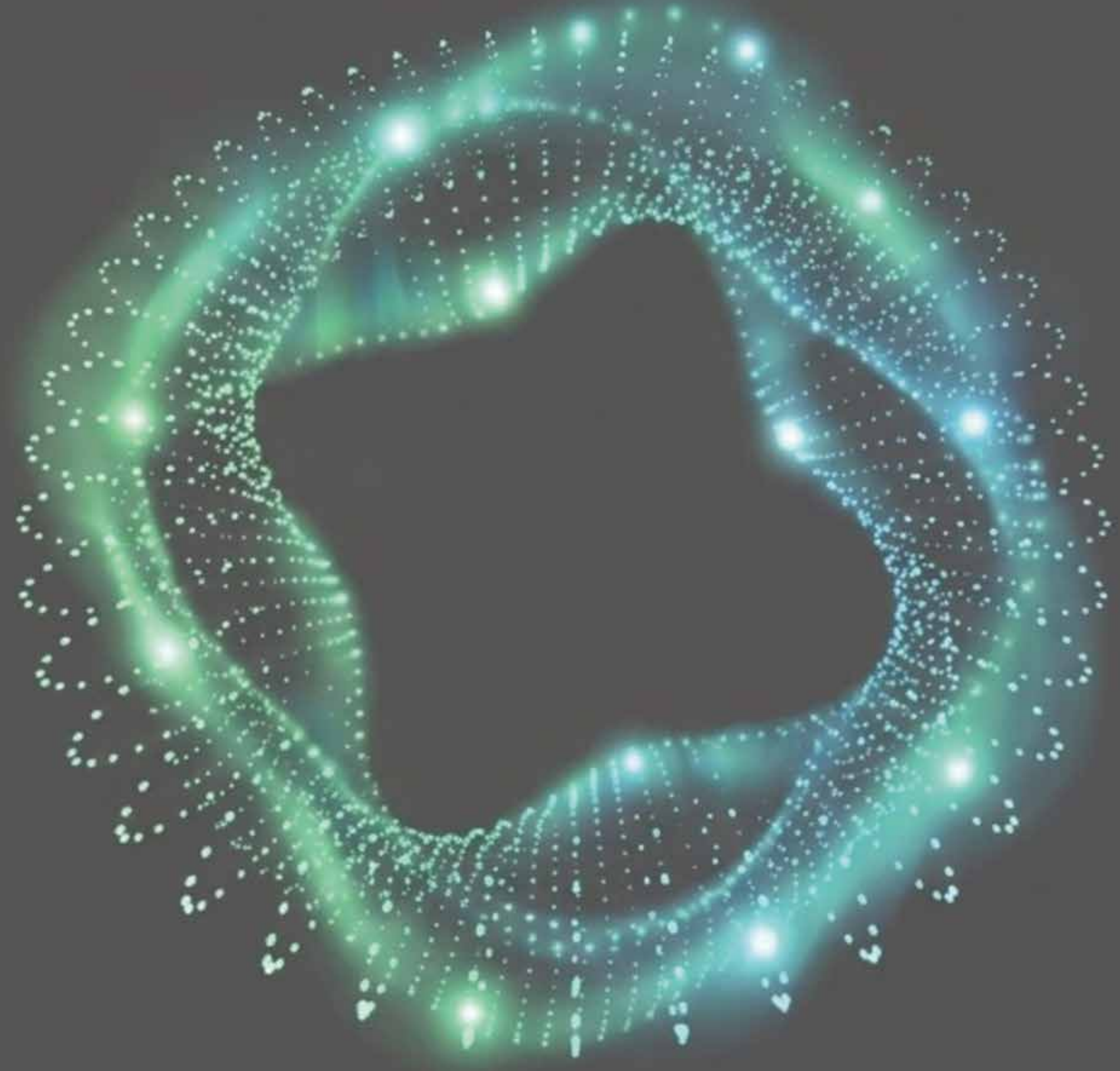
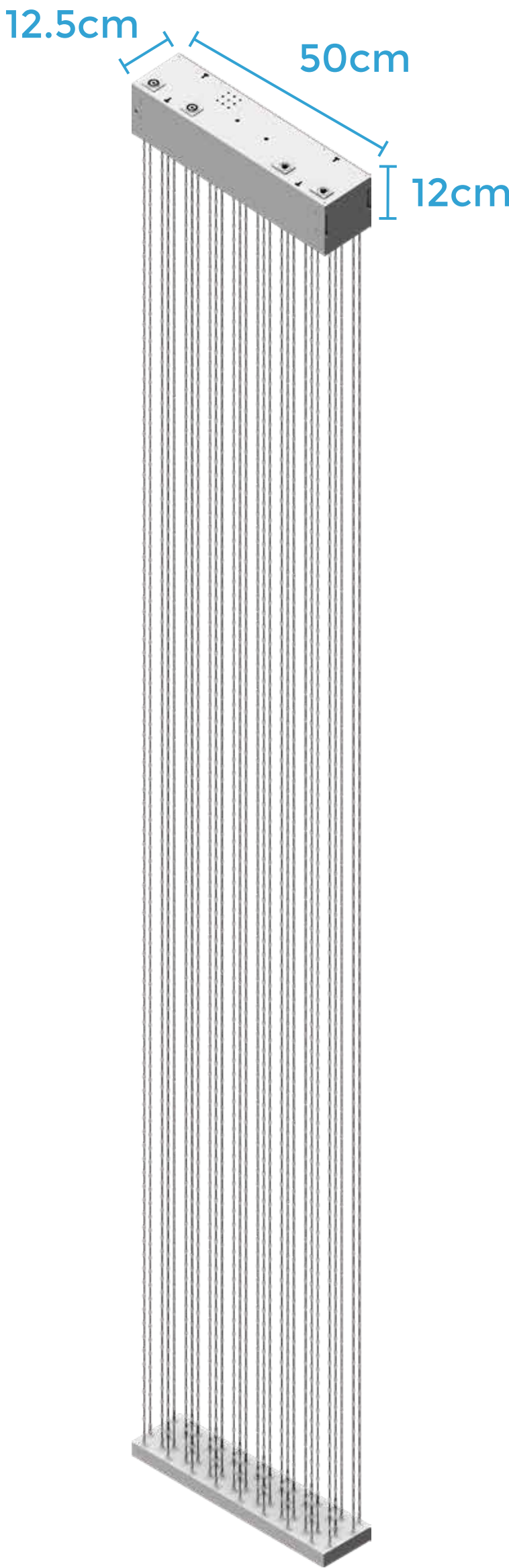


Aurora 808 Specification

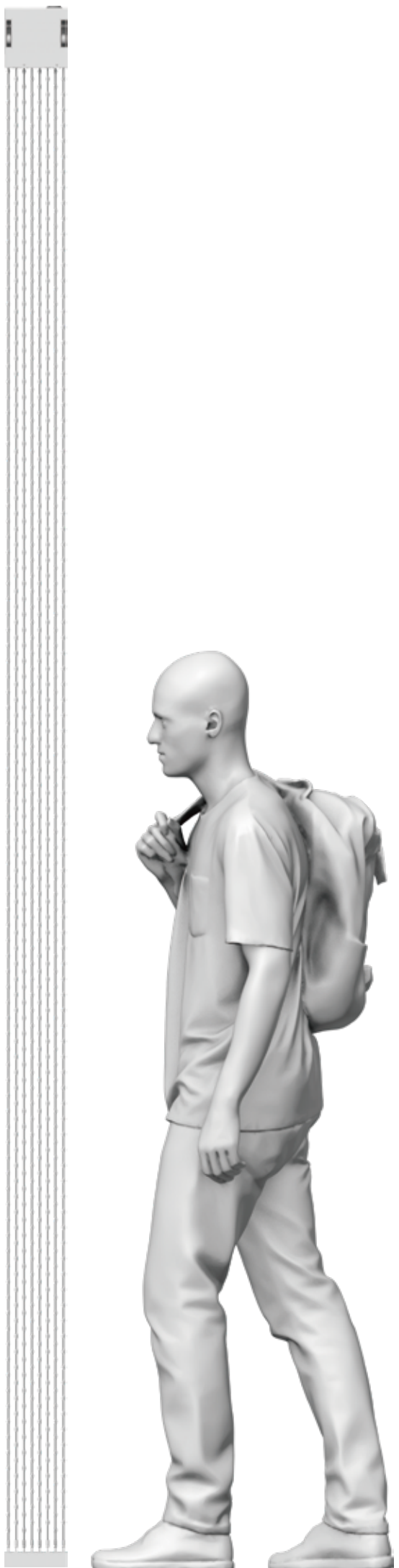
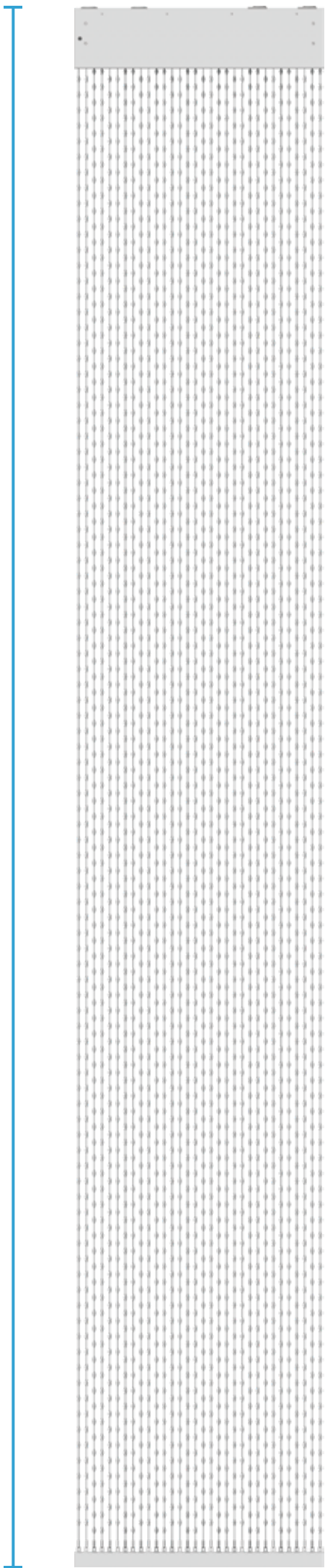


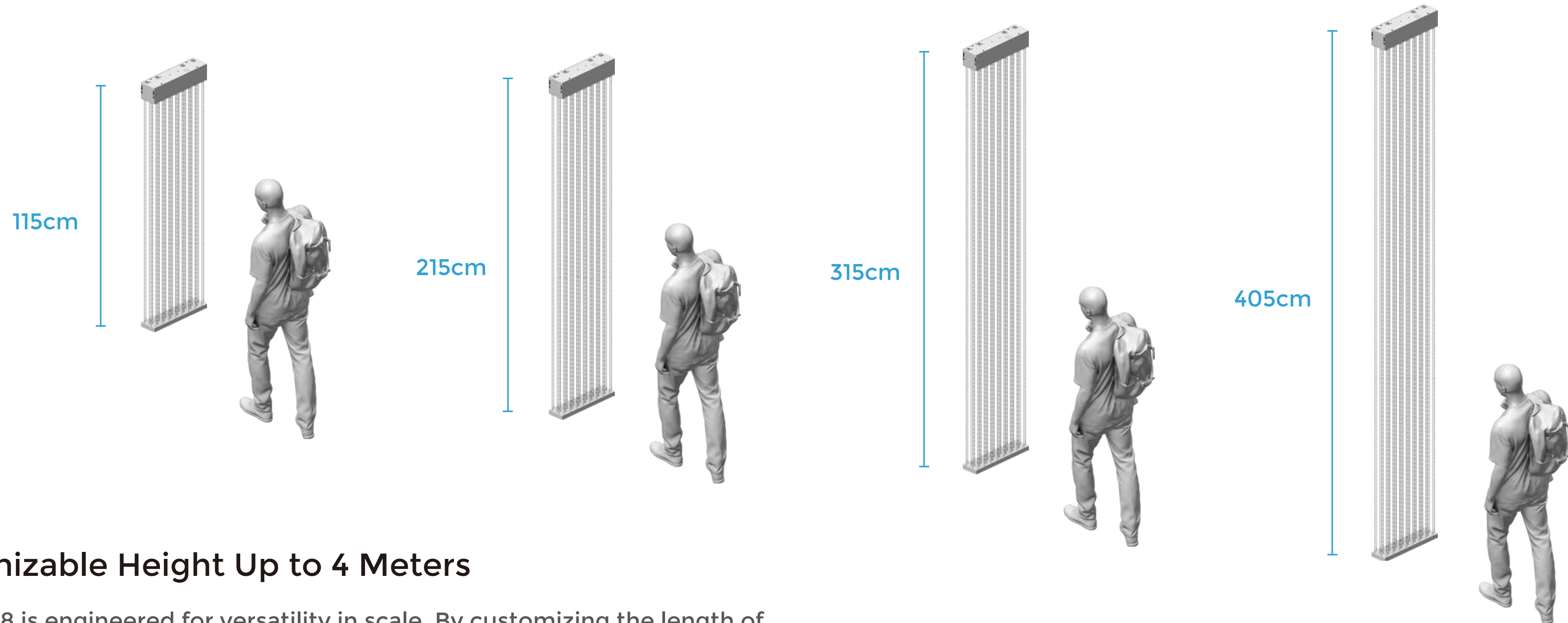
Aurora 808 Standard Module Specifications

