

Taylorleds

WB Cube

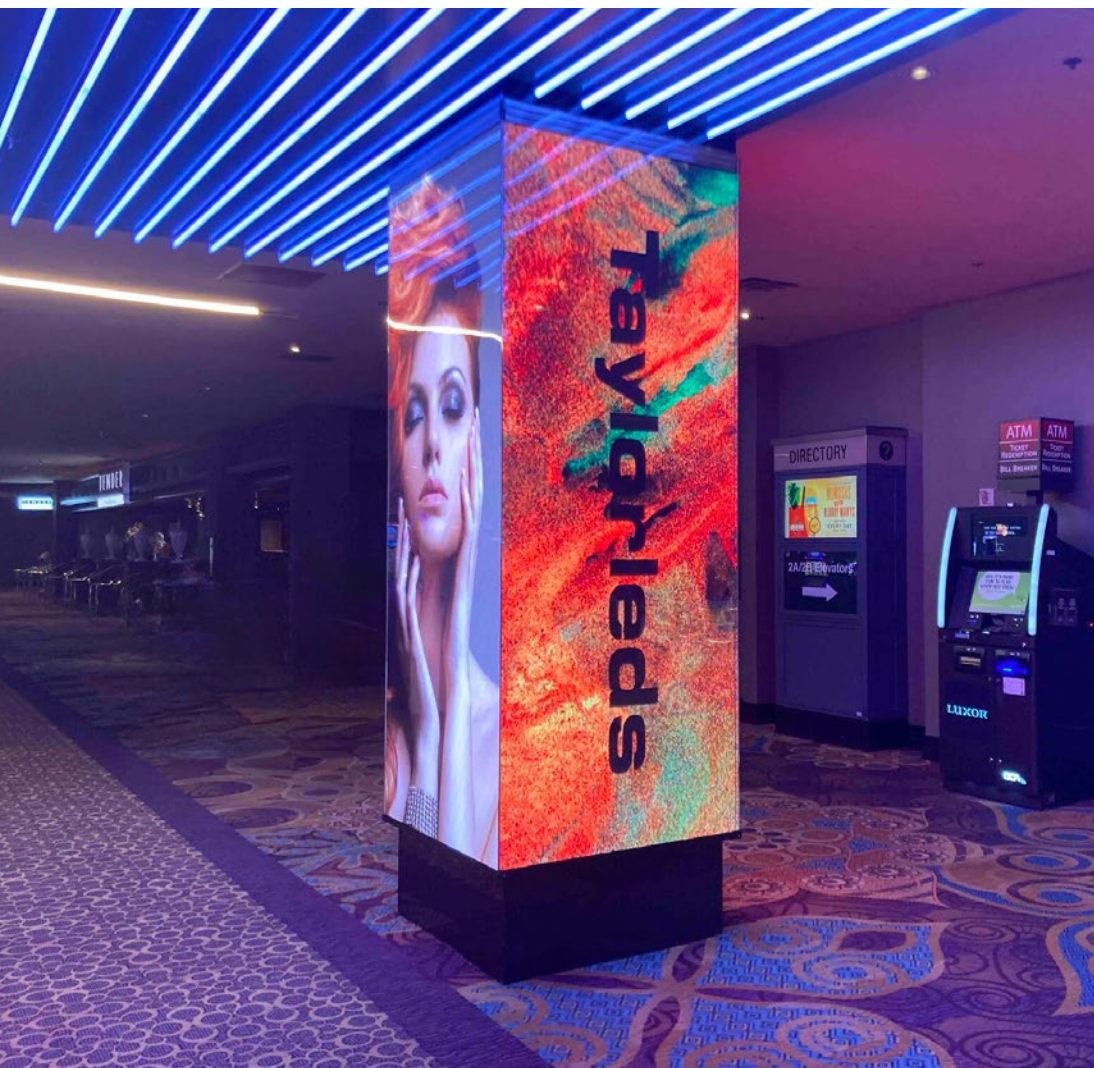
CREATIVE, 3D SHAPES.

Panels can be arranged to create cubes and other creative 3D-shapes.

