

The world's
first linear
black LED
cabinet.

FRAMELED
PULSE

The next generation
video strip, reimagined
for new visual
experiences.



FRAMELED™

FRAMELED **PULSE** setting a new standard.



Redefining the concept of LED pixel strips with a true video driven interface, best in class specifications and endless installation options, FRAMELED Pulse seamlessly integrates in your creative setups.

NovaStar integrated

Each strip is a fully independent cabinet, featuring an individual NovaStar receiving card. Combined with seamless compatibility with the new NovaStar COEX platform, FRAMELED Pulse is truly VMP ready. Ensuring easy drag and drop mapping and supporting per cabinet identification, rotation & adjustment by default.

More pixels, more impact

With 4x128 or 4x64 pixels per strip, FRAMELED Pulse delivers crisp, high-density visuals while keeping your system lean. Built on the NovaStar protocol, full advantage of modern control hardware is taken. Driving more pixels with less hardware for more creative freedom.

Evoke emotions

FRAMELED Pulse offers designers a high-resolution platform for building visual stories. It integrates easily into both scenic and lighting concepts, adding rhythm, structure, and atmosphere with or without dominating the space. Whether used sparingly or at scale, it brings a sense of depth and intention to any setup.

Touring & rental ready

With a rugged yet lightweight design and IP65 rating, FRAMELED Pulse delivers the reliability and durability needed for demanding touring and rental environments. Easy to handle and quick to rig, it keeps your setup efficient without sacrificing performance.

Fully black, visually clean

FRAMELED Pulse is designed to disappear into its environment, until it's powered on. From the black surface, consisting of black LEDs, to housing and accessories, every component is finished in black. Minimizing reflection and maximizing visual focus, indoors or outdoors while still boasting 7500+ nits.

Tune to perform

Switch between two brightness modes for optimal output and contrast. Need to battle the sun? Use the full brightness setting. Indoor studio environment? Use the 3000 nits mode for more granular control. Switch to find the balance between output and visual impact.

Demanding environments

FRAMELED Pulse is built for the pressure of the real-world. Fast-paced festival setups, a tough touring schedule, or the precision of studio and corporate shows. Its IP65-rated design stands up to rain, dust and transport, while the all-black finish blends seamlessly into controlled lighting setups on stage or in-camera.