- Module Size: 50cm x 12.5cm x 315cm
 - Strings Height: 3m (Can be customized)
 - Strings: 64 Strings
 - Voxels: 6,144 LED Neurons
 - Weight: 6.8 KG
 - System: ORGANIC (Voxel distribution 1.56cm pitch)
- Power consumption per module
- Standby (No content): 50W
 - Average (Standard content): 100W
 - Peak (Full white): 150W



315cm



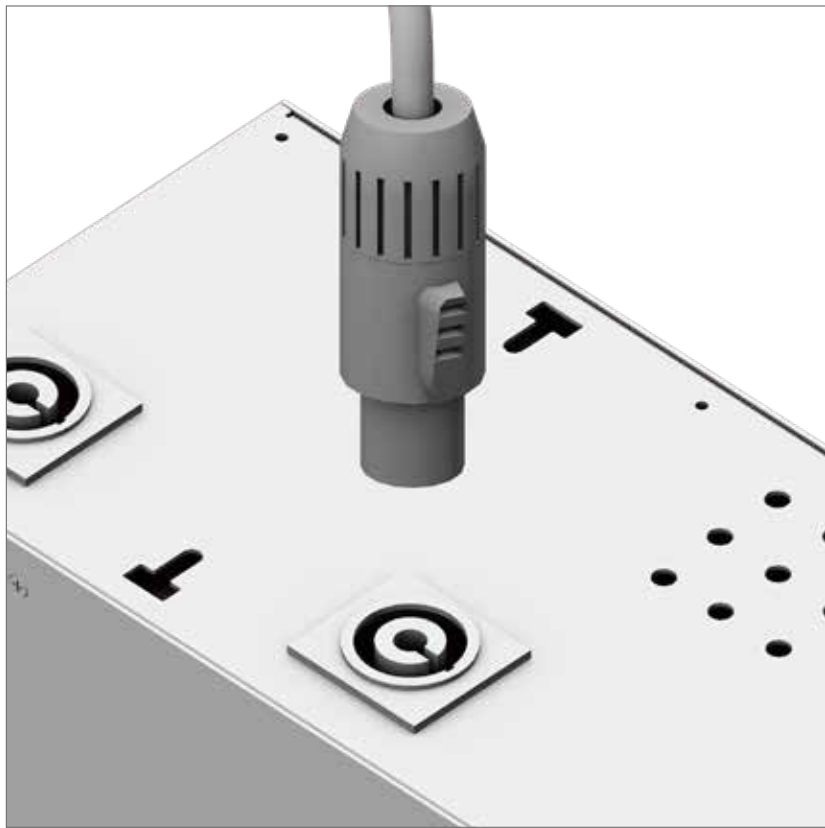


Customizable Height Up to 4 Meters

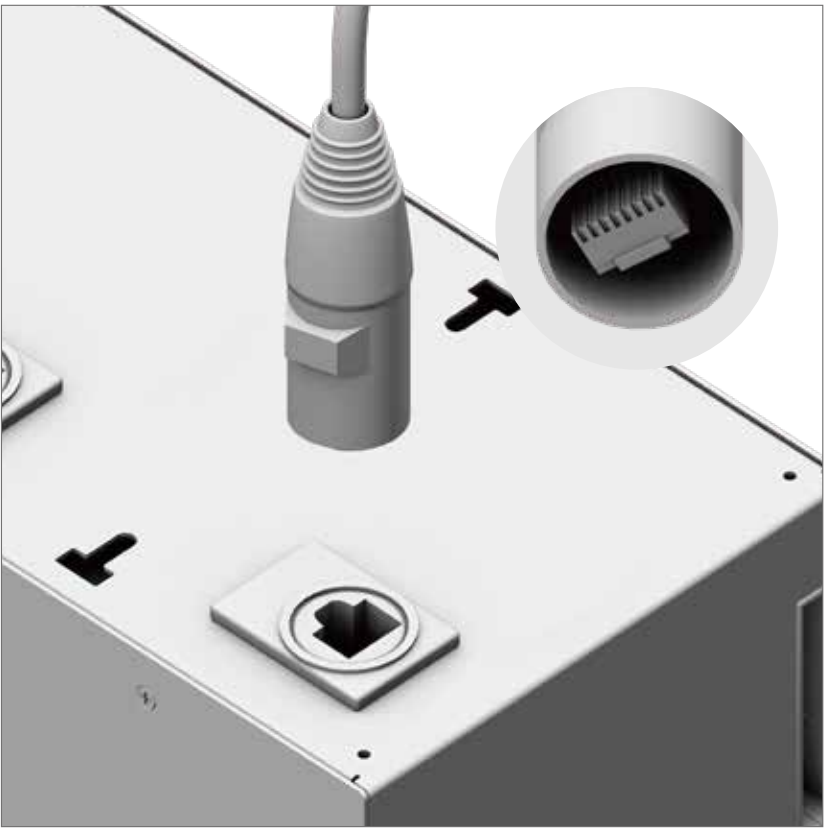
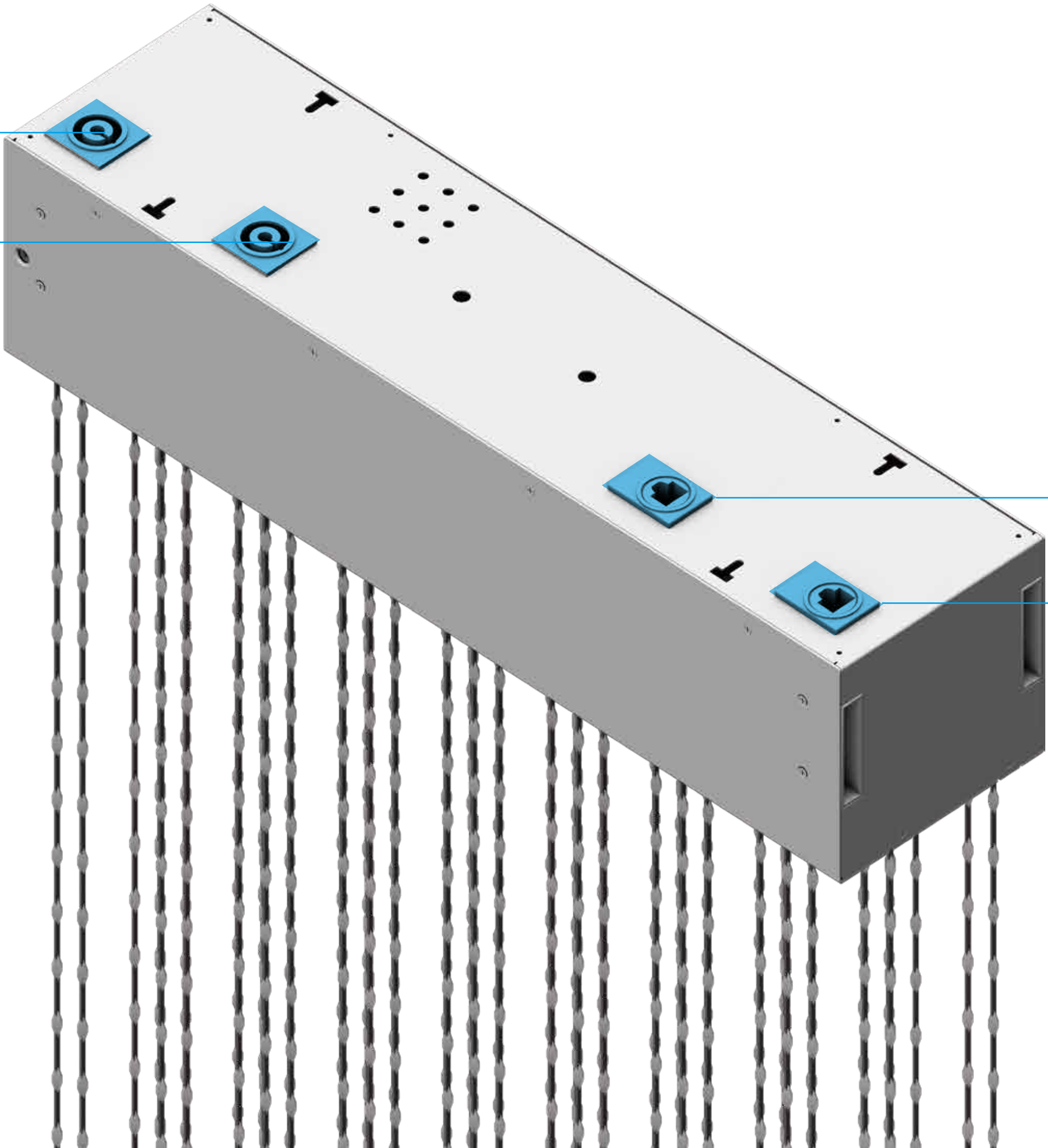
Aurora 808 is engineered for versatility in scale. By customizing the length of the LED light strings, the height of each modular unit can be tailored to fit your space and creative vision – whether for grand commercial installations or immersive environments. With a maximum height of up to 4 meters, Aurora 808 allows you to design with vertical impact, delivering a stunning visual experience that adapts to both architecture and imagination.

Standard PowerCon IN

Standard PowerCon OUT

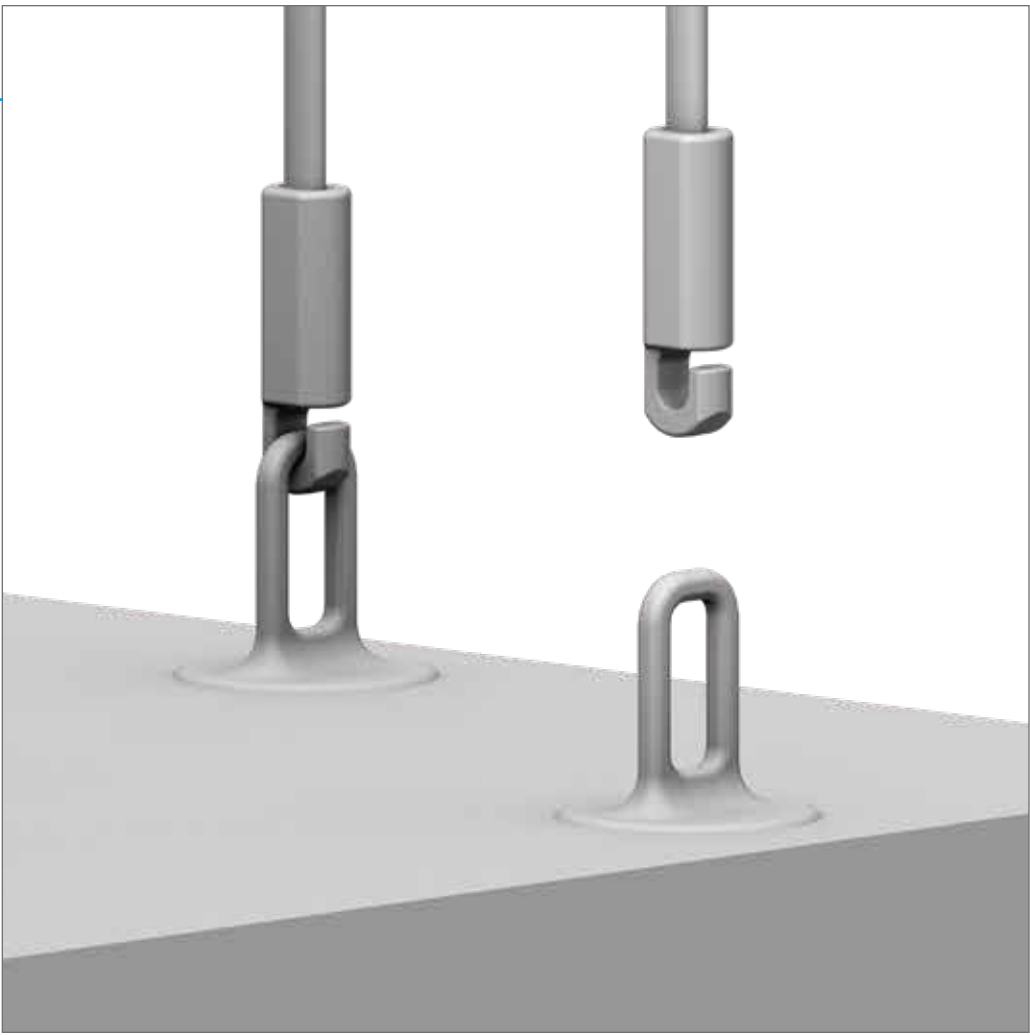
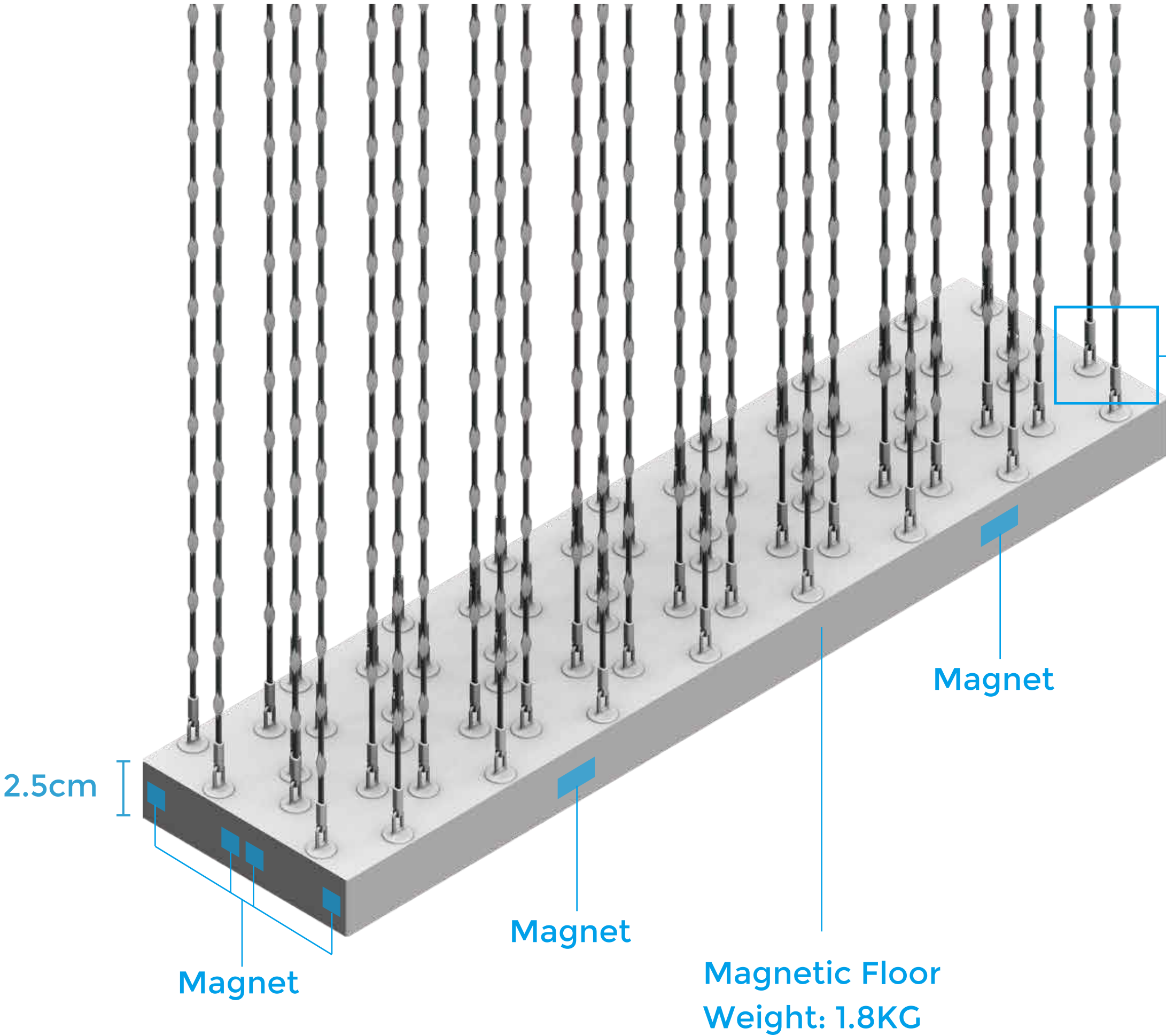


