

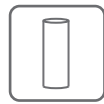


## FL Series

Creation. Innovation. Imagination.



-45° to +45° adjustable



Cylinder diameter  $\geq 1.27\text{m}$



Partner of PL & NT series



One-man operation

### ◀ More flexible than ever before



500x500mm (19.69x19.69")

- 2.5, 2.6, 2.9mm pixel pitch
- As light as 7kg (15.43lbs) per panel
- 500(W)x250(H)mm detachable modules
- Adjustable angles from -45° convex to +45° concave
- One-handed operation to adjust the angle (first press the unlock button of the right handle with the thumb, then hold the right handle and rotate clockwise to adjust the angle)
- Comes standard with reinforcements for leveling flat screens

### ◀ Fewer panels, more pronounced curves



- Large-angle bending can be realized with a single panel



- 8 panels can form a cylinder with a radius of 0.64m

## ◀ Combination capabilities with popular products



- Flat screen combined with PL Lite V10 and FL series



- Flat screen built by PL Lite V10 and convex screen built by FL series



- Flat screen built by PL Lite V10 and concave screen built by FL series



- FL series also provides more products to match NT, PL V2 series\*

## ◀ Product specification

Parameters	FL2.5				FL2.6	FL2.9	
	PL2.5 Lite V10	PL2.5 Pro V10	PL2.5 Plus V2	PL2.5 Pro V2	NT2.6	PL2.9 Lite V10	NT2.9
Recommended matching products	PL2.5 Lite V10	PL2.5 Pro V10	PL2.5 Plus V2	PL2.5 Pro V2	NT2.6	PL2.9 Lite V10	NT2.9
Control system	NovaStar system						
LED type	Black SMD1515				Black SMD1515	Black SMD2020	
Pixel pitch (mm)	2.5				2.6	2.97	
Panel dimensions (WxH, mm)	500x500 (19.69x19.69")						
Panel resolution	200x200				192x192	168x168	
Panel weight (kg)	7 (15.43lbs)						
Panel material	Die-casting aluminum						
Module size (WxH, mm)	500x500						
Brightness (nit)	1000	1500	1200	1500	1000	1000	1000
Refresh rate (Hz)	3840	3840	3840	3840	3840	3840	3840
Grayscale (bit)	14	16	15	16	14	14	14
Contrast ratio	5500:1	8800:1	7000:1	8800:1	5500:1	5500:1	5500:1
Color temperature (K)	6500						
Drive mode	1/20				1/24	1/28	1/28
AC operating voltage(V)	100~240						
Power consumption (max./avg., W/m <sup>2</sup> )	580/190	680/230	640/215	720/240	690/230	540/180	498/166
IP rating (Front/rear)	IP40/IP21						
Certification	FCC, ETL, CE, RoHS						

\*The lock systems of PL V10, PL V2, and NT series are different in design and location. If FL products are to be combined with products of different series, a matching lock system needs to be replaced.

### Absen Optoelectronic Co.,Ltd

18-20F Building 3A, Cloud Park, Bantian ,  
Longgang District Shenzhen, 518129, P.R.China  
T: +86-755-89747399 E: absen@absen.com  
F: +86-755-89747599 W: www.absen.com

### Absen Inc.

7120 Lake Ellenor Drive, Orlando,  
Florida 32809, USA  
T: +1-407-203-8870 E: info@usabsen.com  
F: +1-407-203-8873 W: www.usabsen.com

### Absen GmbH

Hessenring 4c, 64546 Moerfelden-Walldorf (Frankfurt am Main),  
Germany  
T: +49 (0) 6105 718941-0 E: europe@absen.com  
F: +49 (0) 6105 718941-29 W: www.absen-europe.com



Twitter: @LEDAbsen  
Facebook: @LEDAbsen  
LinkedIn: Absen  
Instagram: absenled