Vectorworks & Capture

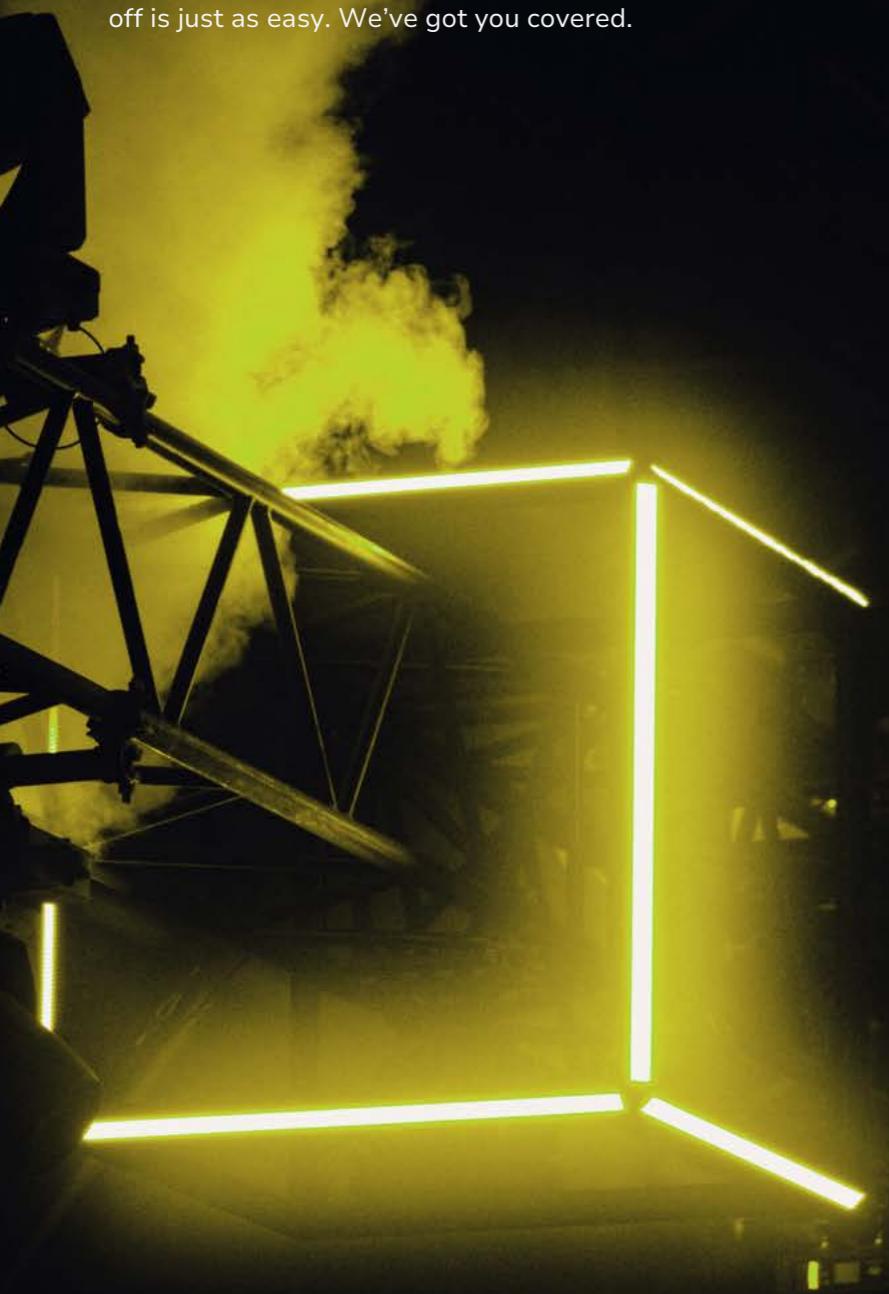
Enhance your designs with the PULSE video strip and accessories, now available in Vectorworks. Perfect for creating dynamic lighting plans and immersive visualizations. Integrate seamlessly into your workflow and bring your stage, event or architectural concepts to life with precision and creativity.

Tool-free by design

FRAMELED Pulse features integrated side-profile mounting holes that work seamlessly with a variety of tool-free accessories. Couplers lock securely into place, while sliders slide effortlessly into the profile, both without screws or extra hardware. This dual system makes setup about 4 times faster and more flexible for on-site crews without compromising on results and safety.

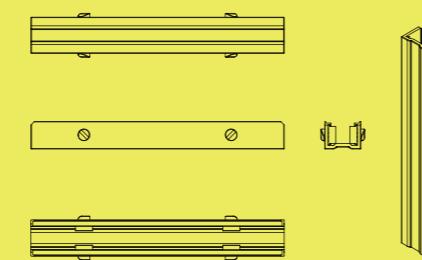
Snap-on covers

A range of covers lets you fine-tune both the appearance and diffusion of each FRAMELED Pulse. Choose from rounded or square shaped covers, in either white frosted or smokey black finishes. Every cover easily clicks on and taking it off is just as easy. We've got you covered.