110 VAC (U.S) / 220 V (E.U), 20 A

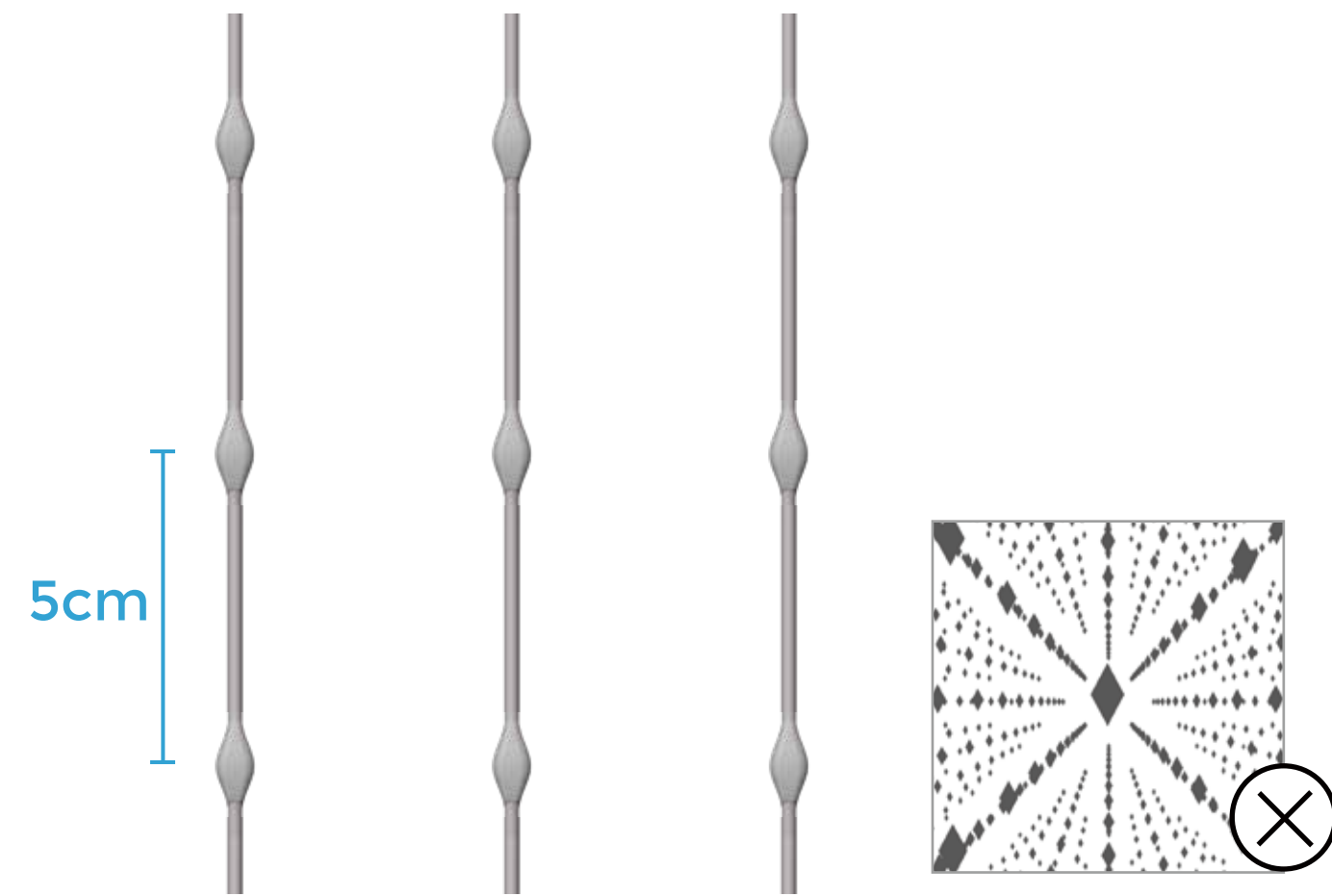


Standard Ethernet Tx (signal)

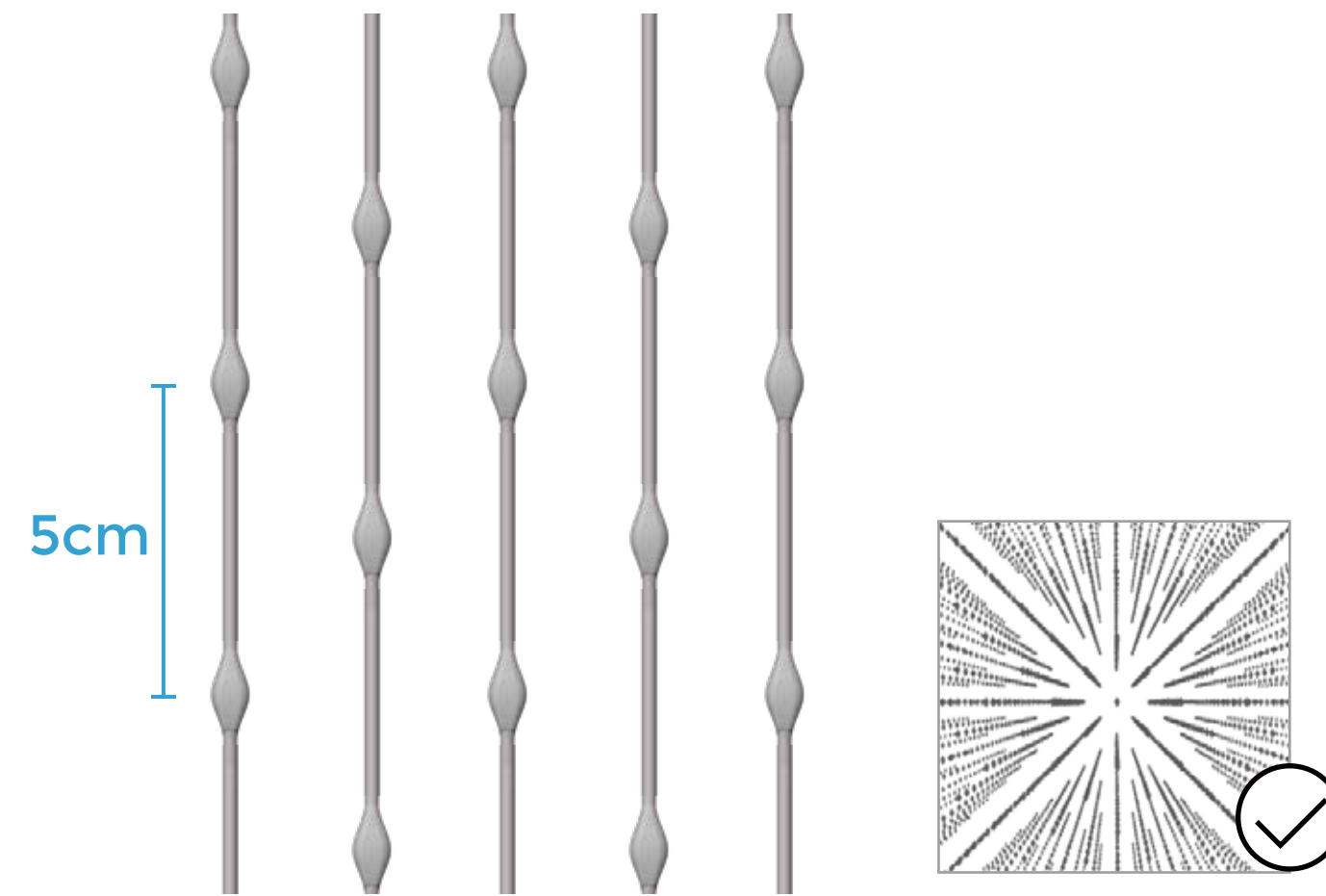
Standard Ethernet Rx (signal)



