NOVA CONTROLLER

FRONT SERVICEABLE

HIGH RESOLUTION

HIGH REFRESH

FANLESS

INDOOR

FIXED INSTALL

PixelFLEX™

FLEXUltra

PixelShield™

FLEX Ultra

ULTRA HIGH-RES PITCH

Resolution is often key in most installs of LED. The FLEXUltra pitch is one of the highest resolution displays on the market.

PIXEL CALIBRATION

Your tiles are calibrated directly out of the box to help decrease failure, and ensure perfect color and brightness of your LED screen.

FUTURE READY

Modules can be upgraded of increase the resolution to your screen by simply replacing magnetic modules. No construction, no mess, no costly frame upgrade.
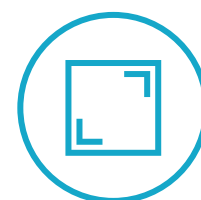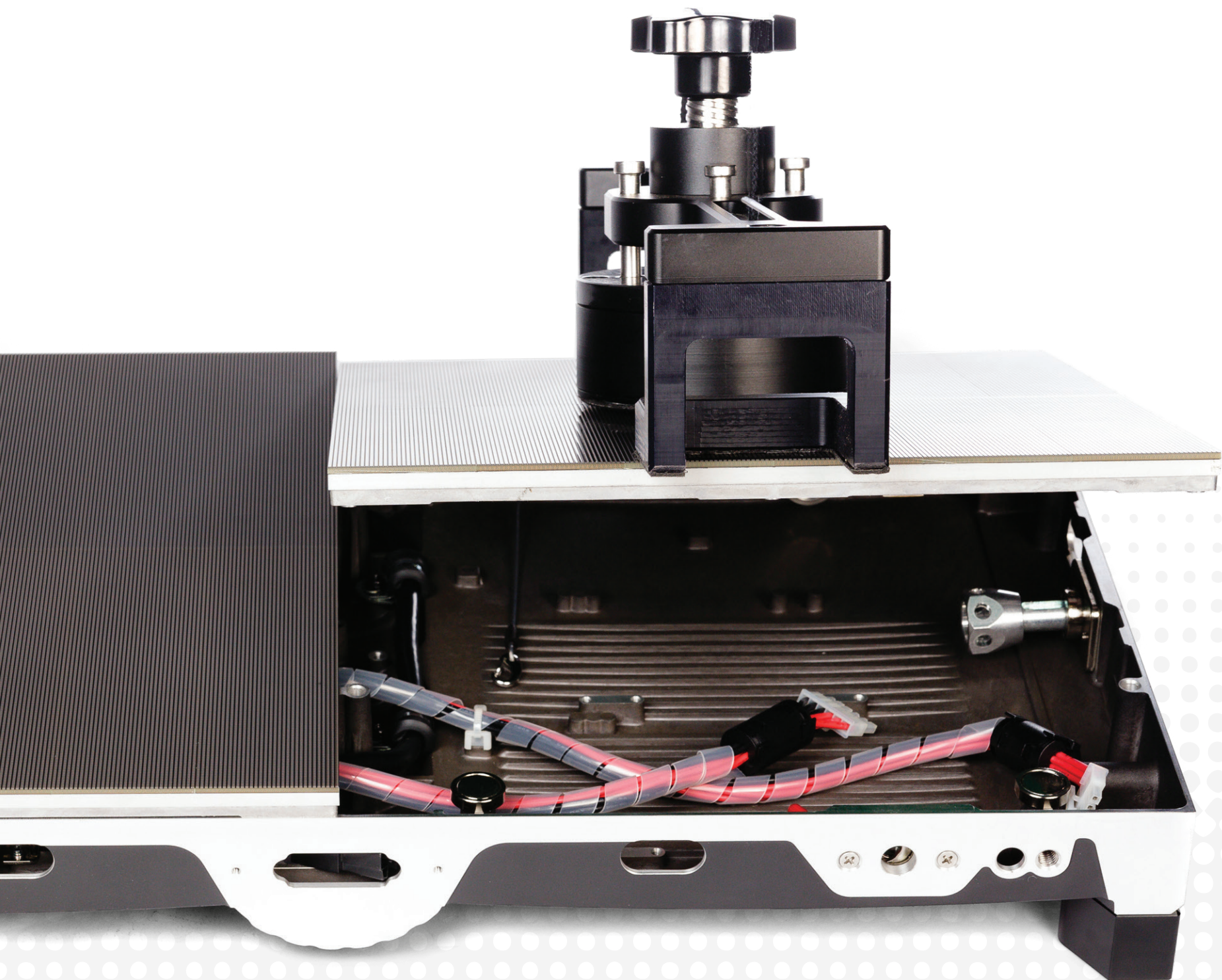
DESIGNED TO MOVE FORWARD