WB SERIES 1.89mm, 2.4mm, 3.2mm, 4mm

2024 WB CUBE SERIES MODULAR INDOOR LED MADE FOR ATS-PRO BY TAYLORLEDS





Masters in the Art of LED

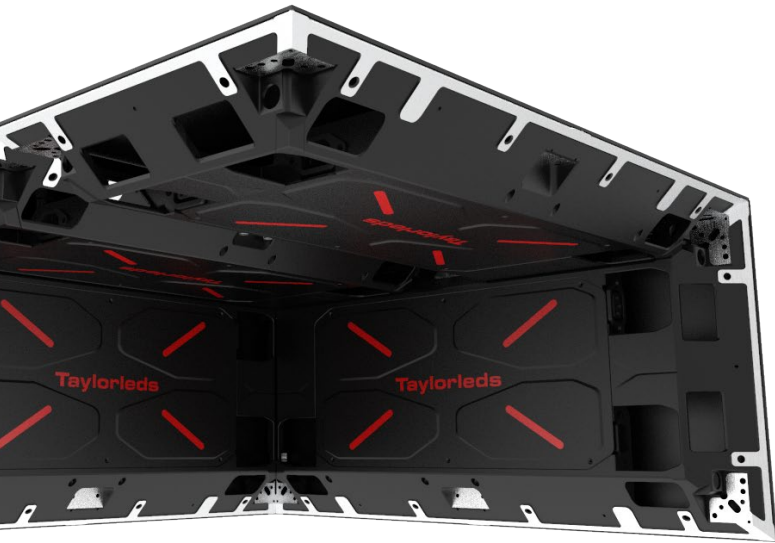
Welcome to ATS-Pro, the exclusive U.S. distributor for Taylorleds. With nearly two decades of experience in the AV industry, I founded ATS-Pro to bring unmatched expertise and innovation to our clients.

Taylorleds, our esteemed partner, is an innovative joint venture with Absen, excelling in design, R&D, and quality control. Absen, a leading Chinese manufacturer, handles production, ensuring top-notch quality. Together, we present the most advanced LED systems, meticulously crafted for superior performance.

At ATS-Pro, our dedicated account managers, top-tier technical support, and industry thought leaders work tirelessly to help you master the art of LED technology. I invite you to explore our brochures and experience innovation at its finest.

Warm regards,

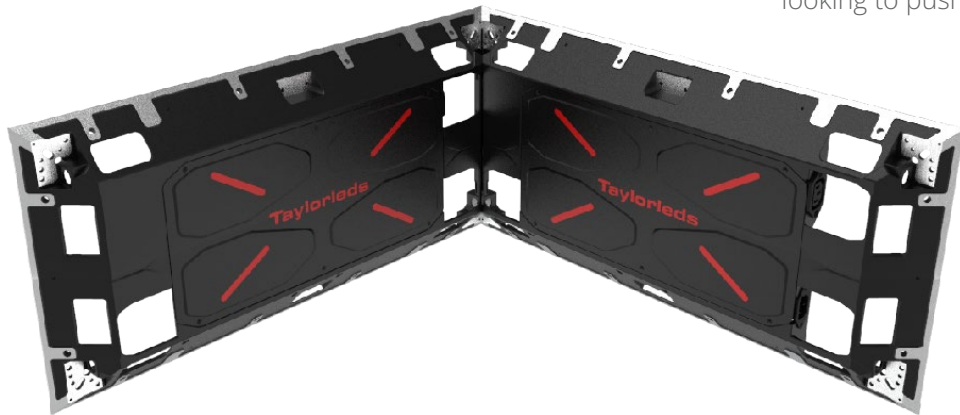
Chris Pelzan



WB Cube Series: Expanding Creativity and Versatility with Cube and Corner Design

Building on the versatile WB Series platform, the WB Cube Series offers a ground-breaking solution for creating corners and 6-sided LED cubes with unmatched precision. Compatible with standard WB panels, the Cube Series features a pre-chamfered, four-corner die-cast cabinet that reduces gaps between edges to less than 1/8"—the thickness of a single PCB.

Available in various sizes, with the minimum cube dimension of 576mm (1.89'), the WB Cube Series provides endless creative possibilities for unique, captivating displays across a wide range of applications. Whether used independently or in conjunction with standard WB panels, the WB Cube Series is designed for those looking to push the creative boundaries of direct-view LED display technology.