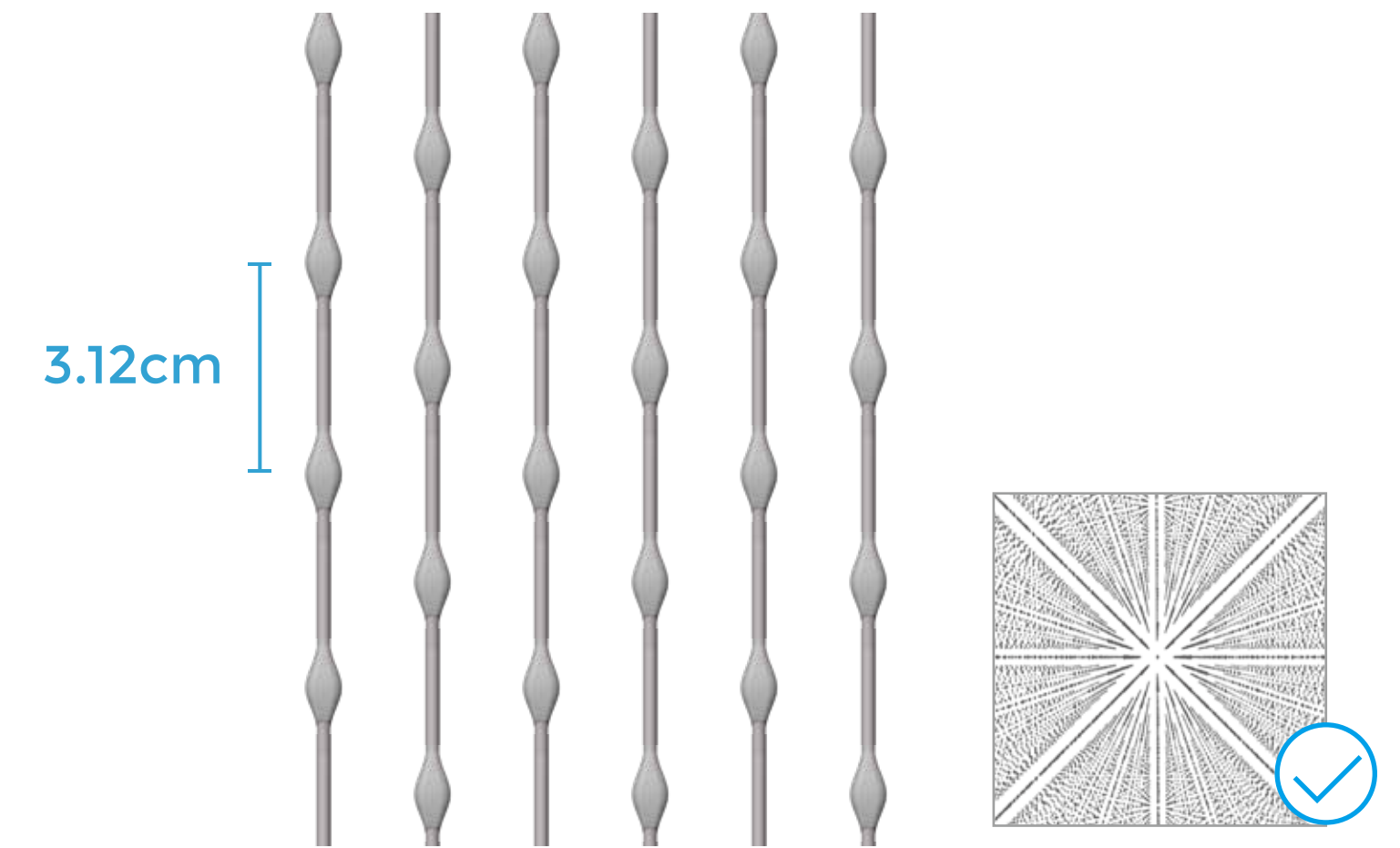
Silicone Shock Absorbers



Traditional Matrix Arrangement



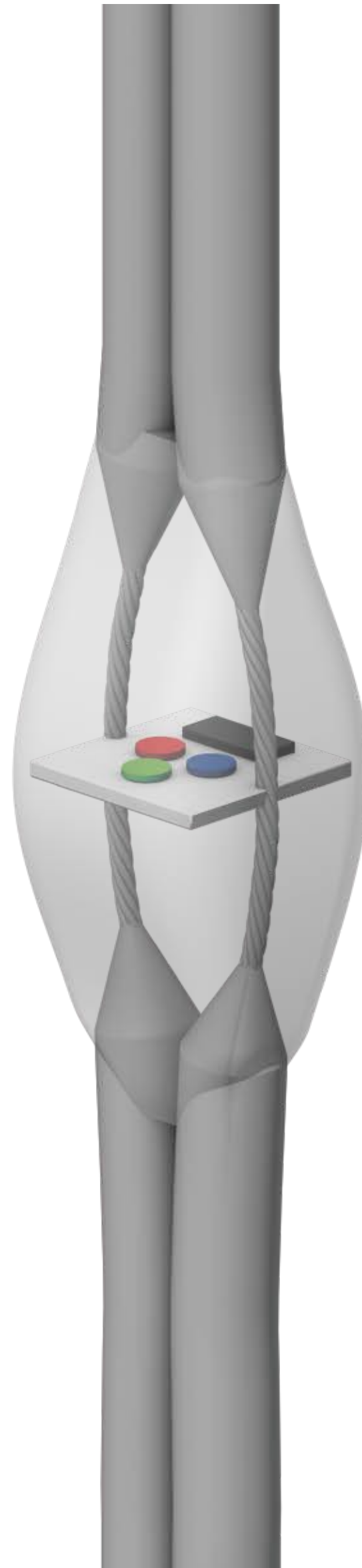
DragonO² ORGANIC Staggered Arrangement



Aurora 808 ORGANIC Staggered Arrangement

ORGANIC (Voxel Distribution with 1.56cm Effective Pitch)

Unlike traditional 5 cm matrix layouts locked to coarse resolution, our unique ORGANIC layout uses a staggered arrangement. By offsetting half of the LED strips, DragonO² simulates a 2.5 cm pitch using standard 5 cm hardware, doubling the visual resolution at no extra cost. Aurora 808 refines this further: with 3.12 cm physical spacing and the same staggered design, it achieves a 1.56 cm effective pitch—about 1.6× higher resolution and 2.6× greater voxel density than DragonO²—delivering smoother gradients, sharper edges, and finer volumetric detail.

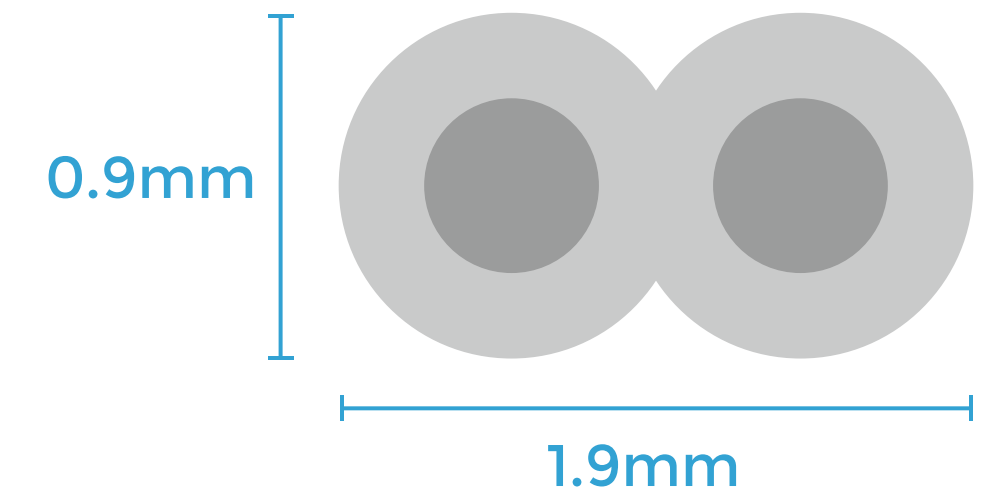


1.9mm



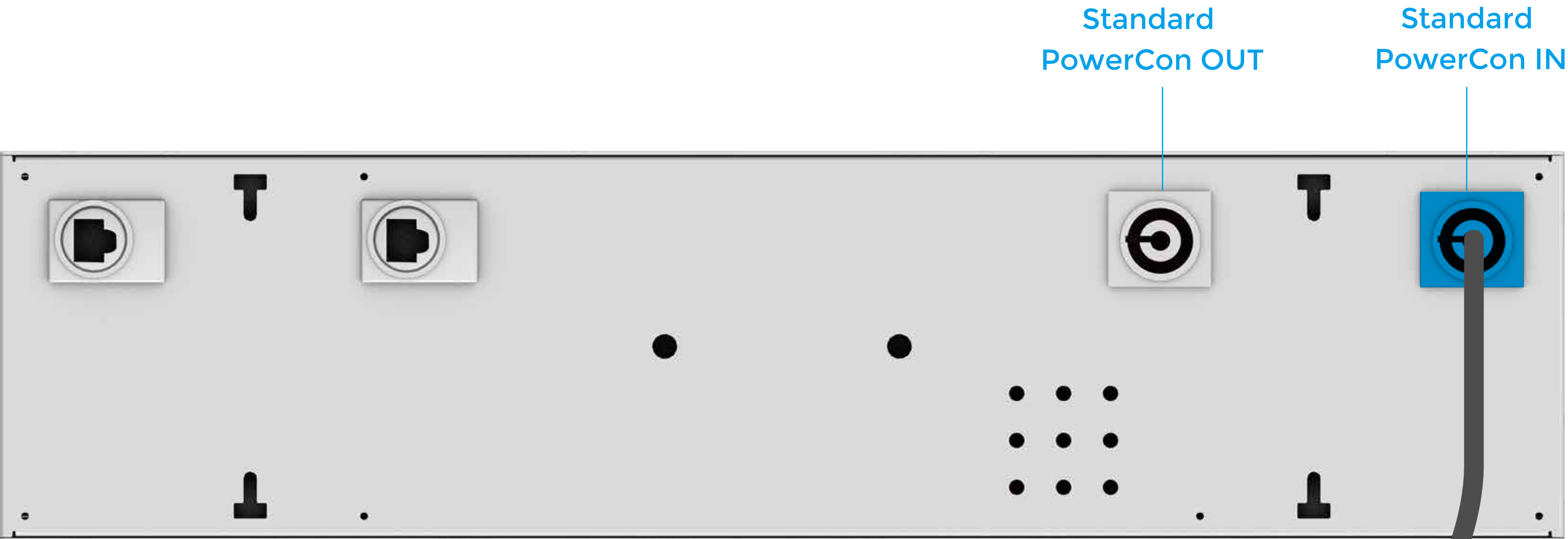
0.9mm

Average Diameter Ø 1.4mm



Ultra-Slim LED Strings for Maximum Transparency

Aurora 808 features the slimmest LED strings in the industry, engineered for ultra-high transparency. These ultra-fine strings greatly minimize visual blockage of the LEDs behind, ensuring a clear, layered, and immersive lighting experience. Whether viewed from the front or at an angle, Aurora 808 delivers vivid visuals with minimal interference – making it the ideal solution for artistic installations, immersive spaces, or any environment where visual clarity and depth truly matter.



