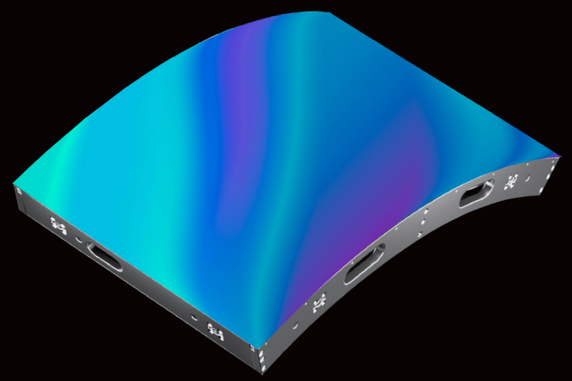
CLEARLED : RIBBON INDOOR SERIES

INTRODUCTION

The Ribbon Indoor Series combines flip-chip and common cathode technology with flexible materials, delivering ultra-high contrast ratios of 10,000:1. Its innovative design ensures clear viewing from all directions while reducing energy consumption and temperature. Experience superior visual performance with flexible modules that maintain exceptional clarity and contrast in any setting.





AVAILABLE TECHNOLOGY

Our Ribbon Indoor Series offers three LED types: **SMD**, **Flip-chip SMD**, and **Flip-chip GOB**. Each technology presents unique advantages tailored to diverse display needs, providing our clients with customizable project solutions.

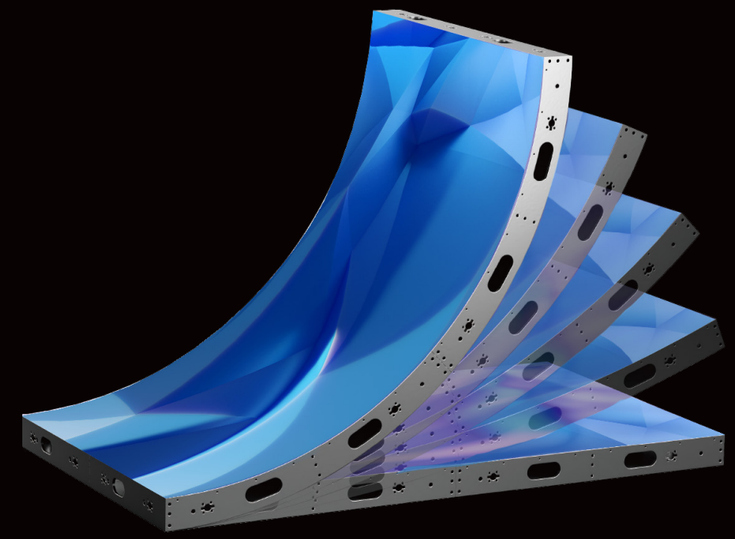
The **Flip-chip** does not require wire bonding, which breaks the pixel pitch limit of the formal chip and solves the problem of metal migration in the formal LED. The area of the Flip-Chip is smaller on the PCB board, with a larger light-emitting area.



SMD Technology | Flip-chip SMD Technology | Flip-chip GOB Technology

CUSTOMIZE EXCLUSIVE SCREEN CURVATURE

We can customize a curved screen with a bend radius ranging from -60° to +60°, which can create various fantastic display scenes, fulfilling your wild imagination for visual effects.