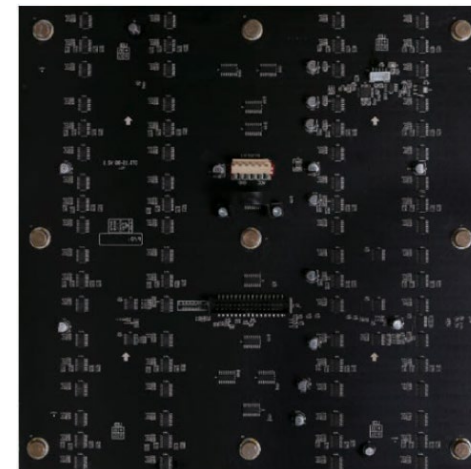
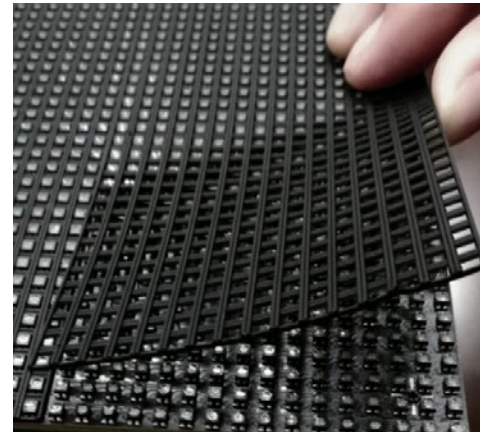
Elevated Panel Design with Pro Features

Connection Bracket

For better structure strength and accuracy, flat brackets are used to connect panels with each other on adjacent sides.

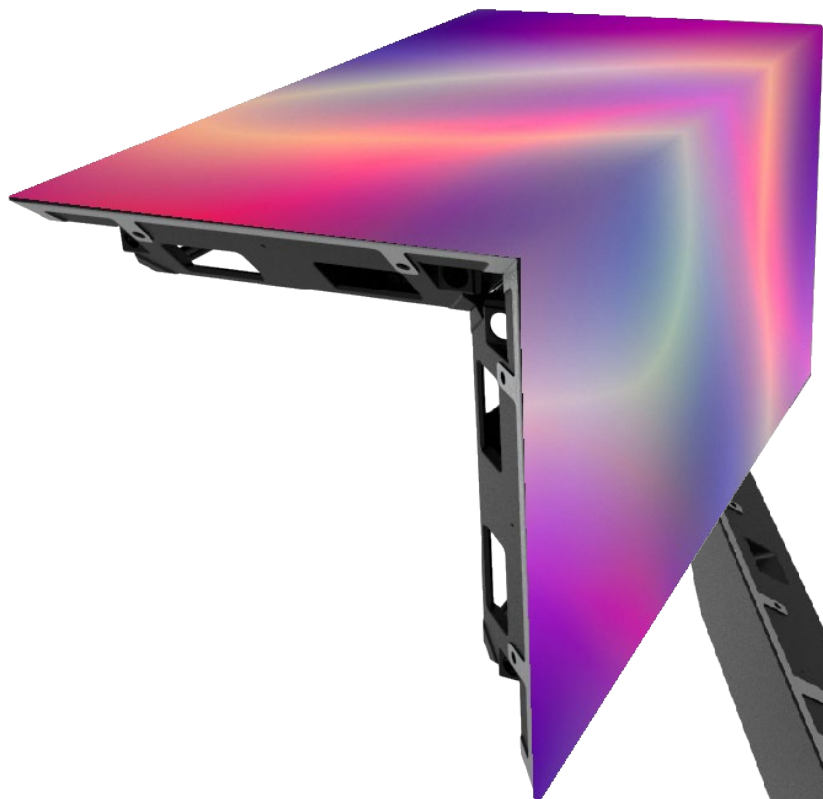
Snap on Mask

Easy to remove and replace masks without struggling with messy glues or adhesives.



Smart Module

With smart module, users can digitally access order info, color calibration, temperatures, working time and other parameters for better diagnostics and traceability.



90° Corners

90° horizontal or vertical corners can be created. Three or more panels can be assembled to achieve a 3D-corner.



