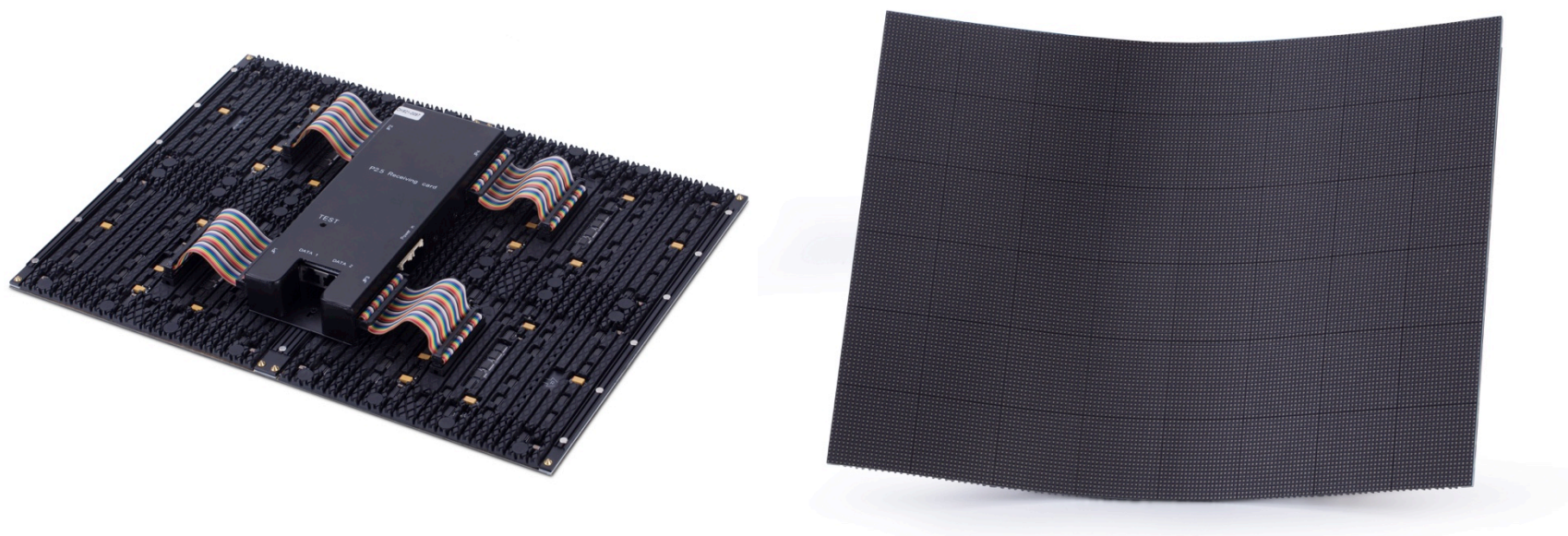


## AmFlexPro-P2.5mm flexible led tiles



### **AmFlex Pro**

- Tile size 400x300mm
- Lightweight, high precision, and easy installation.
- Achieves Curved shapes like Convex and Concave.
- Front Access for Super Easy Front Maintenance
- Super high resolution and wide view angle
- Adjustable brightness and high contrast
- High reliability and back-up system
- Lower brightness and High gray scale for Broadcast
- High refresh rate
- Long lifespan
- High efficiency components, more energy saving.
- Integration design, fanless nor cooling equipment, no noise interference.

Modular Design for any application no matter big or small, best for closer look especially in TV set and Showcase etc.

More information please contact at [info@designledpro.com](mailto:info@designledpro.com)

## AmFlex Pro Specification

Product Name	TVF1.6	TVF1.9	TVF2.5
Part Number	P1.6	P1.9	P2.5
Pixel Pitch	1.667mm	1.923mm	2.500mm
Resolution (per LED Panel)	240x180pixels	208x156pixels	160x120 pixels
Pixel Density	33,445 per sq. foot (360,000 per sq. meter)	25,120 per sq. foot (270,400 per sq. meter)	14,864 per sq. foot (160,000 per sq. meter)
Pixel Density (Pixels per LED Panel)	43,200	32,448	19,200
The mini Diameter	2m/6.56ft	2m/6.56ft	1m/3.28ft
The thickness of led screen	60mm/2.36in	60mm/2.36in	60mm/2.36in
LED Panel Size (W x H)	15.8"x 11.8'x 0.4" (400 mm x 300 mm x 10 mm) (Panel only, not including system board and mount)		
LED Panel Diagonal	19.68" (500 mm)		



LED Panel area	1.29 sq. feet (0.12 sq. meters)
LED Panel Weight	~5.5 lb (2.8 kg)
LED Configuration	SMD 3-in-1 Black face LEDs
Brightness (non-calibrated)	0- 800 nits (adjustment)
Brightness Uniformity	97%
Viewing Angle (Horizontal/ Vertical)	160°/140°
Color Space	92%, NTSC
Color Uniformity	97%
Color Temperature, Adjustable (k)	3,200-9,300
Color Depth	18 bits
Contrast Ratio	3,000:1
Frame Rate	50, 60 Hz
Driver IC and mode	MBI 5153, Constant Current Driver
LED Refresh Rate	1,920 Hz
Power Consumption,	75w/Panel (625w per sq. meter)

Maximum (watts)	
Power Consumption, Typical (watts)	30w/Panel (250 per sq. meter)
Runtime Duty Cycle	24x7
Lifetime: Typical	50,000 hours to half brightness
Acoustic Noise	Fan less Operation
Operating Temperature / Humidity (Degrees F/C, relative humidity)	+14°F to +104°F (-10°C to +40°C) at 10-80% RH
Storage Temperature /Humidity (degrees F/C, relative humidity)	-40°F to +140°F (-20°C to +60°C) at 10-85% RH
Adjustable Mount	Optional
Environment /Application	Indoor; fixed
Installation, Service	Front &back
Standard Mounting Configurations	Fixed, Self-Standing



Power Supply Type	Integrated
Redundancy	Optional dual power supply, optional redundant video cabling
Line Voltage	100-240Volts AC, 50 & 60Hz
Video Input Type	DVI
Video Input Resolution Maximum	1920x1080 @50, 60 Hz
Display Control	Control Software included
Control Input Type	RS232 or Ethernet
Warranty	2 year limited warranty
Power Supply	Fanless Unit

The specification is subject to change without prior notification.