Standard
PowerCon OUT

Standard
PowerCon IN

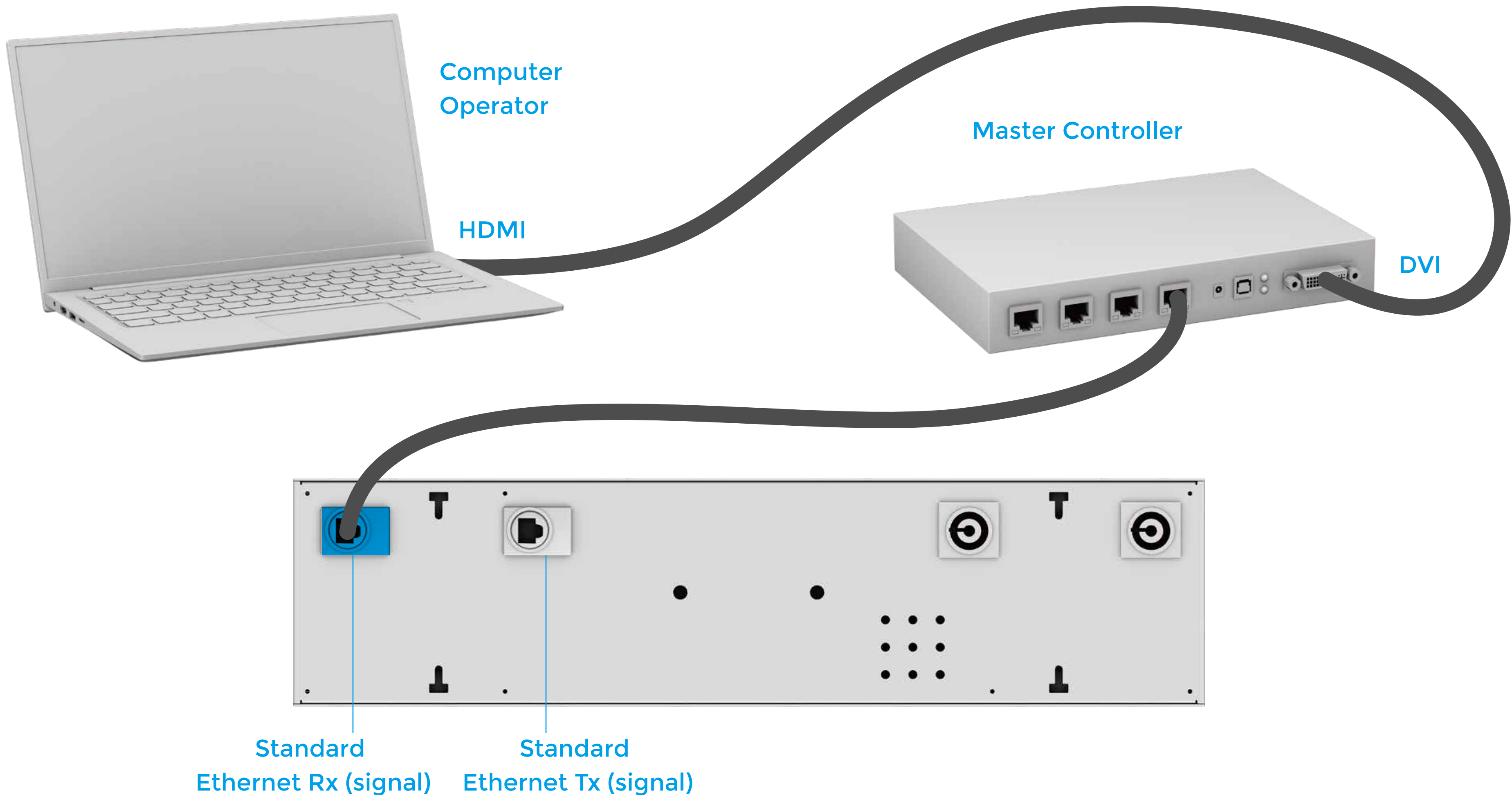
POWER LINE

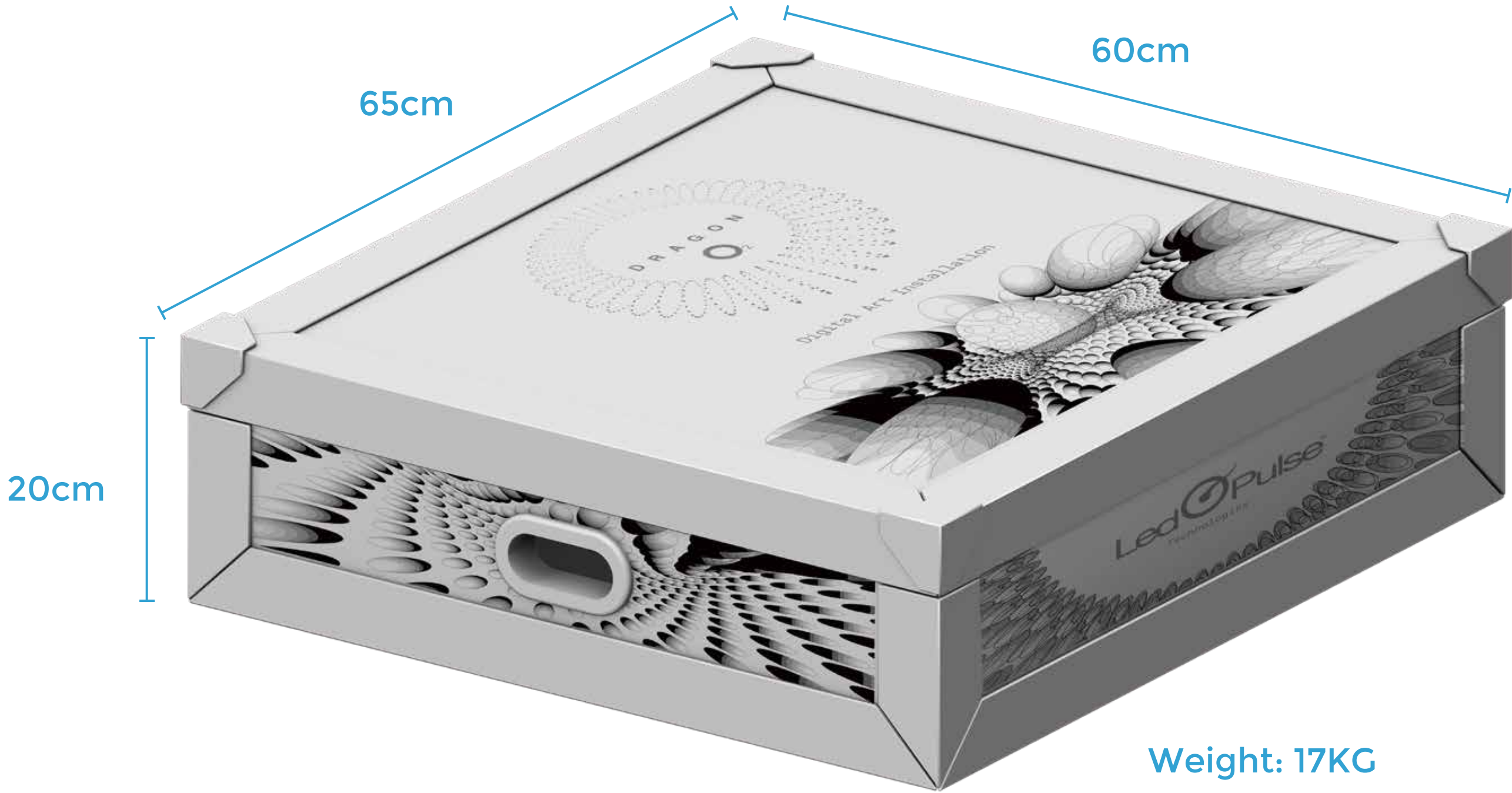
110 VAC (U.S) / 220 V (E.U)

Standby (No content): 50W

Average (Standard content): 100W

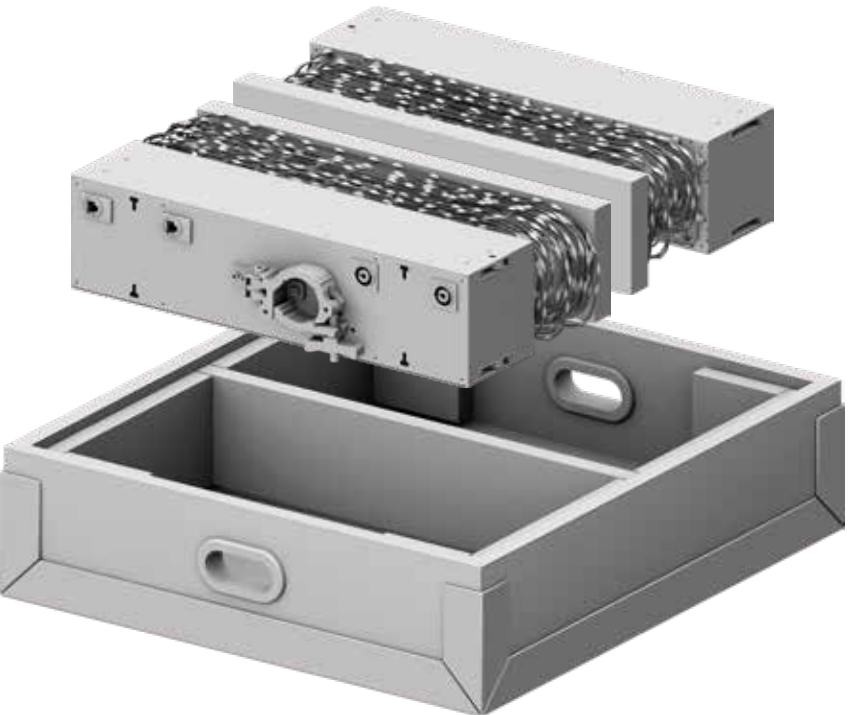
Peak (Full white): 150W





Packaging Specifications

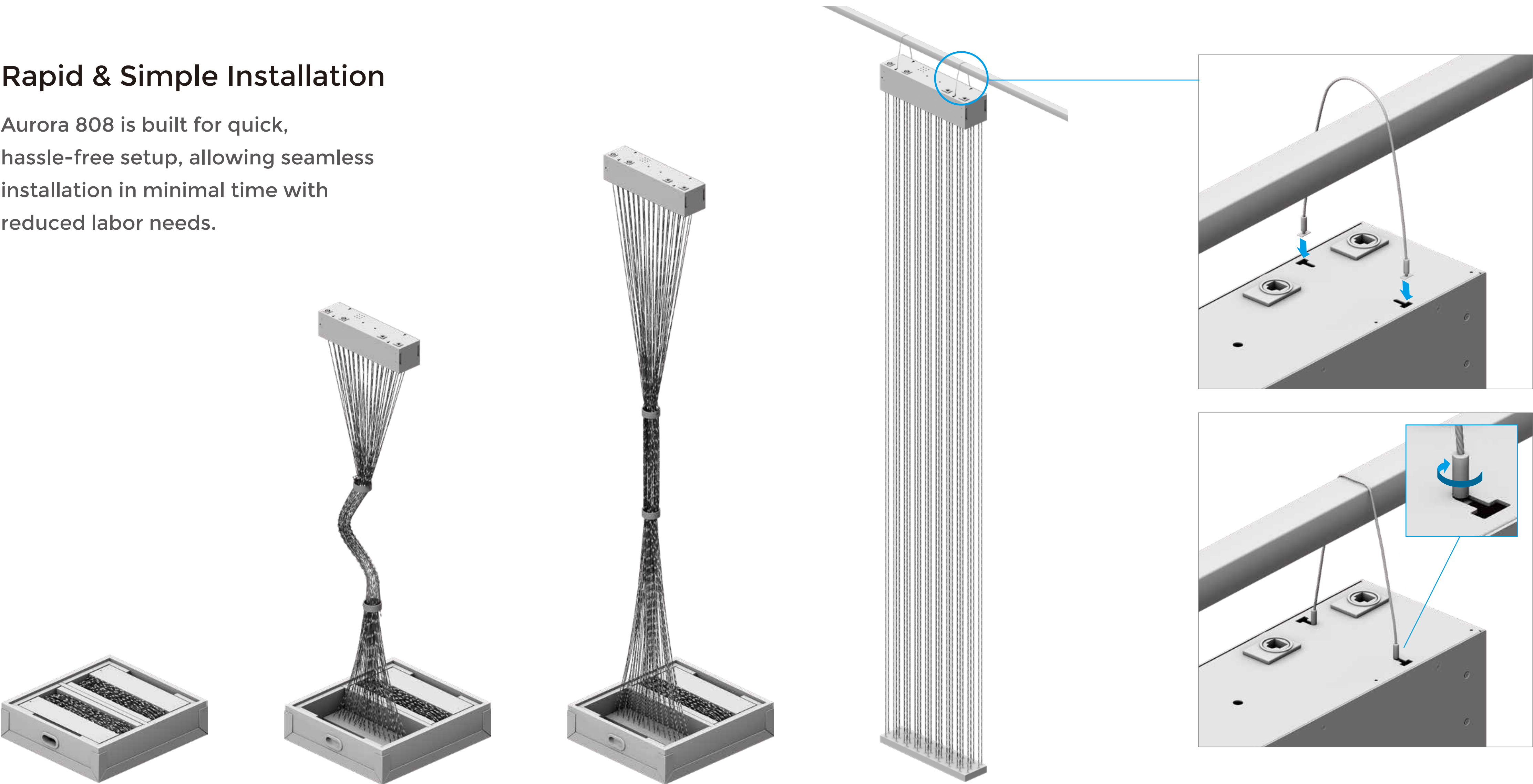
Aurora 808 is shipped in custom-designed honeycomb cardboard boxes that provide excellent protection and efficient use of space, ensuring each module arrives safely, reduces logistics costs, and simplifies on-site handling.

