

## LED Flex Display Indoor FL-Series



### | PRODUCT OVERVIEW

The Flex FL series is a flexible module that employs a soft material PCB, offering outstanding flexibility. The entire screen's curvature can be customized to create various shapes, such as cylindrical and wavy screens, along with other uniquely designed curves. It includes anti-blue light technology to minimize visual strain, boasts an ultra-high refresh rate, and is energy-efficient. The series also supports multiple installation types and personalized design.

### | PRODUCT FEATURES

- Great Flexibility
- High Contrast Ratio
- Front Maintenance
- Easy Installation
- High Gray-scale
- Energy Saving
- High Refresh Rate
- Anti-Blue Light Technology



| Technical Specifications

Model		FL1.2
Module Size (mm)		240 × 120 × 8.6
Pixel Pitch (mm)		1.25
LED Type		SMD3in1
Module Resolution (pixels)		192 x 96
Pixel Density(pixels/m2)		640000
Brightness (cd/m <sup>2</sup> )		≥500 nits optional: 800 nits
Refresh Rate		≥3840 Hz
Viewing Angle		H160°/V160°
Anti-Blue Light Technology		Yes
Curving (concave)		Yes
Cabinet Required		Yes
Operating Temperature / Humidity		-15℃~55℃ / 10~90% RH
Storage Temperature / Humidity		-20℃~60℃ / 10~90% RH
Module Weight		0.75 Kg
IP Rating (indoor)		IP30
Maintenance		Front
Input Voltage		AC110-240V 50/ 60Hz
Maximum Power Consumption		505 w/m <sup>2</sup>
Average Power Consumption		145 w/m <sup>2</sup>
Life-time		100000 Hrs

Note: NTRON may make changes to specifications and product description without notice.