabinet Material	Die-cast aluminum
	Cabinet Weight (kg)	3.9
Optic Parameter	Cabinet Flatness (mm)	≤0.1
	Brightness (nits)	0-600(Adjustable)
	Color Temp (K)	2000~12000(Adjustable)
	Viewing Angle (H/V)	170°/170°
	Brightness Uniformity	≥98%
	Color Uniformity	Within ±0.0035 Cx, Cy
Electrical parameters	Contrast Ratio	10000:1
	Max. Power Consumption (W/m ²)	≤400
	Avg. Power Consumption (W/m ²)	≤133
Process performance	Working Voltage (V)	AC100~240V (50~60Hz)
	Drive Mode	Constant current drive
	Frame Rate (Hz)	50/60
	Refresh Rate (Hz)	3840
Application Parameters	Gray Scale (bit)	13-14
	Operation Temp (°C)	-10~+40
	Operation Humidity (RH)	10%~80%RH,no condensation
	Lifetime (H)	100,000
	Maintenance Mode	Front
IP Level	Front IP41/Rear IP20	

Note 1: According to customer requirements, different item parameters will be slightly different, and the above parameters are just for reference;

Note 2: Due to the batch nature of product production, there may be a deviation of approximately 5%-10% in terms of brightness, power consumption, and other parameters. The specific parameters are based on actual situation.



Specification

Parameter Name	Category	63V12C
Module Parameter	Pixel Configuration	COB
	Pixel Pitch (mm)	1.25
	Module Size (mm)(WxHxD)	300x168.75
	Module Resolution (WxH)	240*135
Cabinet Parameter	Unit Layout (W×H)	2*2
	Cabinet Size (mm)(WxHxD)	600x337.5x40
	Cabinet Resolution (WxH)	480*270
	Cabinet Density (m ²)	0.2025
	Pixel Density (dots/m ²)	640000
	Cabinet Material	Die-cast aluminum
	Cabinet Weight (kg)	3.9
Optic Parameter	Cabinet Flatness (mm)	≤0.1
	Brightness (nits)	0-600(Adjustable)
	Color Temp (K)	2000~12000(Adjustable)
	Viewing Angle (H/V)	170°/170°
	Brightness Uniformity	≥98%
	Color Uniformity	Within ±0.0035 Cx, Cy
Electrical parameters	Contrast Ratio	10000:1
	Max. Power Consumption (W/m ²)	≤350
	Avg. Power Consumption (W/m ²)	≤115
Process performance	Working Voltage (V)	AC100~240V (50~60Hz)
	Drive Mode	Constant current drive
	Frame Rate (Hz)	50/60
	Refresh Rate (Hz)	3840
Application Parameters	Gray Scale (bit)	13-14
	Operation Temp (°C)	-10~+40
	Operation Humidity (RH)	10%~80%RH,no condensation
	Lifetime (H)	100,000
	Maintenance Mode	Front
	IP Level	Front IP41/Rear IP20

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Specification

Parameter Name	Category	63V15C
Module Parameter	Pixel Configuration	COB
	Pixel Pitch (mm)	1.56
	Module Size (mm)(WxHxD)	300x168.75
	Module Resolution (WxH)	192*108
Cabinet Parameter	Unit Layout (W×H)	2*2
	Cabinet Size (mm)(WxHxD)	600x337.5x40
	Cabinet Resolution (WxH)	384*216
	Cabinet Density (m ²)	0.2025
	Pixel Density (dots/m ²)	409600
	Cabinet Material	Die-cast aluminum
	Cabinet Weight (kg)	3.9
Optic Parameter	Cabinet Flatness (mm)	≤0.1
	Brightness (nits)	0-600(Adjustable)
	Color Temp (K)	2000~12000(Adjustable)
	Viewing Angle (H/V)	170°/170°
	Brightness Uniformity	≥98%
	Color Uniformity	Within ±0.0035 Cx, Cy
Electrical parameters	Contrast Ratio	10000:1
	Max. Power Consumption (W/m ²)	≤350
	Avg. Power Consumption (W/m ²)	≤115
Process performance	Working Voltage (V)	AC100~240V (50~60Hz)
	Drive Mode	Constant current drive
	Frame Rate (Hz)	50/60
	Refresh Rate (Hz)	3840
Application Parameters	Gray Scale (bit)	13-14
	Operation Temp (°C)	-10~+40
	Operation Humidity (RH)	10%~80%RH,no condensation
	Lifetime (H)	100,000
	Maintenance Mode	Front
	IP Level	Front IP41/Rear IP20

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Specification

Parameter Name	Category	63V18C
Module Parameter	Pixel Configuration	COB
	Pixel Pitch (mm)	1.87
	Module Size (mm)(WxHxD)	300x168.75
	Module Resolution (WxH)	160*90
Cabinet Parameter	Unit Layout (W×H)	2*2
	Cabinet Size (mm)(WxHxD)	600x337.5x40
	Cabinet Resolution (WxH)	320*180
	Cabinet Density (m ²)	0.2025
	Pixel Density (dots/m ²)	284444
	Cabinet Material	Die-cast aluminum
	Cabinet Weight (kg)	3.9
Optic Parameter	Cabinet Flatness (mm)	≤0.1
	Brightness (nits)	0-600(Adjustable)
	Color Temp (K)	2000~12000(Adjustable)
	Viewing Angle (H/V)	170°/170°
	Brightness Uniformity	≥98%
	Color Uniformity	Within ±0.0035 Cx, Cy
Electrical parameters	Contrast Ratio	10000:1
	Max. Power Consumption (W/m ²)	≤350
	Avg. Power Consumption (W/m ²)	≤115
Process performance	Working Voltage (V)	AC100~240V (50~60Hz)
	Drive Mode	Constant current drive
	Frame Rate (Hz)	50/60
	Refresh Rate (Hz)	3840
Application Parameters	Gray Scale (bit)	13-14
	Operation Temp (°C)	-10~+40
	Operation Humidity (RH)	10%~80%RH,no condensation
	Lifetime (H)	100,000
	Maintenance Mode	Front
	IP Level	Front IP41/Rear IP20

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Product Drawing