FLEXUltra is a dynamic, high definition LED display allowing boundless opportunities to create an unforgettable space. Experience true HD quality video with the creative freedom that allows you to define your space. Each panel is conveniently designed in a perfect 16:9 ratio, with impact resistant COB PixelShield™ technology. Front serviceable modules make it easy to keep this panel looking good, all the time.

pixelflexled.com

PixelFLEX™

SCREEN CARE MADE SIMPLE

FLEXUltra is packed with features that make upkeep easy and pain-free, from easy-to-remove panels to less complicated cabling and connection points.

FRONT SERVICEABLE

Panels can be completely disassembled from the front allowing for installations with no rear access to panels. Replace faulty LED's, power supplies and data hubs without the hassle.

MAGNETIC MODULES

Magnetically secured modules allow for secure fixing of modules to frames, as well as easy removal for service.

QUICK-RELEASE CABLING

Internal cabling is all quick release allowing for tool less service.

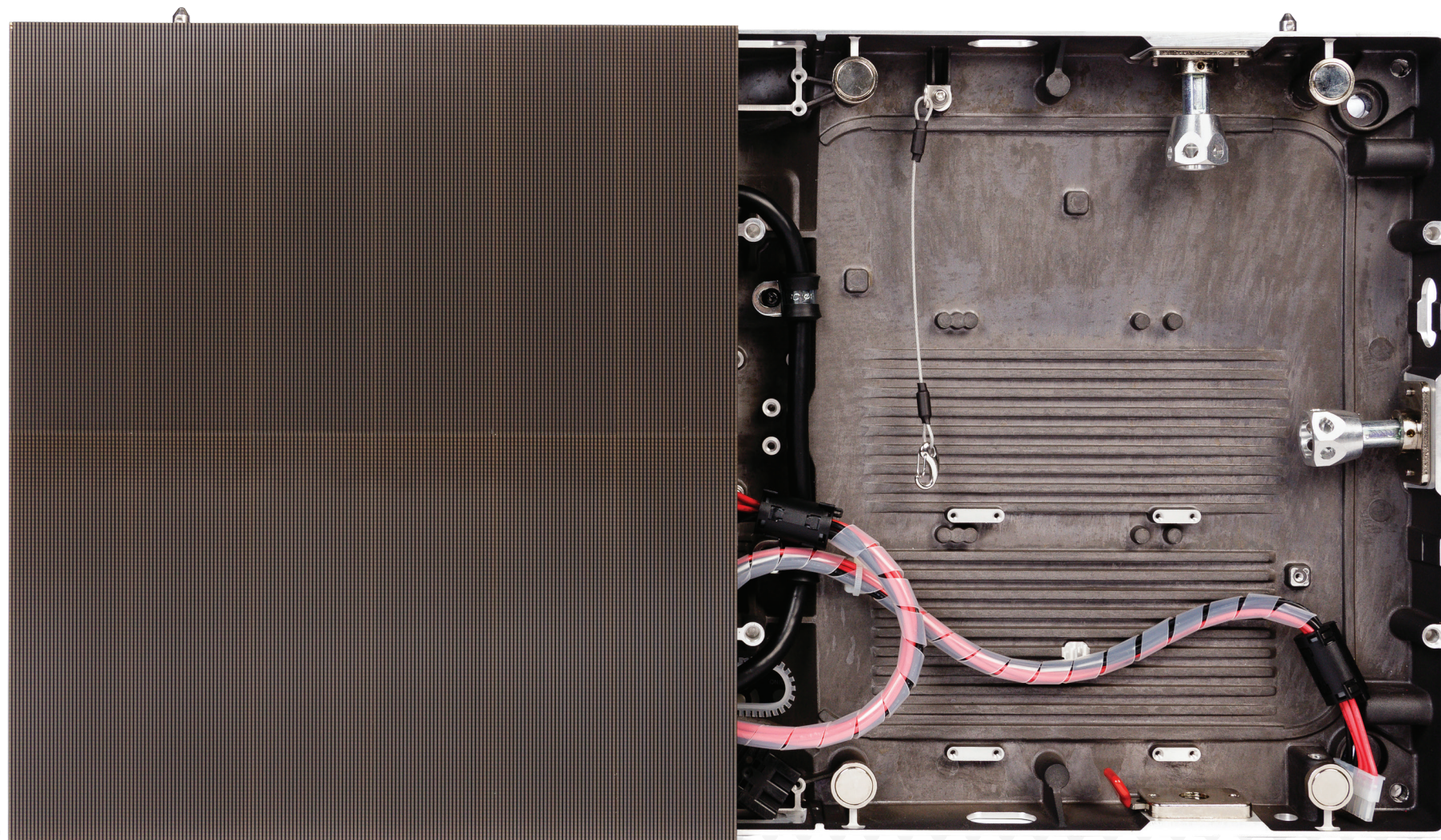PixelFLEX™

FLEXUltra

🛡 PixelShield™

NO MORE MOIRÉ

Patented anti-moiré technology eliminates the natural flicker effect most standard LED displays create, allowing the content to be photographed or caught on video without frustrating color patterns and interference.

ADDED PROTECTIVE COATING

PixelShield™ true COB technology offers industry leading impact and scratch resistance to your FLEXUltra fine pixel pitch display modules. With PixelShield™ FLEXUltra guarantees a dramatic decrease in pixel failures over the lifetime of your display, and sets it apart from other displays in terms of durability.
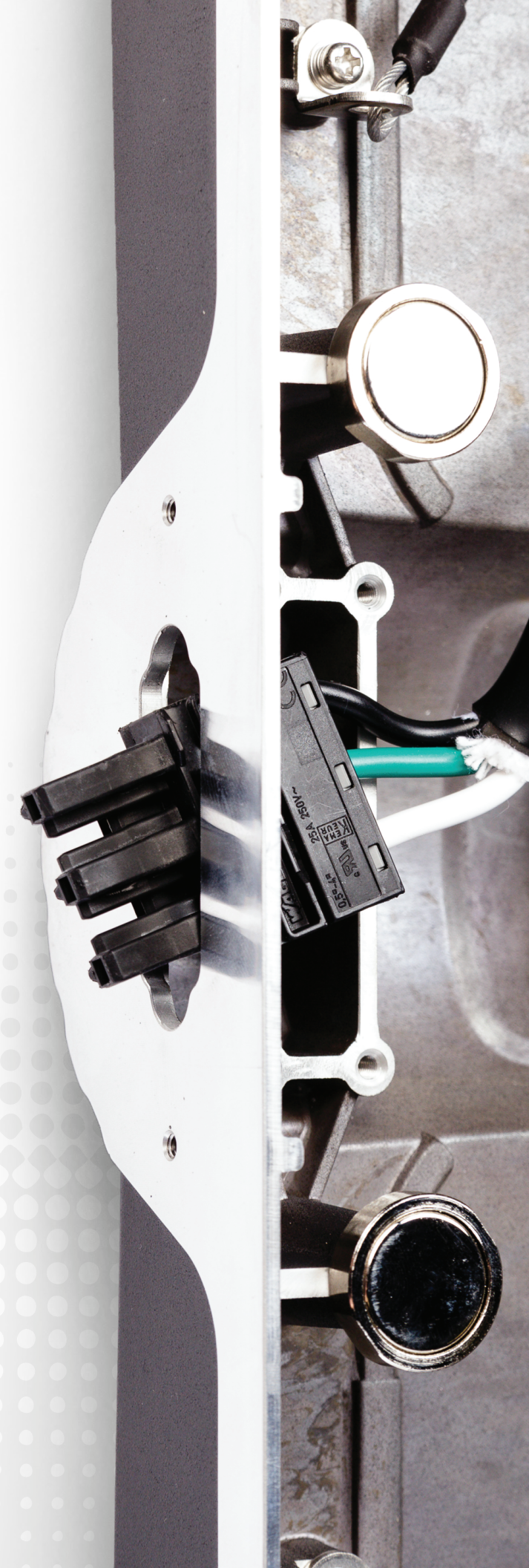
Pixel**FLEX**™

