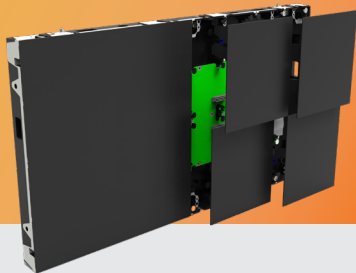# Firefly LED

A Pro Series

INDOOR LED

The A Pro Series is our premier indoor LED product line. It features the latest in LED manufacturing advancements, and this combined with the highest quality components available allows us to offer you one the most state of the art LED video products.

FEATURES

Energy Efficient	Ultra Light	AUTO Smart Module
Fast Assembly	Front Access	GRAY High Gray Scale
IP65	Armor Coating	Flexible in Shape

Call Us: (877) 347-3533
Email Us: sales@fireflyled.com
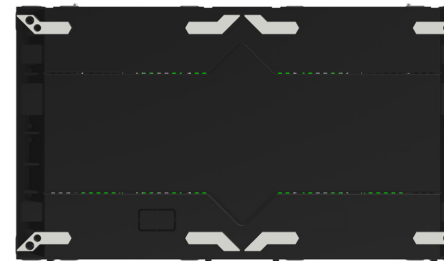www.fireflyled.com

Flip Chip Micro LED

Flip Chip Technology is the latest improvement in how LEDs are manufactured. Traditional LEDs utilize wires to bond the LED to the chip, whereas Flip Chip utilizes a wireless bonding process. This eliminates broken wires, which is one of the biggest fail points with SMD LED Technology. It allows for a more compact packaging process, which gives us the physical room to focus on heat dissipation, creating a brighter and more efficient LED. It also provides a much more reliable and stable product overall, making it the best option in the market today.

Patented Matte Black Armor Coating

Our latest advancement in armor coating not only offers the extreme protection that you are used to from Firefly LED, but also features our patented matte black finish. This greatly reduces glare and provides the deepest blacks of any LED product line on the market. Every detail of your content is rendered with breathtaking depth and contrast.

Energy Efficient

Like many of our product lines, our A Pro Series features Common Cathode Technology allowing us to deliver power in a much more efficient and precise manner. Each color with the LED diode requires varying levels of power, and with this breakthrough in power delivery we can manage each of them individually. This not only gives you a very efficient product, but also one of the coolest running products on the market with minimum heat due to wasted energy.

Architecture

Seamlessly integrating the Receiving Card with our Hub Board, and power supply system, we have achieved an unprecedented level of performance and serviceability. Our entire A Pro Series line utilizes the same components and module size offering expandability and the ability to easily upgrade your resolution in the future. It's front accessible design makes servicing the A Pro Series as easy as it gets.

In-House LED Manufacturing & Calibration

With an in-house MicroLED manufacturing process that boasts enhanced individual LED color matching as well as individual module calibration, the color accuracy of the A Pro Series MicroLED has never been so precise. The result is a stunning gain in color clarity that unlocks unparalleled versatility, empowering you to expand your content horizons like never before.

Specification				
Pixel Pitch	0.9 mm	1.2 mm	1.5 mm	1.8 mm
Panel Dimension (W×H×D)	1.97 x 1.11 x 0.14 ft / 600 x 337 x 42 mm			
Panel Resolution (W×H)	640×360 px	480×270 px	384×216 px	320×180 px
Pixel Density	1,136,356 /m²	640,000 /m²	409,600 /m²	284,444 /m²
Panel Weight	11.46 lbs			
Avg. Power Consumption	27 watts	25 watts	24 watts	23 watts
Max Power Consumption	81 watts	73 watts	71 watts	69 watts
Brightness	600-1000 nits			
Refresh Rate	≤ 3840Hz			
Scan Mode	1/36	1/27	1/27	1/30
Gray Scale	16 Bit			
Contrast Ratio	10,000:1			
Access	Front			
Ingress Protection	IP65			
Working Temperature	-4°F~104°F			
Storage Temperature	-40°F~176°F			
Power Supply	100V~240V			