



ALL YOUR IMAGINATIONS CAN BE CREATED

# 36A Series

## FULL FLIP CHIP COB DISPLAY PANEL

36A Series is for fine pitch LED display market research and development of an ultra-high-definition products, mainly used for: security monitoring, command and control scheduling, video conferencing, radio and television broadcasting and other control field display applications.



**16 bit**   
grayscale

Up to  
**1000nits**   
peak brightness for your  
HDR photos and videos

**3840-7680Hz**  
high refresh rate

**2000-12000K**   
color temp

**1080P&4K**   
resolutions available



Cabinet Mixing



Compatible Panels



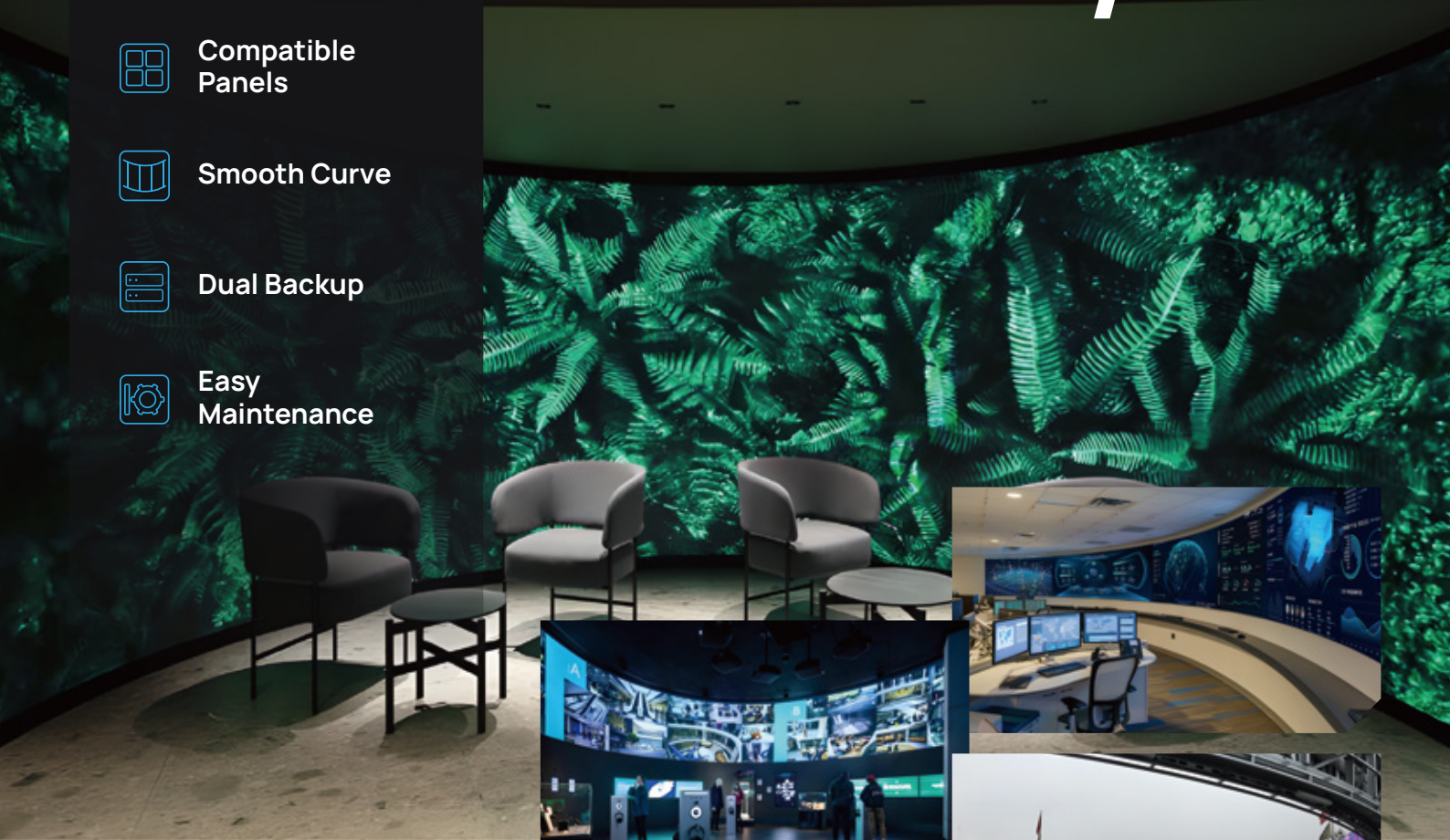
Smooth Curve



Dual Backup



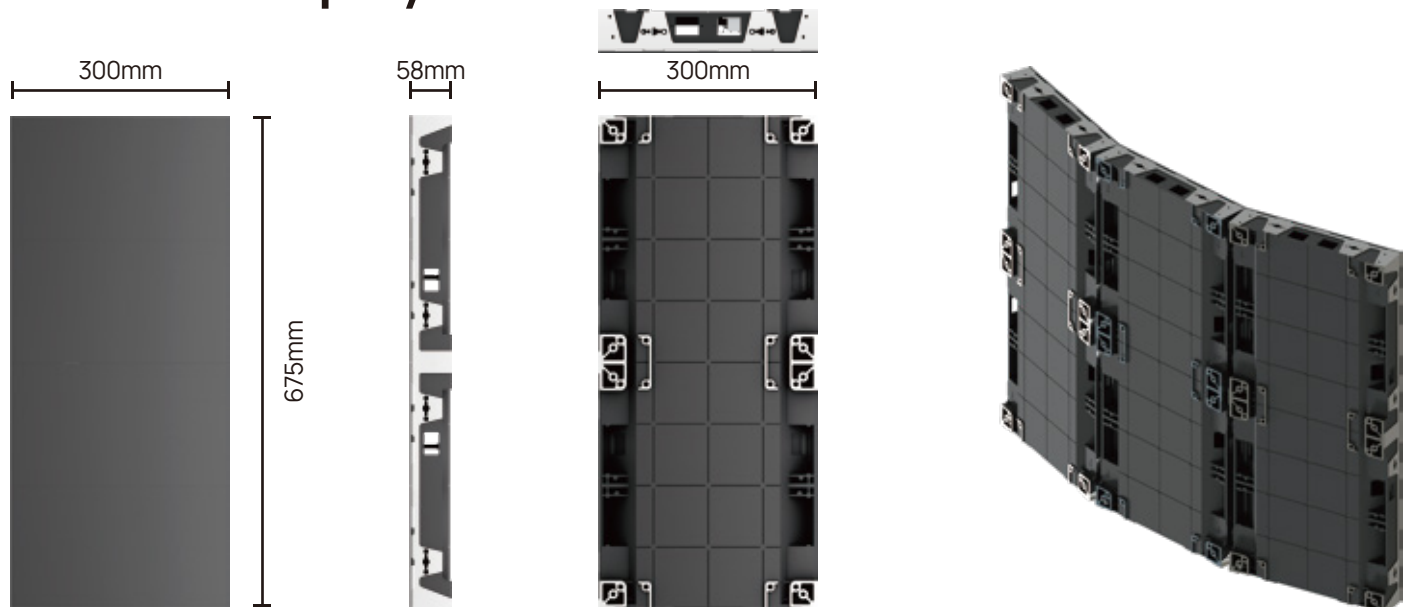
Easy Maintenance



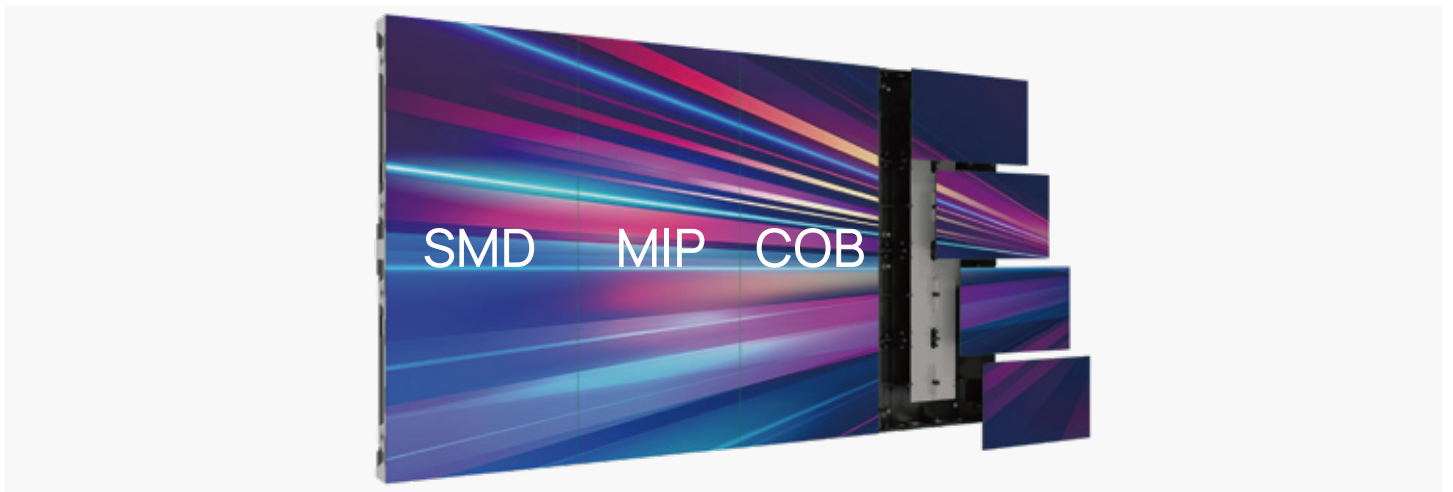
## Cabinet Mixing:

Support regular cabinet, curved cabinet, diagonal cut cabinet integrated mixing.