THIN & COMPACT

The FLEXUltra's slimline and lightweight design allows it to be easily packed and stacked.

SEAMLESS

Spring loaded guide pins and special interlock system guarantee panels to attach cleanly for beautiful rigging.

RELAIBLE CONNECTIONS

The FLEXUltra LED panels can be tethered flawlessly with the Easy Connect power and signal connectors, which also offer the convenience of redundant backup.
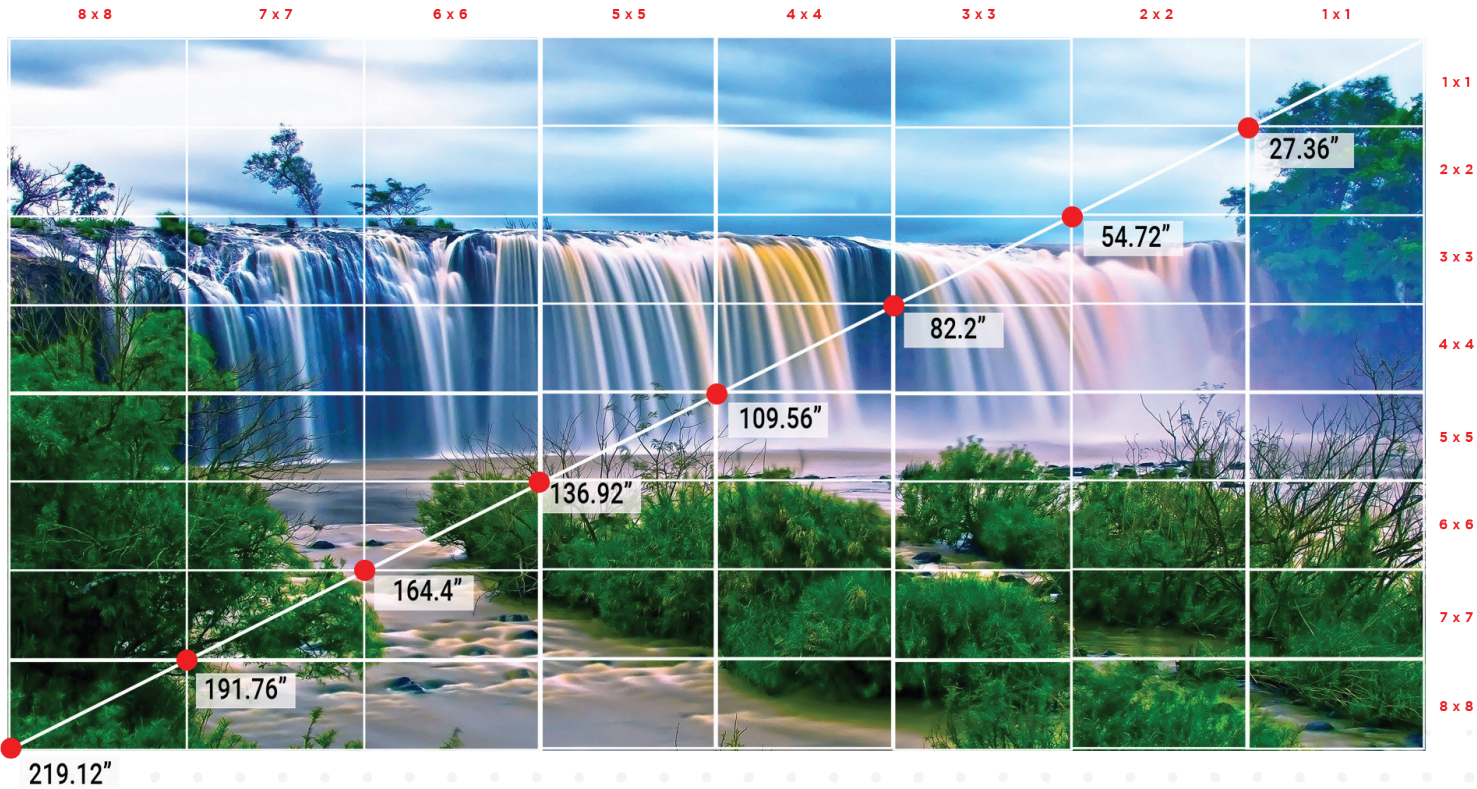
RATIO AND SIZING CHARTS

