

# ELEMENT RIBBON

LIVE SPORTS. ANY WEATHER. EVERY MOMENT.

Built for the Elements. Made for the Game.

2025 ELEMENT RIBBON OUTDOOR FIXED LED SERIES BY ATS-PRO

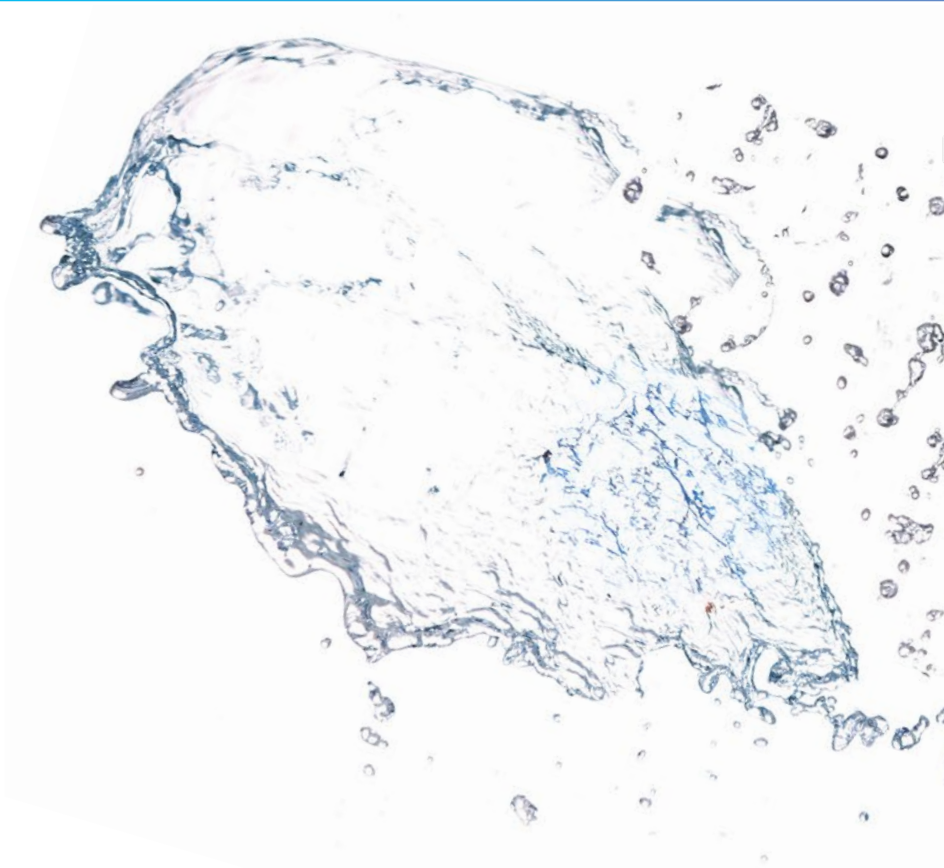
ATS  
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# Multiple screen sizes

Choose the perfect fit for your space with 320mm and 480mm wide panels.





## Protection grade IP66 and Fanless cooling system

The entire cabinet is IP66-rated on both the front and rear, certified by TUV, ensuring complete protection against water ingress. Its fanless cooling system prevents dust and dirt from entering, helping to extend the lifespan of the internal electronic components.

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## Simple and strong aluminum back frame

The LED panel is supported by a robust, streamlined aluminum back frame that mounts directly to the wall, ensuring a secure and seamless installation. This durable, lightweight design provides long-term stability while maintaining a sleek, low-profile appearance..





## Wide viewing angle

Ensuring vibrant and consistent visuals from nearly any seat in the venue. This expansive visibility makes it ideal for sports and entertainment events, delivering a clear and immersive experience for every spectator.



## High Brightness

No matter the environment, high brightness matters for delivering flawless image clarity and maintaining superior picture quality, even in well-lit spaces or direct sunlight.





Slim and light weight design

## Position Pins

Position pin on the cabinets are easy to locate into the frame.

## Handles

Handles on the top are easy to pull the cabinet up with safety wire.



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## Built for Safety. Ready for the Outdoors.

Engineered with materials compliant to UL 94 5VB fire-resistance standards, our LED panels deliver peace of mind alongside stunning visuals. Whether installed in stadiums, transit hubs, or high-traffic outdoor environments, you can trust our technology to perform safely—even under demanding conditions.



# Specifications

ATS-PRO Element Ribbon Series LED panel shown.

Specifications	RB5.7	RB6.6	RB8	RB10
LED Type	SMD2727 GOLD OR COPPER	SMD2727 GOLD OR COPPER	SMD3535 GOLD OR COPPER	SMD3535 GOLD OR COPPER
Pixel Pitch (mm)	5.71	6.67	8	10
Panel Dimensions (W*H*D)/(mm)	960x960x81	960x960x81	960x960x81	960x960x81
Pixel Per Panel (w, h)	168x168	144x144	120x120	96x96
Panel Weight (kg/m <sup>2</sup> )	30	30	30	30
Panel Material	Aluminum	Aluminum	Aluminum	Aluminum
Module Dimensions (W*H)/(mm)	480x320	480x320	480x320	480x320
Brightness (nit)	9,000	10,000	10,000	10,000
Refresh Rate (Hz)	3,840	3,840	3,840	3,840
Grayscale (bit)	14-16 bit	14-16 bit	14-16 bit	14-16 bit
Contrast Ratio	10,000:1	10,000:1	10,000:1	10,000:1
Color Temperature(K)	8,000	8,000	8,000	8,000
Viewing Angle(H/V)(°)	H-160°, V/Up-20°, V/Down-60°	H-160°, V/Up-20°, V/Down-60°	H-160°, V/Up-30°, V/Down-60°	H-160°, V/Up-30°, V/Down-60°
Driving Type	7 scan	6 scan	4 scan	2 scan
AC Operating Voltage(V)	100-240V	100-240V	100-240V	100-240V
Power Consumption (Max./Avg.) (W/m <sup>2</sup> )	580/174	580/174	550/165	550/165
Storage Temperature(°C)	-40~+60°C	-40~+60°C	-40~+60°C	-40~+60°C
Operating Temperature(°C)	-40~+55°C	-40~+55°C	-40~+55°C	-40~+55°C
Storage Humidity (RH)	10%~60%RH	10%~60%RH	10%~60%RH	10%~60%RH
Operating Humidity (RH)	10%~95%RH	10%~95%RH	10%~95%RH	10%~95%RH
IP Rating (Front/Rear)	IP66/IP66	IP66/IP66	IP66/IP66	IP66/IP66
LED Lifetime (H)	100,000	100,000	100,000	100,000
Maintenance	Front/Rear/Top	Front/Rear/Top	Front/Rear/Top	Front/Rear/Top
Panel Installation Type	Fixed	Fixed	Fixed	Fixed
Certificate	ETL/FCC	ETL/FCC	ETL/FCC	ETL/FCC

Specifications subject to change. Please contact ATS-Pro for updated specifications.





## Masters in the Art of LED

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