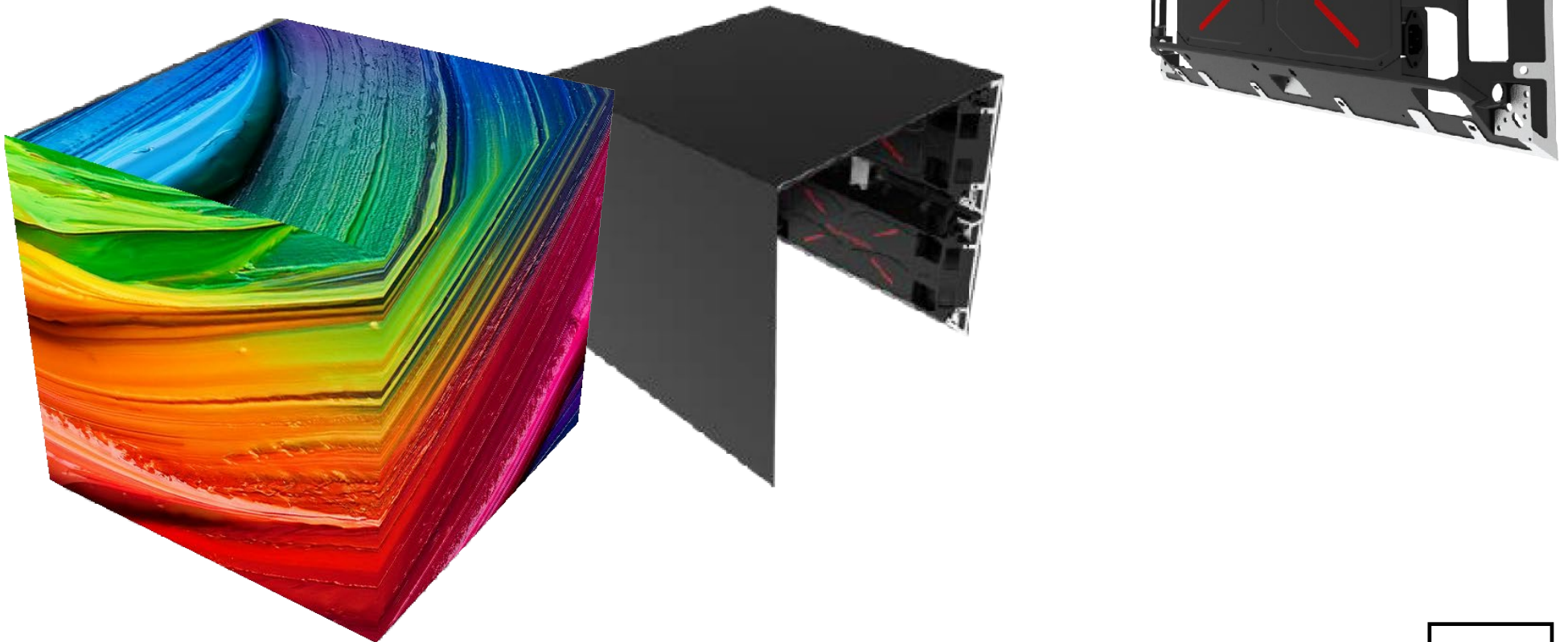
Precision-Slim and Lightweight

Each panel is just over 2" thick (54 mm) and about 18.5 lbs (8.4 kg).



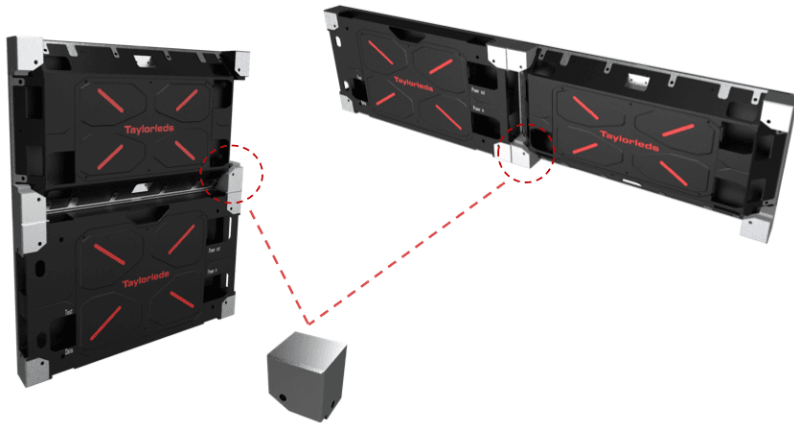
Sizes

The minimum size cube is 576 mm (1.89'). Cubes in multiples of this size are also available. A variety of 3D rectangular shapes can be achieved.