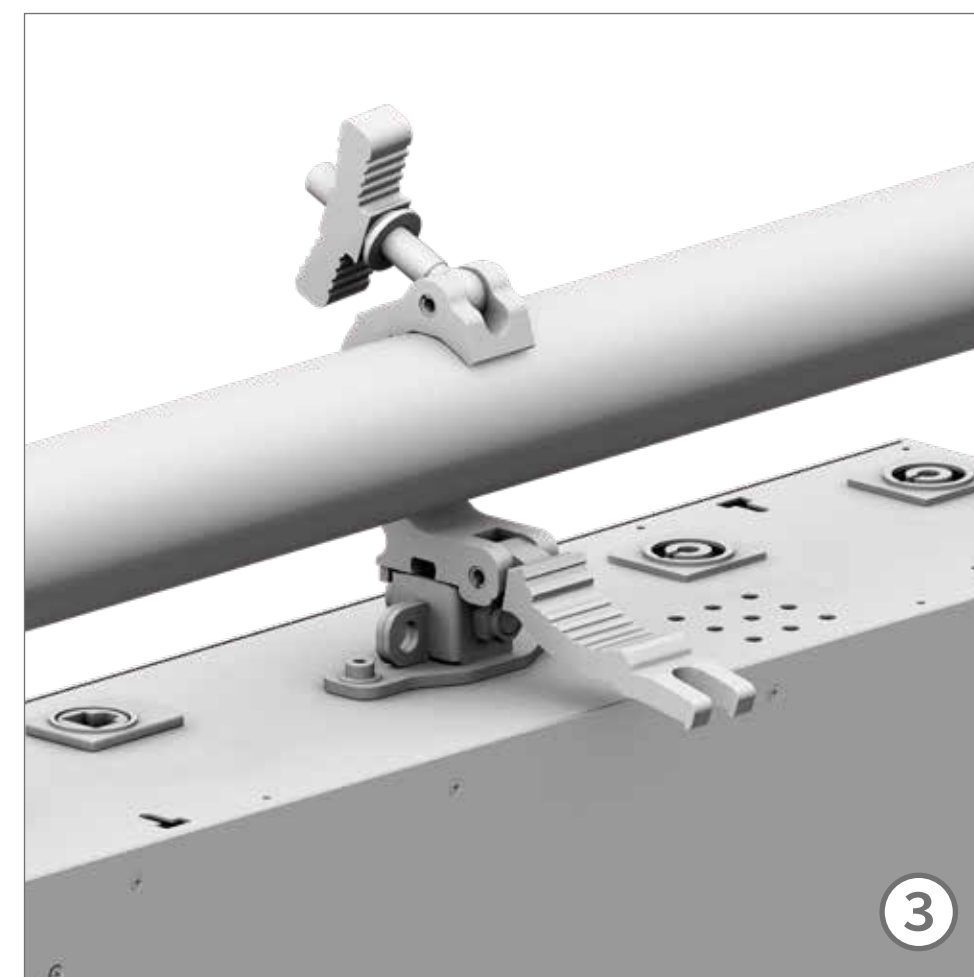
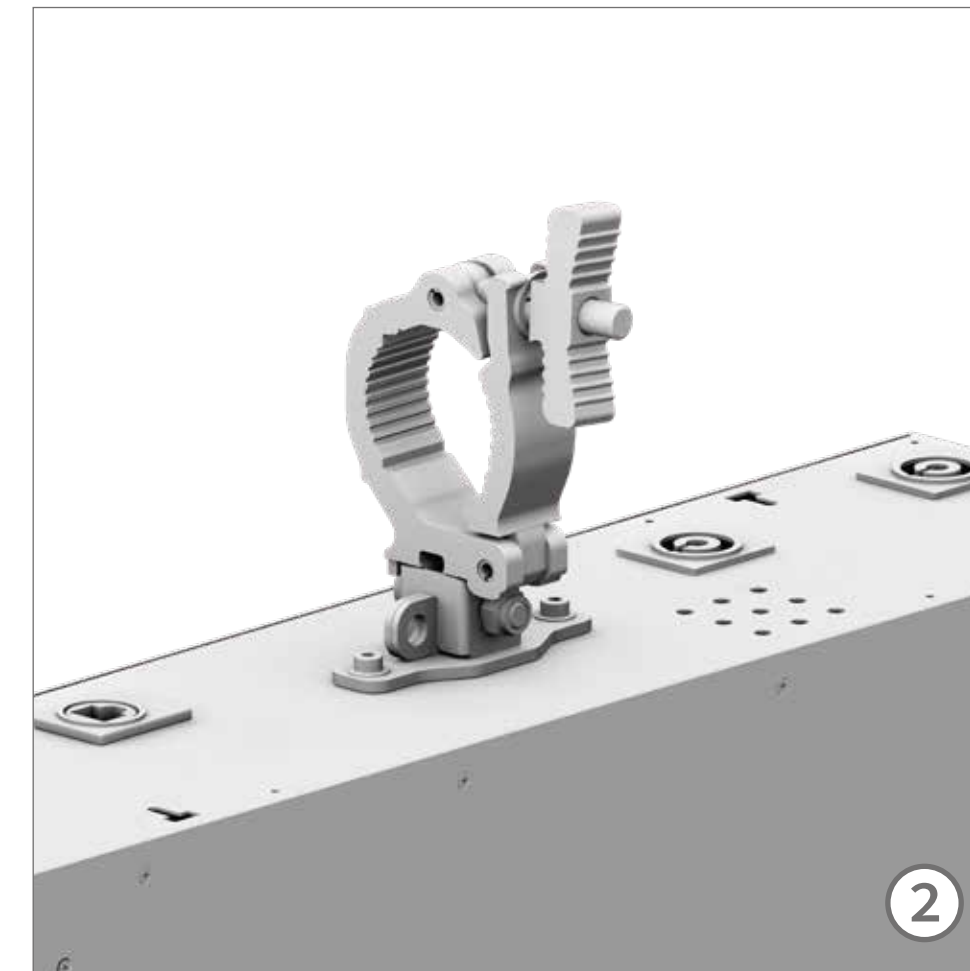
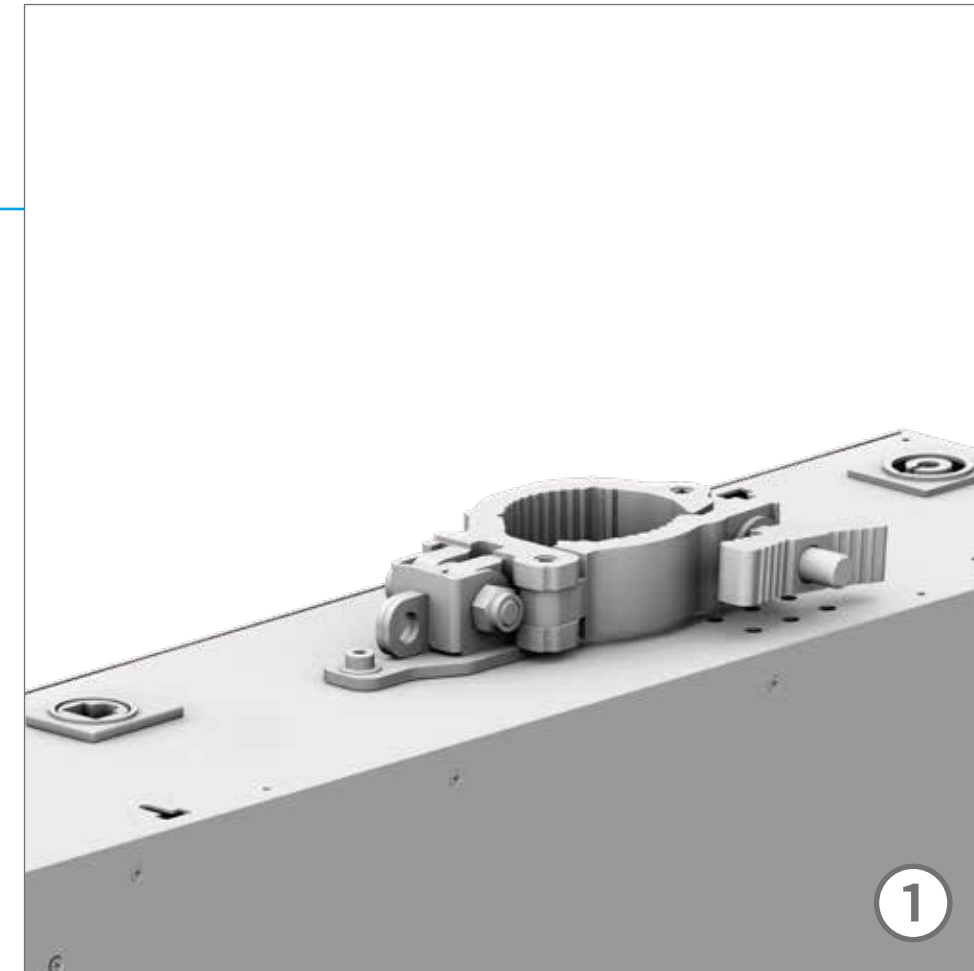
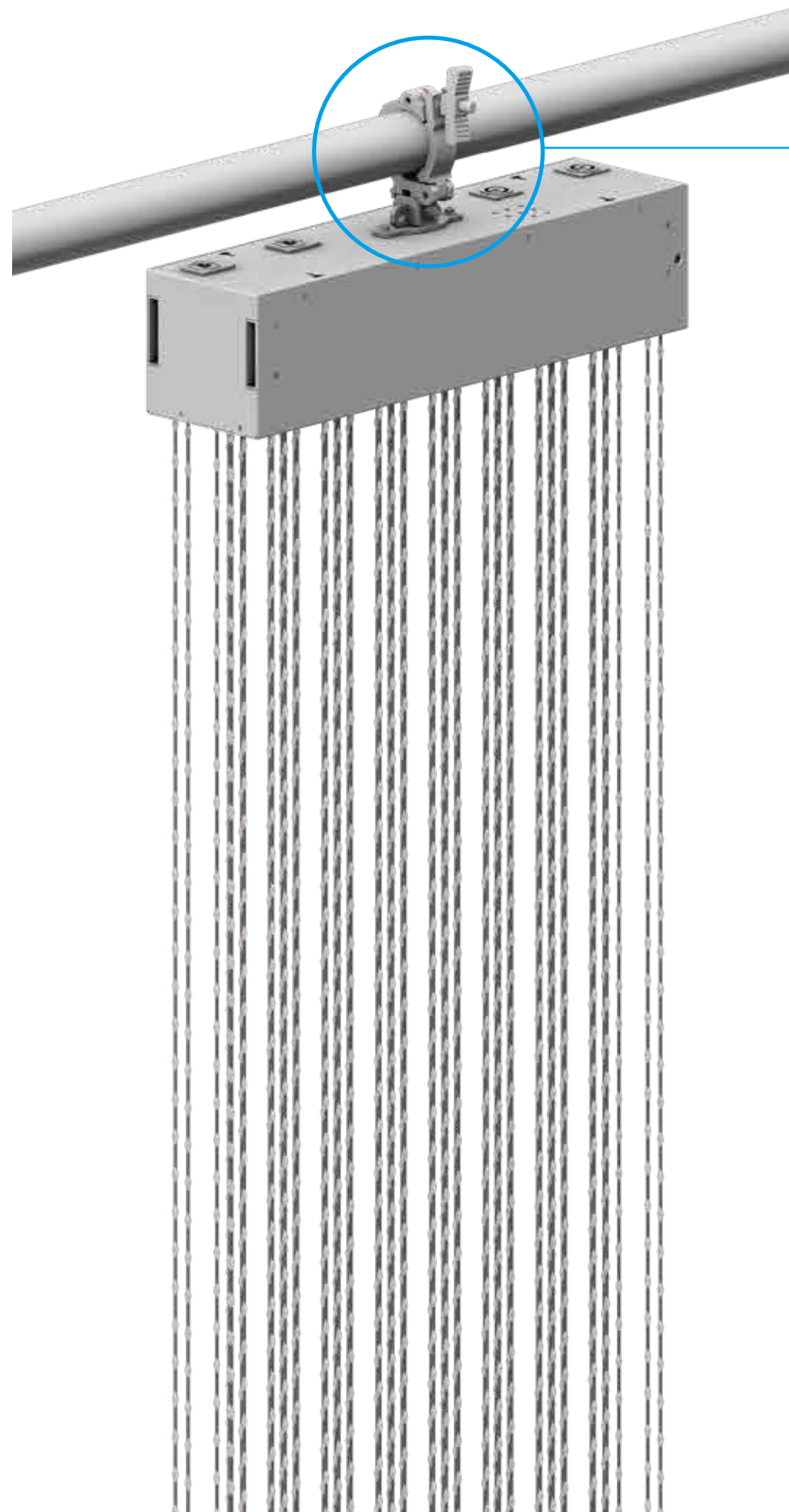


2 Modules per
Packaging Box

Rapid & Simple Installation

Aurora 808 is built for quick, hassle-free setup, allowing seamless installation in minimal time with reduced labor needs.