## Product Display







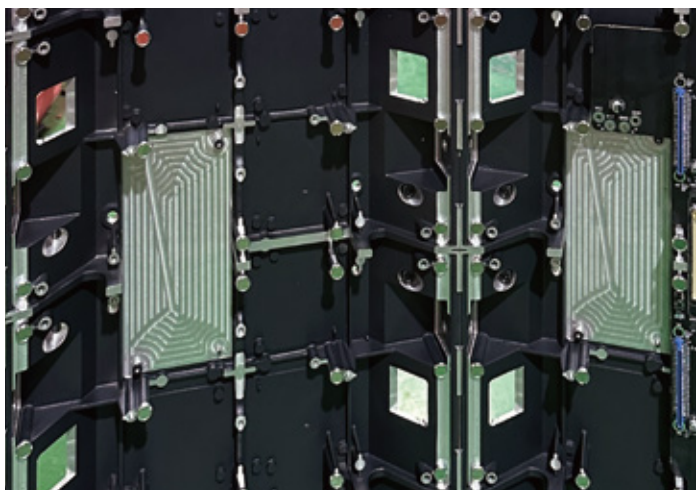
## Compatible Panels:

Compatible with a variety of panels, SMD, MIP, COB more product value power.



## Smooth Curve:

CNC mechanical bending box with semi-soft PCB, excellent performance in curved projects, smooth transition, no obvious creases and splices.



## Dual Backup:

It supports dual backup of power and signal, and 5G communication.



## Easy Maintenance:

Complete front maintenance, hot plugging and unplugging with electricity, overall hard connection.

# 36A Series Specification

SMD	36A12	36A15	36A18	36A25
PHYSICAL PARAMETERS				
Pixel Pitch (mm)	P1.25	P1.56	P1.875	P2.5
Pixel Configuration	SMD1010	SMD1010	SMD1515	SMD2121
Resolution (W×H)	240×540	192×432	160×360	120×270
Overall Weight (kg)	6.8	6.8	6.8	6.8
OPTICAL PARAMETERS				
Cabinet Size (mm) (W×H×D)	300×675×58	300×675×58	300×675×58	300×675×58
Frame Rate (Hz)	50/60	50/60	50/60	50/60
Refresh Rate (Hz)	≤3840	≤3840	≤3840	≤3840
Brightness (nits)	800	800	800	1200
Gray Scale (bit)	14~16	14~16	14~16	14~16
Color Temp (K)	2000~12000	2000~12000	2000~12000	2000~12000
ELECTRICAL PARAMETERS				
Max. Power Consumption (W)	≤725	≤680	≤600	≤660
Avg. Power Consumption (W)	≤280	≤260	≤240	≤260
Working Voltage (V)	AC: 110V~240V, 50~60Hz	AC: 110V~240V, 50~60Hz	AC: 110V~240V, 50~60Hz	AC: 110V~240V, 50~60Hz
ADDITIONAL FEATURES				
Lifetime (Hrs)	100,000	100,000	100,000	100,000
Operation Humidity (RH)	10%~90%	10%~90%	10%~90%	10%~90%

COB	36A12	36A15
PHYSICAL PARAMETERS		
Pixel Pitch (mm)	P1.25	P1.56
Pixel Configuration	COB	COB
Resolution (W×H)	240×540	192×432
Overall Weight (kg)	6.8	6.8
OPTICAL PARAMETERS		
Cabinet Size (mm) (W×H×D)	300×675×58	300×675×58
Frame Rate (Hz)	50/60	50/60
Refresh Rate (Hz)	≤3840	≤3840
Brightness (nits)	1000	1000
Gray Scale (bit)	14~16	14~16
Color Temp (K)	2000~12000	2000~12000
ELECTRICAL PARAMETERS		
Max. Power Consumption (W)	≤450	≤450
Avg. Power Consumption (W)	≤180	≤180
Working Voltage (V)	AC: 110V~240V, 50~60Hz	AC: 110V~240V, 50~60Hz
ADDITIONAL FEATURES		
Lifetime (Hrs)	100,000	100,000
Operation Humidity (RH)	10%~90%	10%~90%

The parameter index will change according to the specific situation of the project (the product shall be subjected to the submitted contract specification)

## LEDERA TECHNOLOGY CO.,LTD

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