+60°

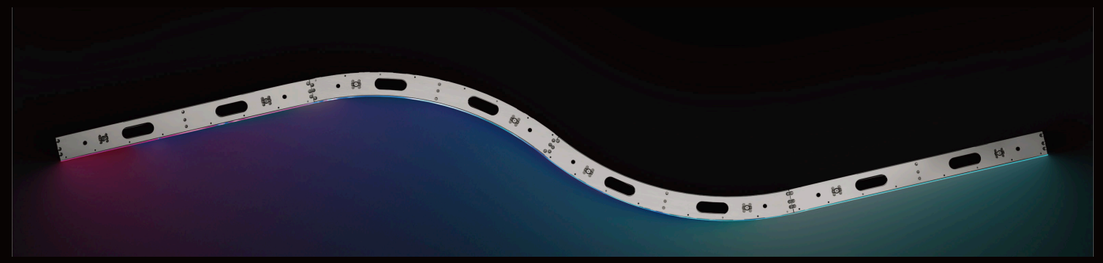
Maximum inward bending angle

-60°

Maximum outward bending angle

TWO DIFFERENT CABINETS CAN ALSO BE SPLICED TOGETHER

The Ribbon Indoor Series cabinets support direct splicing with conventional straight cabinets, and use our conventional rigid modules on the straight cabinets. This is our innovative technology and can achieve a higher economy.



WIDE VIEWING ANGLE

Our flexible modules ensure clear viewing from all directions with a 170° wide viewing angle, offering unparalleled flexibility and visibility.

ENVIRONMENTAL FRIENDLY

Due to the common cathode technology, Ribbon Indoor Series can always stay cool, and can save up to 30% more energy than traditional flexible screens.

VERSATILE INSTALLATIONS

Ideal for studios, art galleries, and corporate settings, it offers customizable scenes, diverse art displays, and enhances corporate environments for various needs.

RIBBON INDOOR SERIES | TECH SPECS

Flip-chip

MODULE		Ribbon 0.9	Ribbon 1.2	Ribbon 1.5	Ribbon 1.8
Pixel Pitch	mm	0.9375	1.25	1.5625	1.875
LED Type	/	Flip-Chip 0606	Flip-Chip 1010	Flip-Chip 1010	Flip-Chip 1010
Module Resolution	pixel	320 x 180	240 x 135	192 x 108	160 x 90
Module Size (W x H x D)	mm	300 x 168.75 x 6.25	300 x 168.75 x 6.25	300 x 168.75 x 6.25	300 x 168.75 x 6.05
Physical Density	/	1137777	640000	409600	284444
Recommended Viewing Distance	m	1 ~ 5			1.5 ~6
The Min Diameter	mm	1222.3	1336.9	1336.9	859.4
Brightness	cd/m²	>600	>1000	>1000	>1000
Power Consumption	W	550	580	580	580
Application	/	Indoor			
Refresh Rate	Hz	≤3840			
Frame Frequency	Hz	>60			
AC Input Voltage	V	110 ~ 220 ± 10%			
Operating Temperature	°C	0 ~ +40			
Storage Temperature	°C	-20 ~ +50			
Operating Humidity	/	10% ~ 90%			
Life Time	Hours	100,000			

SMD

Ribbon 1.2	Ribbon 1.5	Ribbon 1.6	Ribbon 1.8	Ribbon 1.8	Ribbon 2.5	Ribbon 3	Ribbon 4
1.25	1.5625	1.667	1.875	1.875	2.5	3	4
SMD 1010	SMD 1010	SMD 1010	SMD 1010	SMD 1010	SMD 1515	SMD 2020	SMD 2020
192 x 96	192 x 108	144 x 96	160 x 90	144 x 64	96 x 64	80 x 40	60 x 30
240 x 120 x 6.25	300 x 168.75 x 6.25	240 x 160 x 6.05	300 x 168.75 x 6.05	270 x 120 x 6.05	240 x 160 x 6.4	240 x 120 x 6.6	240 x 120 x 6.6
640000	409600	360000	284444	284444	160000	111111	62500
1 ~ 5			1.4 ~ 6	1.5 ~ 6	4 ~ 8	4 ~ 8	5 ~ 8
1222.3	1336.9	763.9	859.4	773.5	763.9	763.9	859.4
>600	>650	>600	>650	>600	>800	>800	>763.9
550	500	400	500	550	400	390	350
Indoor							
≤3840							
>60							
110 ~ 220 ± 10%							
0 ~ +40							
-20 ~ +50							
10% ~ 90%							
100,000							