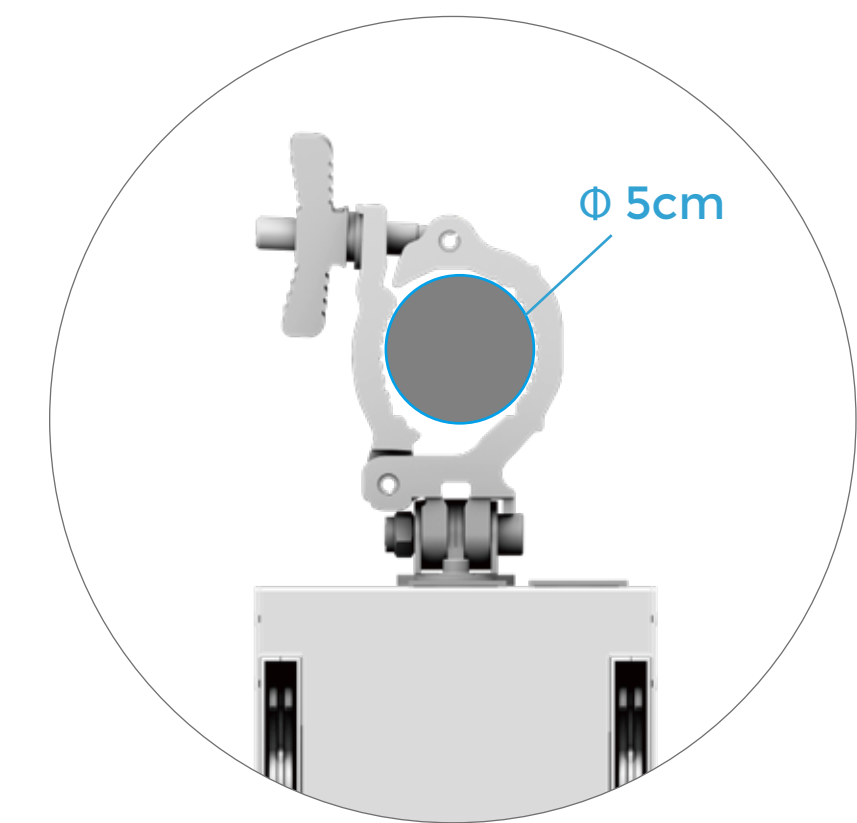


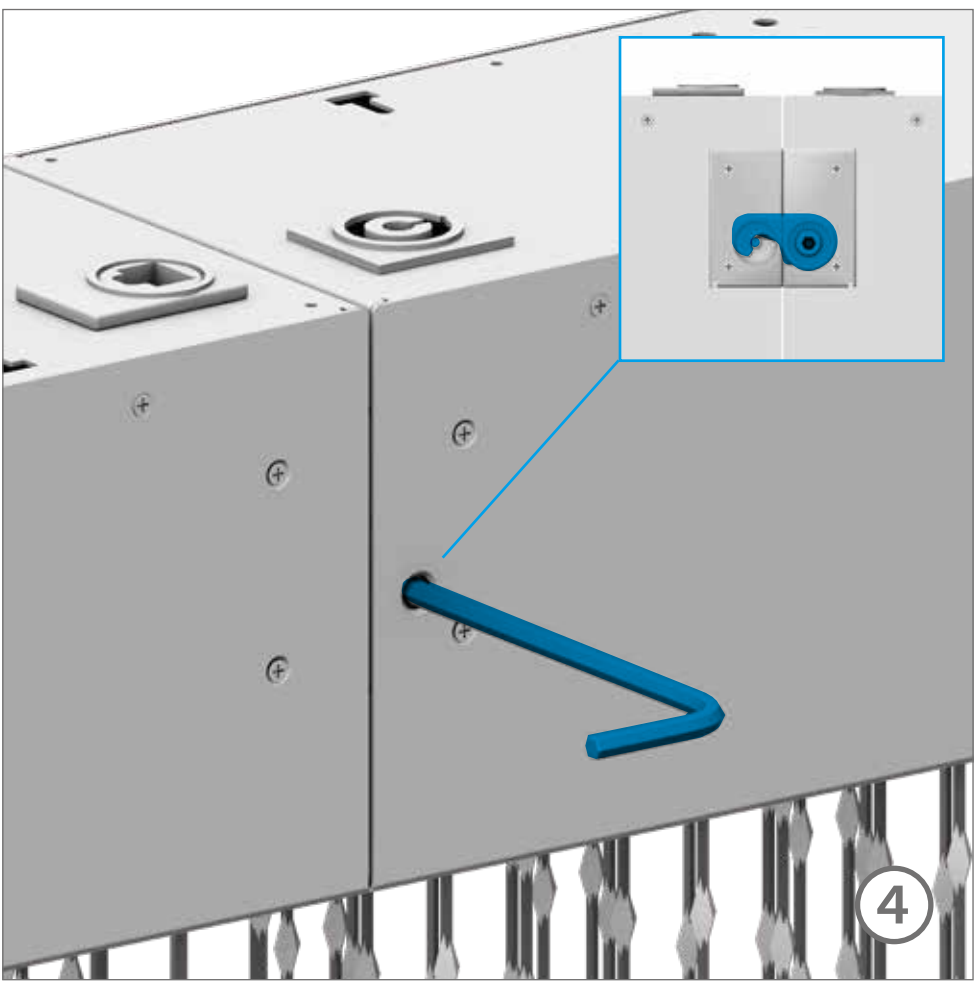
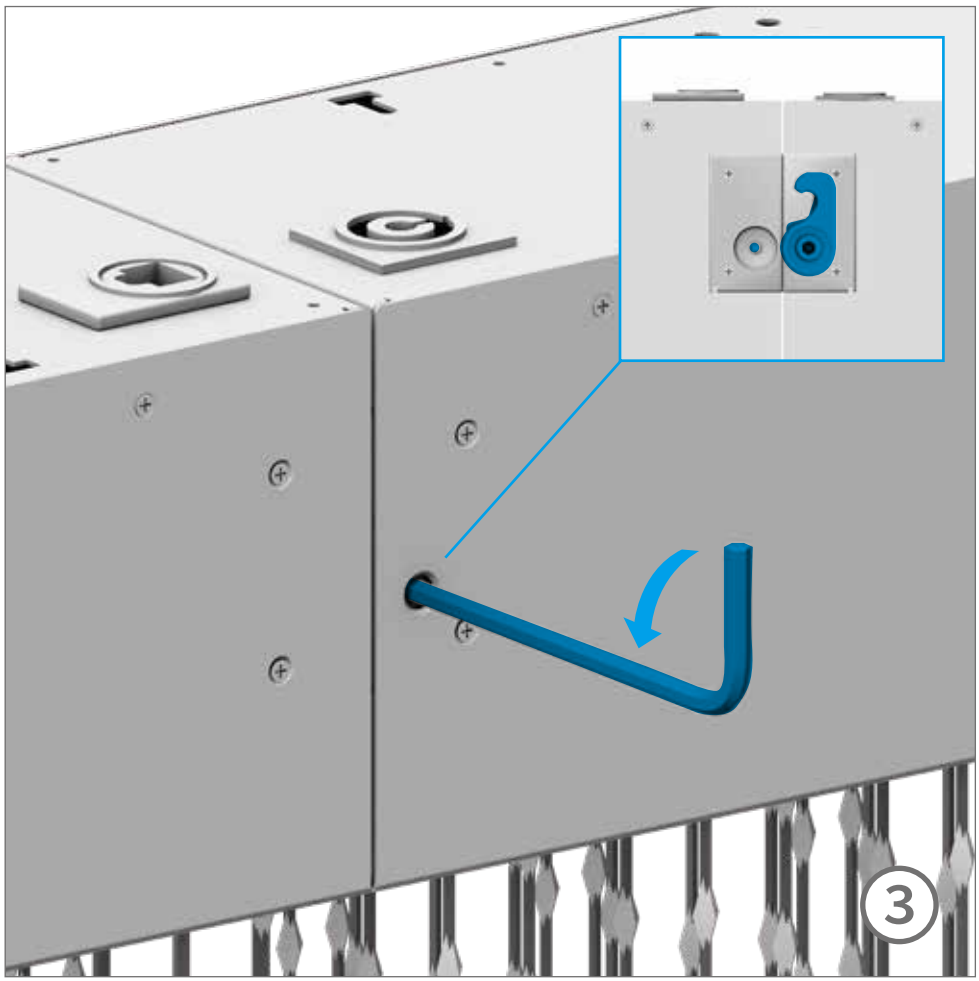
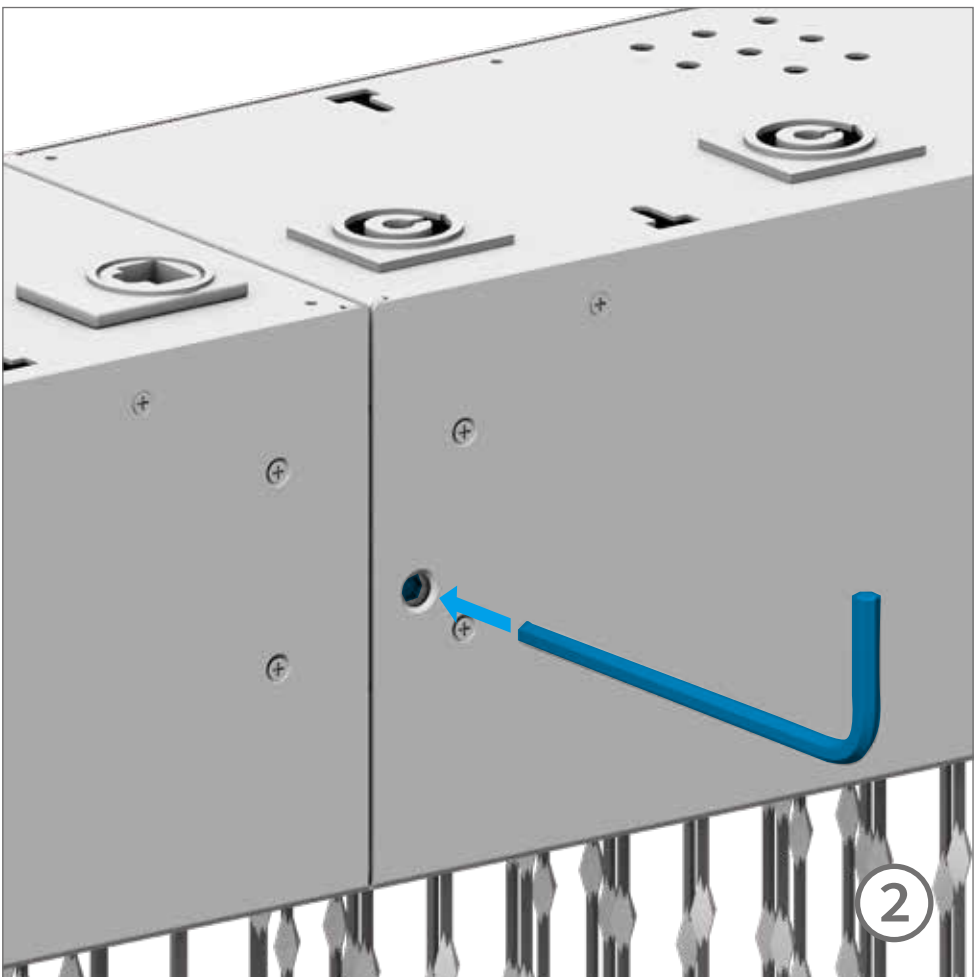
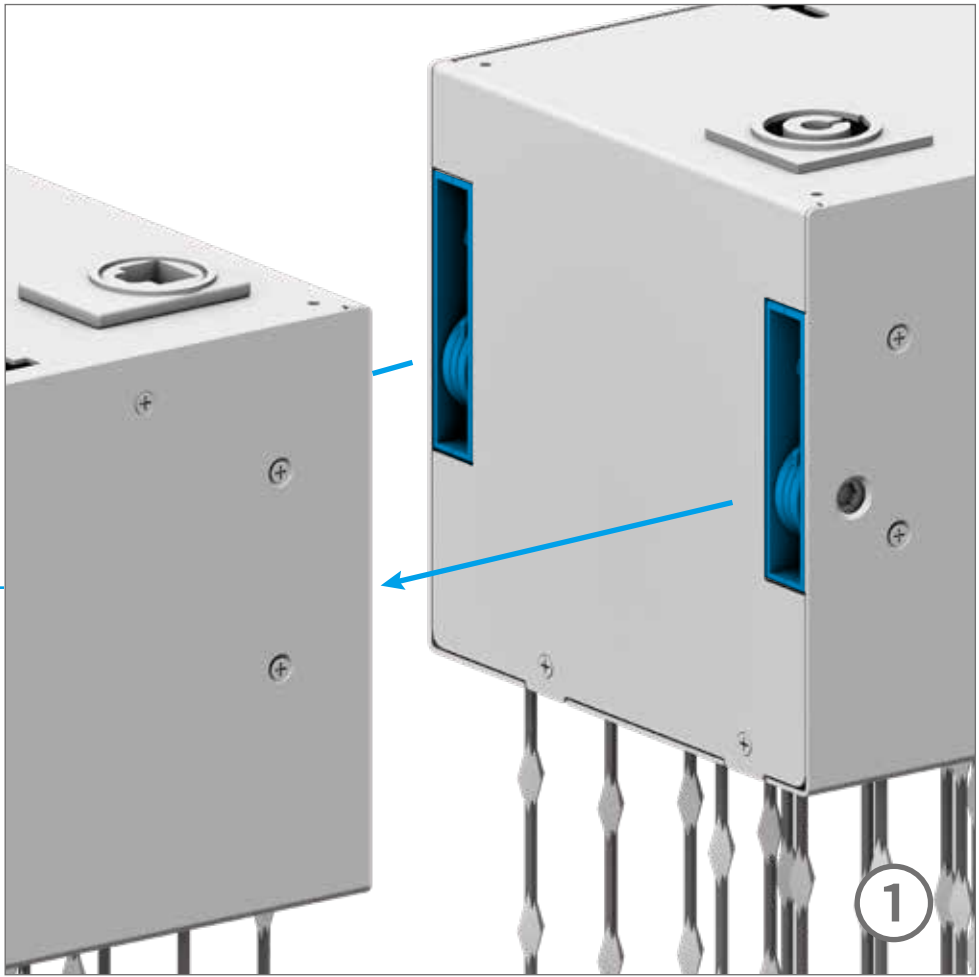
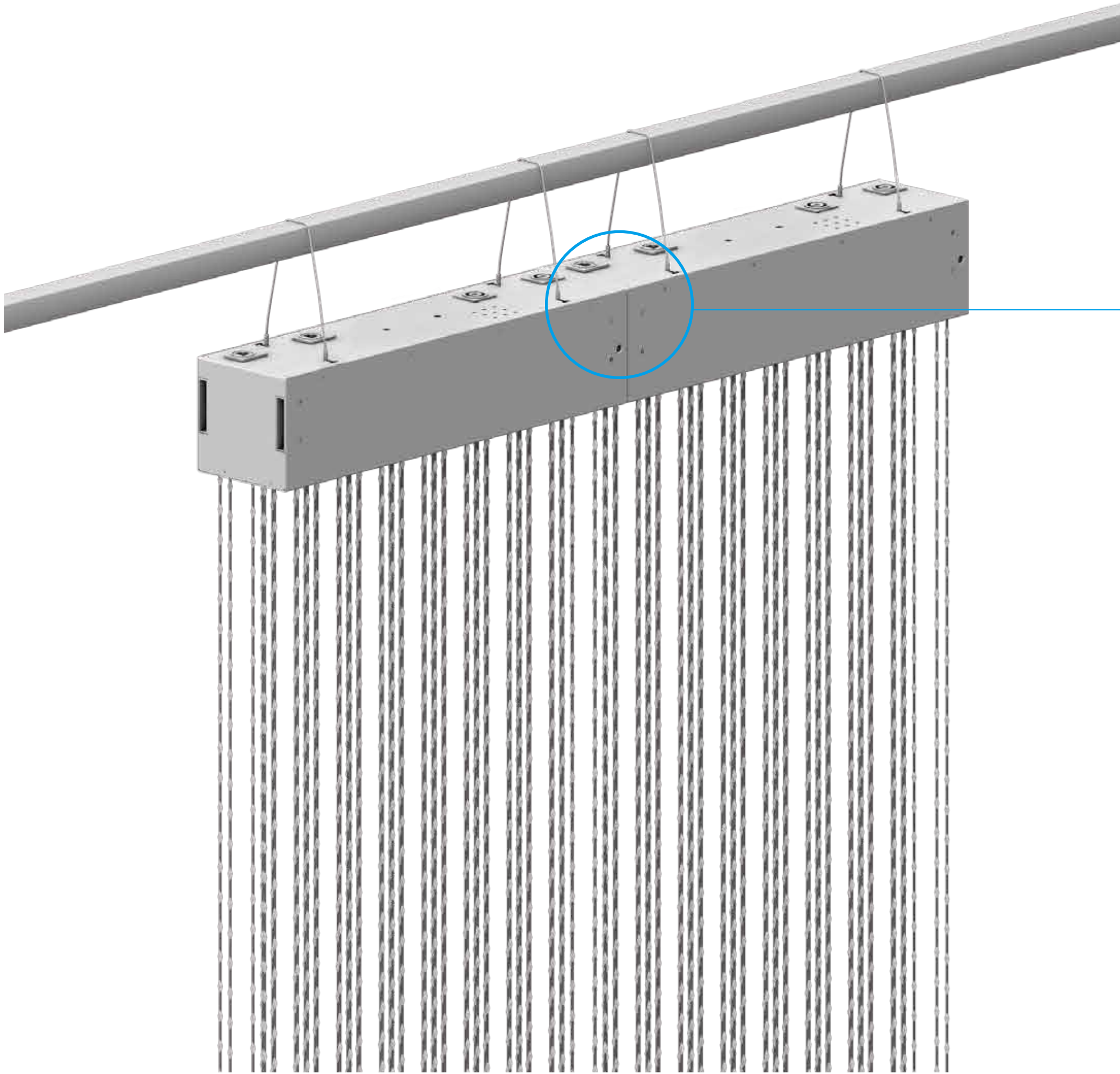


O Clamps

Fast & Secure Rigging Solution

O Clamps are specially designed mounting accessories that allow Aurora modules to be quickly and securely attached to standard 5 cm diameter truss or round pipes. Their lightweight and easy-lock design simplifies installation while ensuring stable and reliable support for professional setups.