Compatible with WB Panels

Aluminum blocks can be fixed to each corner. This allows for a transition to standard WB panels when curves lead into flat sections of displays.

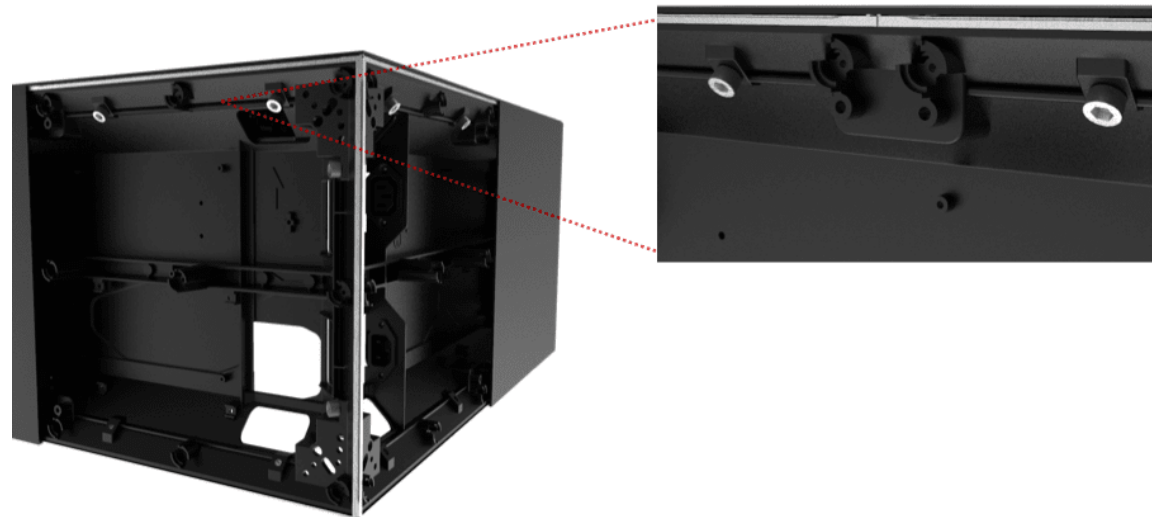


Minimized Gap

Our slim module design without housing allows for tighter gap control. The space is limited to a single PCB's thickness of 2.8 mm (less than 1/8").

Easy Assembly

Easy to access hexagon screws for fast panel-to-panel connections.



Specifications

ATS-PRO WB Cube Series Modular LED panel shown. Additional frame sizes available.

Specifications	WB CUBE 1	WB CUBE 2	WB CUBE 3	WB CUBE 4
LED Type	Black SMD1415	Black SMD1415	Black SMD2121	Black SMD2121
Pixel Pitch (mm)	1.89	2.4	3.2	4
Panel Dimensions (W*H*D)/(mm)	576 x 288 z 54	576 x 288 z 54	576 x 288 z 54	576 x 288 x 54
Panel Weight (kg)	4.5	4.5	4.5	4.5
Panel Material	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum
Module Dimensions (W*H)/(mm)	288 x 288	288 x 288	288 x 288	240 x 270
Brightness (nit)	800	800	800	800
Refresh Rate (Hz)	3600	3240	3840	3840
Grayscale (bit)	16	14	14	14
Contrast Ratio	5000:1	7000:1	4500:1	4500:1
Color Temperature (K)	6500	6500	6500	6500
Viewing Angle (H/V) (°)	140/120	140/120	150/120	150/120
AC Operating Voltage (V)	100~240	100~240	100~240	100~240
Power Consumption (Max./Avg.) (W/m²)	400/150	400/150	400/150	400/150
Storage Temperature (°C)	-40~ + 60	-40~ + 60	-40~ + 60	-40~ + 60
Operating Temperature (°C)	-10~ + 40	-10~ + 40	-10~ + 40	-10~ + 40
IP Rating (Front/Rear)	IP40/IP21	IP40/IP21	IP40/IP21	IP40/IP21
LED Lifetime (H)	100000	100000	100000	100000
Module Maintenance	Front or Rear	Front or Rear	Front or Rear	Front or Rear
PSU & Others Maintenance	Front or Rear	Front or Rear	Front or Rear	Front or Rear
Panel Installation Type	Wall	Wall	Wall	Wall
Certification	UL/CE/FCC	UL/CE/FCC	UL/CE/FCC	UL/CE/FCC

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





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