	1 x 1 1.99' x 1.12'	2 x 2 3.98' x 2.24'	3 x 3 5.97' x 3.36'	4 x 4 7.96' x 4.48'	5 x 5 9.95' x 5.6'	6 x 6 11.94' x 6.72'	7 x 7 13.93' x 7.84'	8 x 8 15.92' x 8.96'
.95mm				COMING SOON				
1.2mm	480 x 270 px	960 x 540 px	1440 x 810 px	**1920 x 1080 px**	2400 x 1350 px	**2880 x 1620 px**	3360 x 1890 px	**3840 x 2160 px**
1.6mm	384 x 216 px	768 x 432 px	1152 x 648 px	1536 x 864 px	**1920 x 1080 px**	2304 x 1296 px	**2688 x 1512 px**	3072 x 1728 px
1.9mm	320 x 180 px	640 x 360 px	960 x 540 px	1280 x 720 px	1600 x 900 px	**1920 x 1080 px**	2240 x 1260 px	**2560 x 1440 px**
2.5mm	240 x 135 px	480 x270 px	720 x 40px	960 x 540 px	1200 x 675 px	1140 x 810 px	1680 x 945 px	**1920 x 1080 px**

Note: **Full HD**: 1920 x 1080   **2K**: 2560 x 1440   **4K**: 3840 x 2160

27.36"
54.72"
82.2"
109.56"
136.92"
164.4"
191.76"
219.12"

