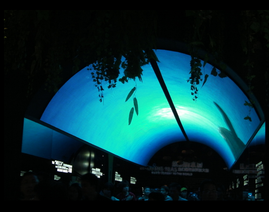
LEDSOLUTION®

Display The Beauty Of Nature

FLEX320 SERIES

Flexible LED Display



Overview

LEDSOLUTION FLEX320 Series flexible LED display features a 320 mm × 160 mm LED module, enabling simple construction of bendable screens and flexible adaptation to various project layouts.

Flex320 Series is an ideal solution for concave, convex, cylindrical, wavy, and ribbon shapes, which supports flexible deployment in irregular spaces. The module delivers smooth curves, low weight, uniform brightness, stable color, low heat generation, and reliable operation.

The front-service design reduces installation space requirements and simplifies setup, routine maintenance, and module replacement.



Key Features:

- Module size: 320mm*160mm.
- Pixel pitch: 1.25mm, 1.5mm, 1.8mm, 2mm, 2.5mm
- Front-maintenance design, making assembly and maintenance effortless.
- Soft & Bendable, ideal for creating custom curved shapes.
- Magnetic module allows quick, convenient installation onto the frame.
- Exceptional color and brightness uniformity ensures outstanding quality.
- Flexible installation: wall-mounted, floor-standing, or hanging.
- Reliable quality with a long operational lifespan.

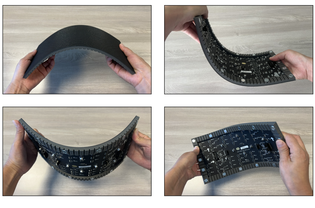
Front Service Design



The module is assembled and serviced from front side.

Easy and convenient to install and maintain.

Soft & Bendable Module



The module is soft and bendable, enabling it to make various creative and beautiful LED display shapes, bringing extraordinary visual effects.

Creative Design



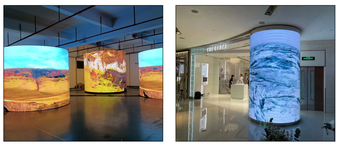
Various Display Shapes Available

We can create many unique and amazing LED displays in various shapes by using our FLEX320 series flexible LED modules.

Curve



Cylinder



Arch



Ribbon



Specification

Parameter	Value
Pixel pitch	1.25mm/ 1.5mm/ 1.8mm/ 2mm/ 2.5mm
Cabinet size	Customized
Screen shape/size	Customized
LED module	Flexible
Cabinet material	Steel
Cabinet thickness	80~100mm
Screen input power	Max 600W/sqm, Average 240W/sqm
Brightness	800~1000 nits
Display refresh rate	3840Hz
Color temperature	6500deg. K
Viewing angle	140 deg. Horizontal, 140 deg. Vertical
Service access	Front service
Operating temperature range	-30 to +60 deg. C
Humidity operating	10% ~ 90% RH
Pixel type and configuration	3in1 SMD
Colors	281 Trillion
Grey scale (linear)	65536 levels per color
Brightness control	256 Levels
Contrast ratio	5000:1
Processing depth	16bit
Video frame rate	60Hz
Input voltage (nominal)	110 or 220VAC
Input power frequency	50Hz to 60 Hz
Lifetime (50% brightness)	>=100000 Hours
Red wavelength (dominant)	620~625 nm
Green wavelength (dominant)	525~530 nm
Blue wavelength (dominant)	470~475 nm
Multimedia data format	DVI, MPG, AVI, WMV, RM etc.
Data interconnection	UTP Cat5/Optical Fiber

Professional, Experienced & Reliable
LED Display Manufacturer

Shenzhen Ledsolution Technology Co.,Ltd

+86-755-86259800 info@iledsolution.com www.iledsolution.com

Antaihe Industrial Park, Shajing, Baoan District, Shenzhen, China, 518125