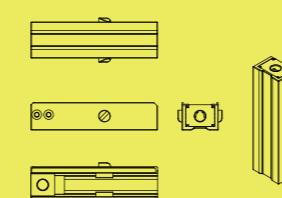


BASICS

FPQ SC



FPQ EC



FPQ SL10

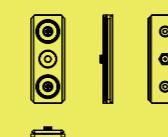


WALL MOUNT

FPQ WALL



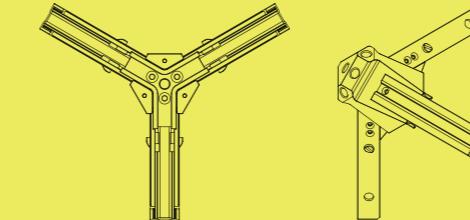
FPQ MGW



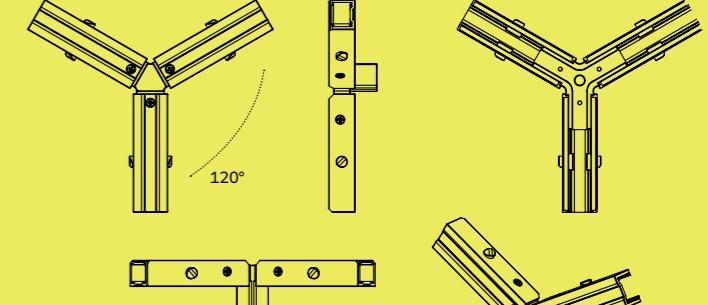
tool-free
click
connections

SPECIALS

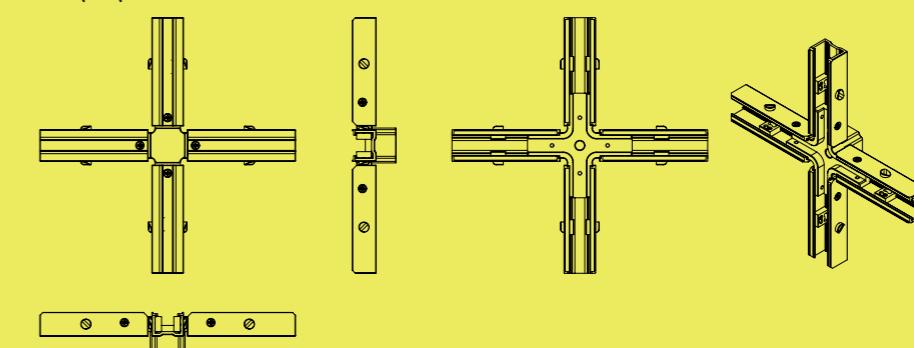
FPQ CUBE



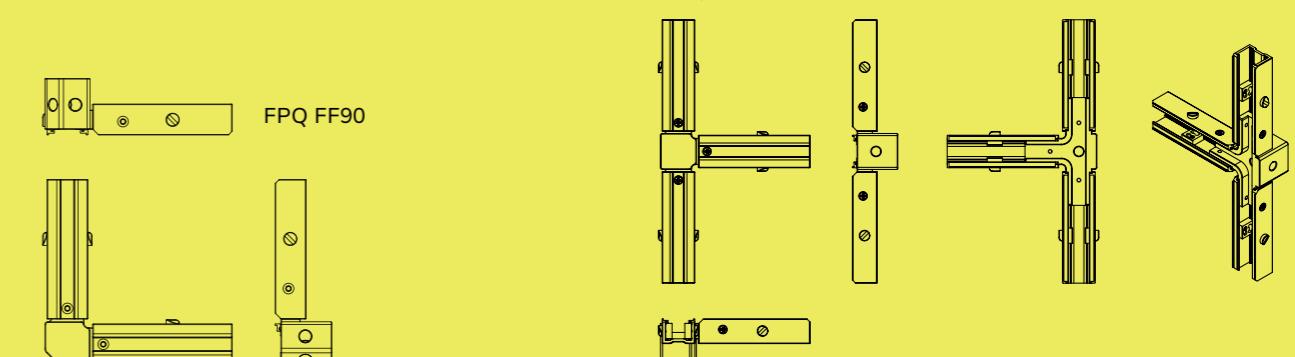
FPQ 120



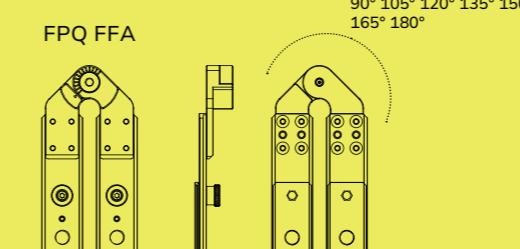
FPQ SQ



FPQ T90

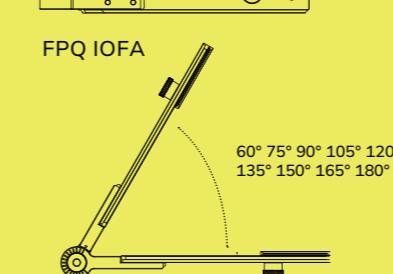


FPQ FFA

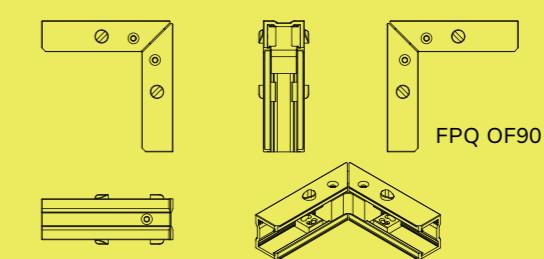


0° 15° 30° 45° 60° 75°
90° 105° 120° 135° 150°
165° 180°

FPQ IOFA



60° 75° 90° 105° 120°
135° 150° 165° 180°



FPQ OF90

All threaded holes are M10

Datasheet

FRAMELED PULSE