FULL HD
Resolution:
1.2mm – 1920 x 1080

Cabinet Configuration:
4 x 4 Cabinets

2K
Resolution:
1.2mm – 2880 x 1620

Cabinet Configuration:
6 x 6 Cabinets

4K
Resolution:
1.2mm – 3840 x 2160

Cabinet Configuration:
8 x 8 Cabinets

PixelFLEX™

88mm

LED Video Wall

Hanging Mount

71mm

Wall Mount

HIGH REFRESH RATE

FLEXUltra has a 3840Hz refresh rate which eliminates scan lines and flicker in your display on camera.
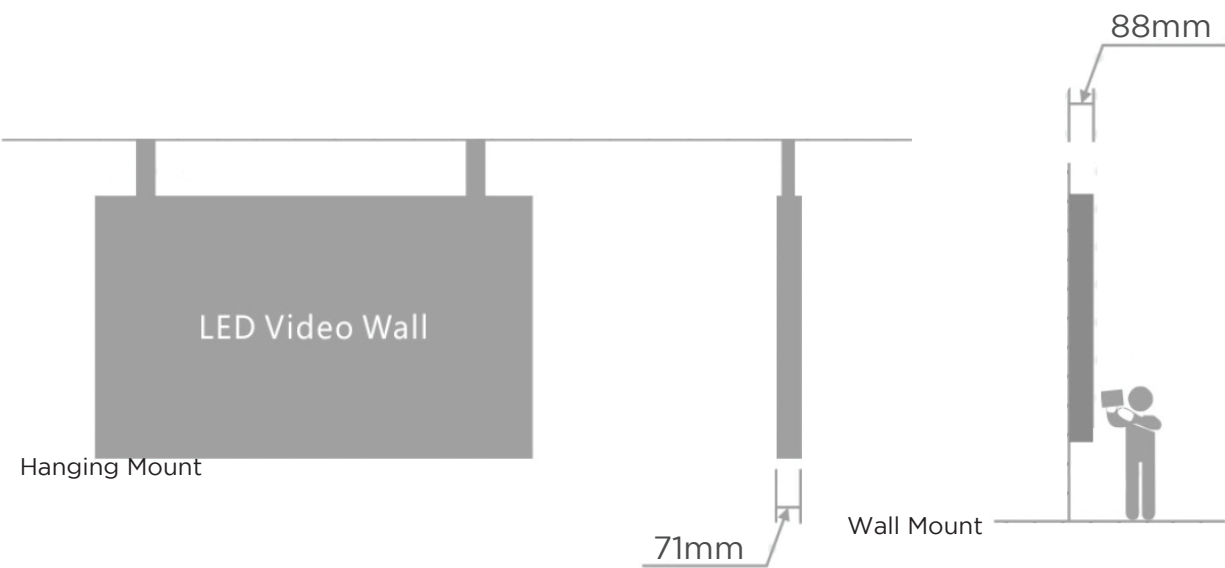
HIGH GREY SCALE AT LOW BRIGHTNESS

FLEXUltra uses high quality LED drivers and drive IC to help with better color rendering at lower brightnesses.

STANDARD LED PRODUCT

FLEXUltra

FLEXUltra • Technical Specifications					
Parameter					
Model	FXu-0.93v2	FXu-1.2v2	FXu-1.58v2	FXu-1.9v2	FXu-2.5v2
Pixel Pitch	0.93mm	1.2mm	1.58mm	1.9mm	2.53mm
Pixel Density (PSM)	1,162,084	640,000	360,000	283,350	160,000
Cabinet Resolution	640 x 360	480 x 270	384 x 216	320 x 180	240 x 135
Cabinet Style	Die Cast - Full Front Serviceable				
LED Type	PixelShield™ 3 in 1 COB				3 in 1 SMD
Cabinet Size	600 x 337.5 x 60mm / 23.62 x 13.28 x 2.36 In	608 x 342 x 71mm / 23.93 x 13.46 x 2.79 In			
Weight	7.2kg / 15.87lbs				
Brightness	450 Nit	600 Nit			1000 Nit
Refresh Rate	3060	3960	3180	3900	3840
Viewing Angle	160° Horizontal/Vertical				
Color Temperature	2500 - 10000K				
Source Compatibility	AV, S-Video, VGA, CVBS, HDMI, DVI				
Operating Temperature	-10°C~40°C/ 14°F-104°F	10%-85% RH				
Input Power Voltage	110/240V @ 50/60Hz				
Power Connection	Molded Connector				
Power Consumption Avg	146 W/m²	30 W/Panel	260 W/m²	54 W/Panel			
Power Consumption Max	440 W/m²	89 W/Panel	650 W/m²	135 W/Panel			
Processing	Novastar				
Data Connection	Cat 5/6e				
Lifetime	100,000 hours				
Weather Rating	IP30				
Certifications	CE, RoHS, ETL, FCC				

*All specifications are property of PixelFLEX LLC., and are subject to change without notice. Please verify specifications and information before final sale.

PixelFLEX ™