Receiver card	Novastar MX custom, VMP compatible
LED Pitch	7.8 pitch
LED-type	Blackled Nationstar 2727 goldwire SMD
Driving IC	ICND2153S
Scanrate / Scanlines	1/2
Refresh rate	5100Hz
Brightness	7500 nits
IP Rating	IP65
Certificates	CE LVD EMC

Exceptional
visual
performance.

Q50

Cabinet Size	L 50cm x W 3,6cm x D 5,3cm
Cabinet resolution	4x64
Weight	0,75 Kg
Max power W/unit	20W

Q100

Cabinet Size	L 100cm x W 3,6cm x D 5,3cm
Cabinet resolution	4x128
Weight	1,45 Kg
Max power W/unit	40W

POWER SUPPLY

Type	750W 48V Meanwell
IP rating	IP65
Dimension	L 44cm x W 20cm x D 6,5cm
Weight	4,6 Kg

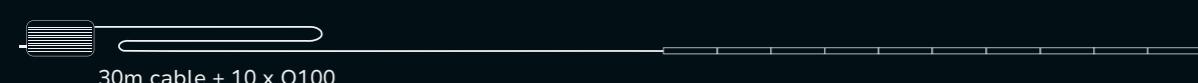
MAX POWER CASCADE CONNECTION

max 16m Pulse - total length with cable max 40m

examples:



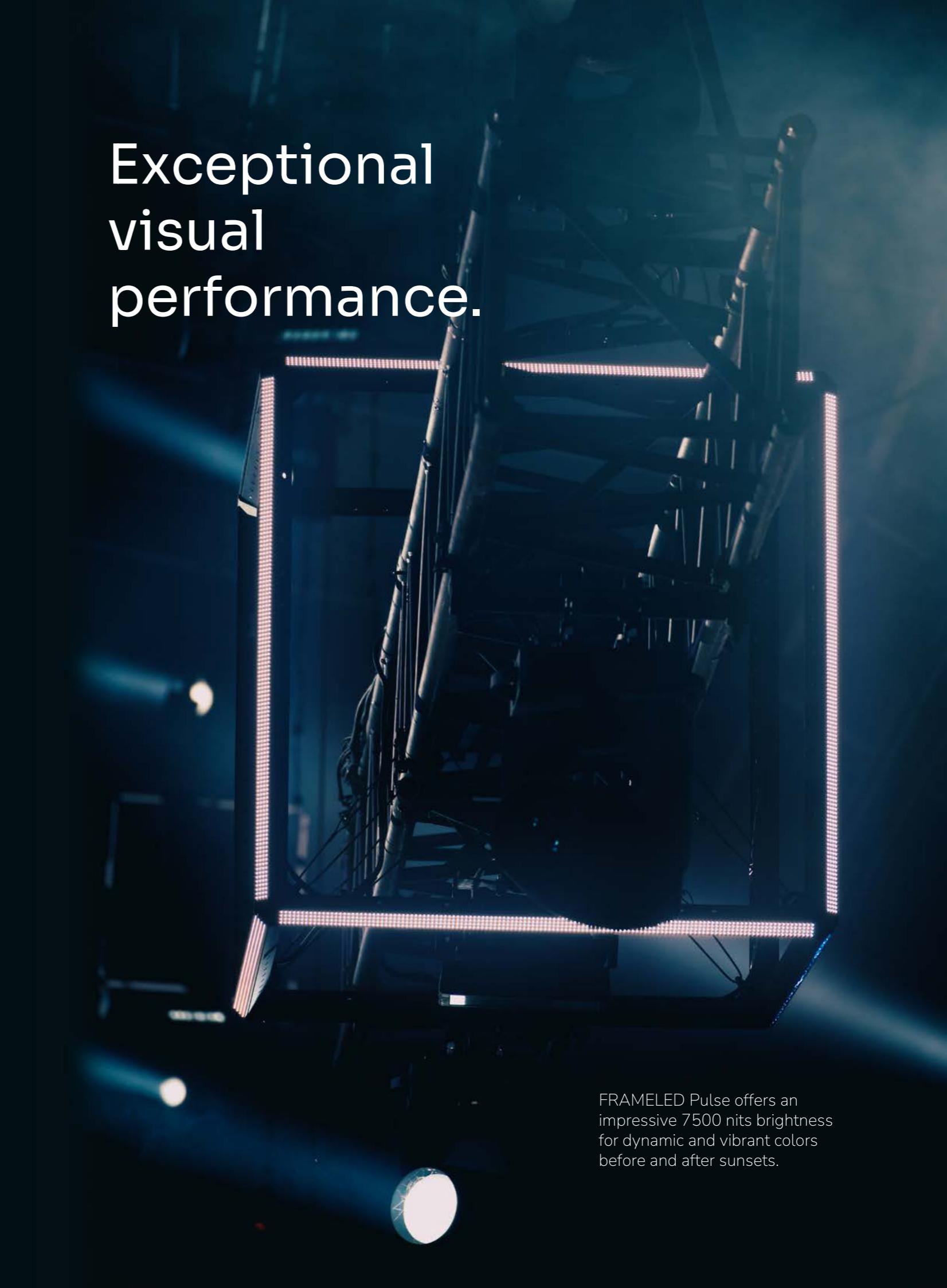
24m cable + 16 x Q100



30m cable + 10 x Q100



5 x 5m cable + 15 x Q100



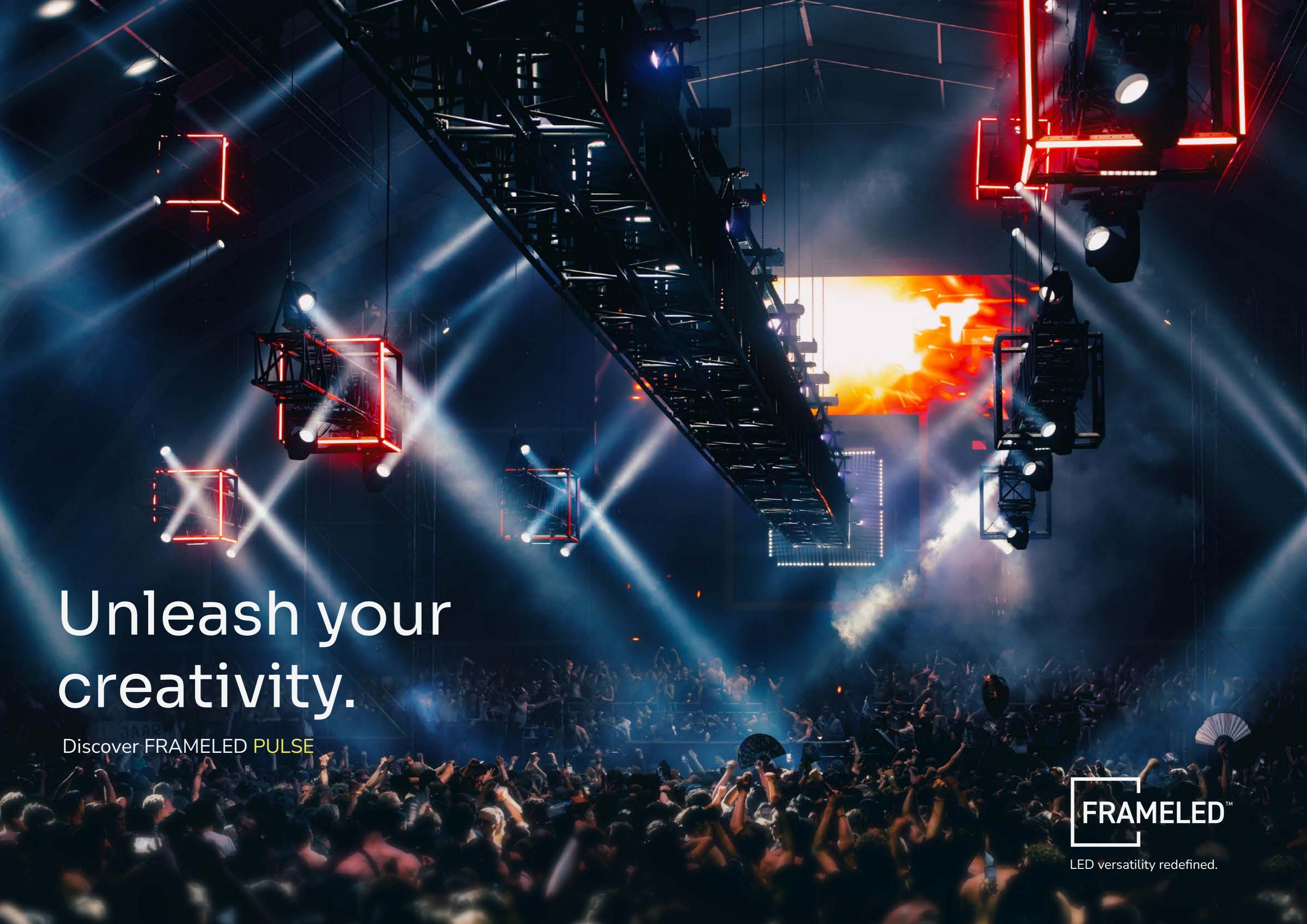
FRAMELED Pulse offers an impressive 7500 nits brightness for dynamic and vibrant colors before and after sunsets.

Tour and rental-friendly.

Thanks to its rugged yet lightweight design and IP65 rating, FRAMELED Pulse offers the perfect balance of reliability and durability, making it the ideal solution for demanding, fast-paced environments.

Invisible until impact.

FRAMELED Pulse is the first fully black LED video strip on the market with high-brightness output. From the LED surface to the housing, cabling, and accessories, every detail is finished in black. Until video is powered on, Pulse completely disappears into any stage or setup, without reflections from stage lights or sunlight in outdoor environments.



Unleash your
creativity.

Discover FRAMELED PULSE

FRAMELED™

LED versatility redefined.

best of
show 2025
—•• AT ISE 2025 ••—

AVTECHNOLOGY

WINNER

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