Aurora 808 2 Module Specifications

Module Size: 100cm x 12.6cm x 315cm

Strings Height: 3m (Can be customized)

Strings: 128 Strings

Voxels: 12,288 LED Neurons

Weight: 13.6 KG

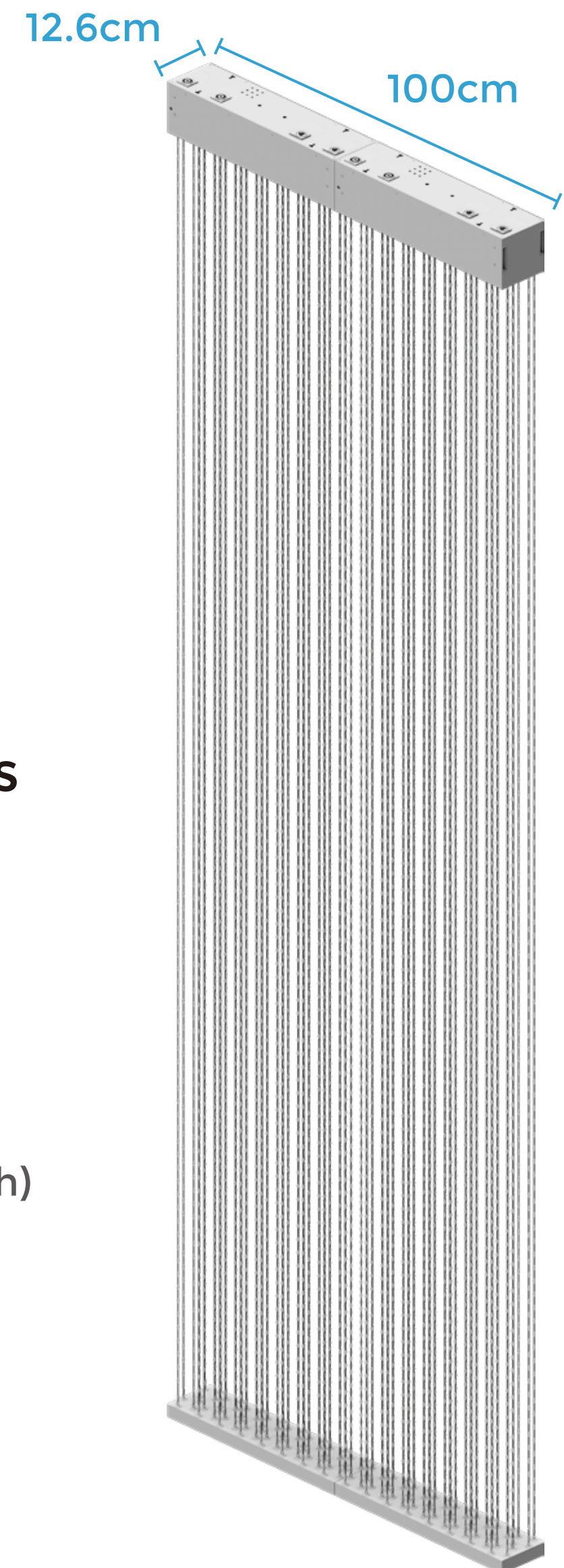
System: ORGANIC (Voxel distribution 1.56cm pitch)

Power consumption per module

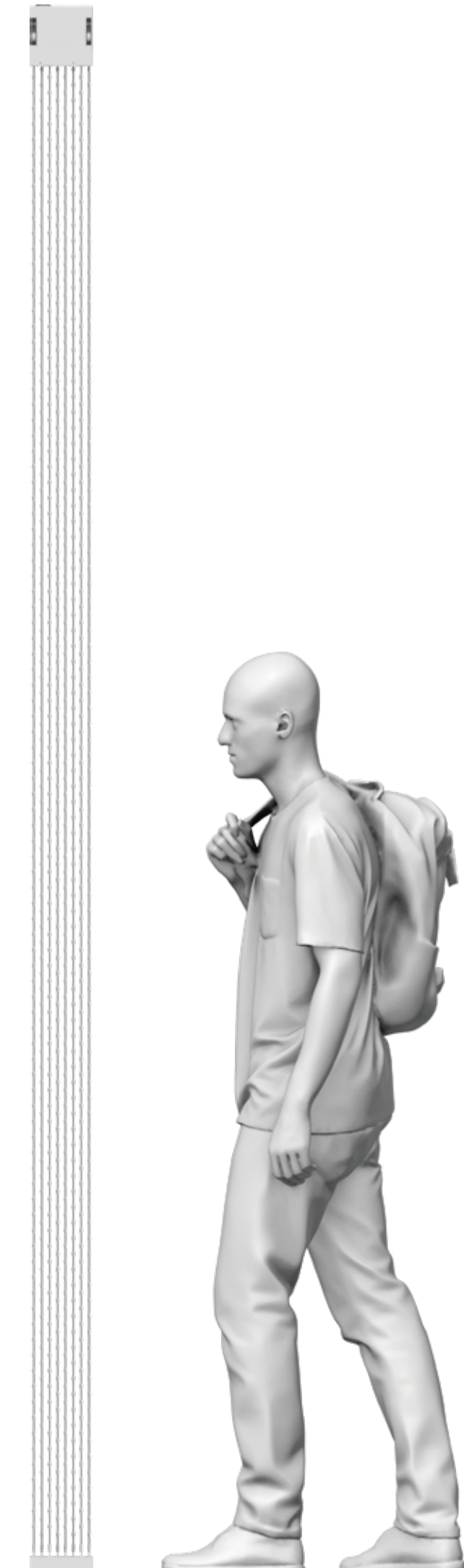
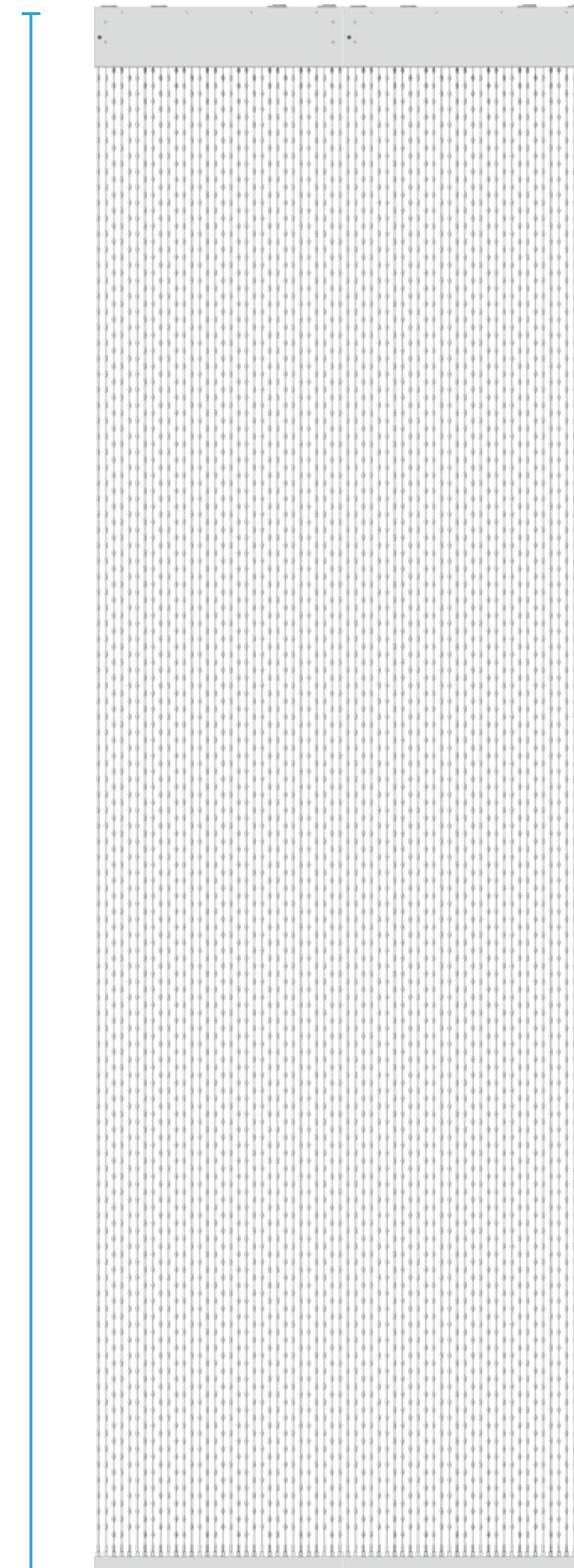
Standby (No content): 100W

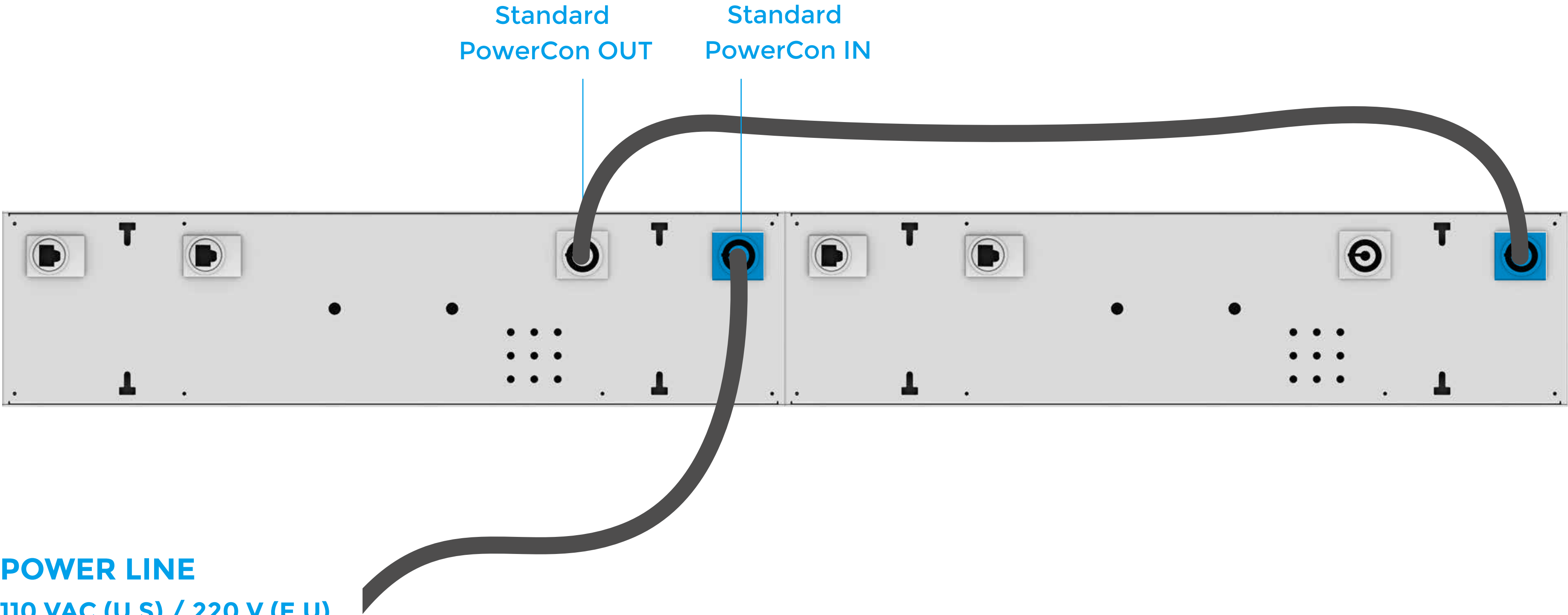
Average (Standard content): 200W

Peak (Full white): 300W



315cm





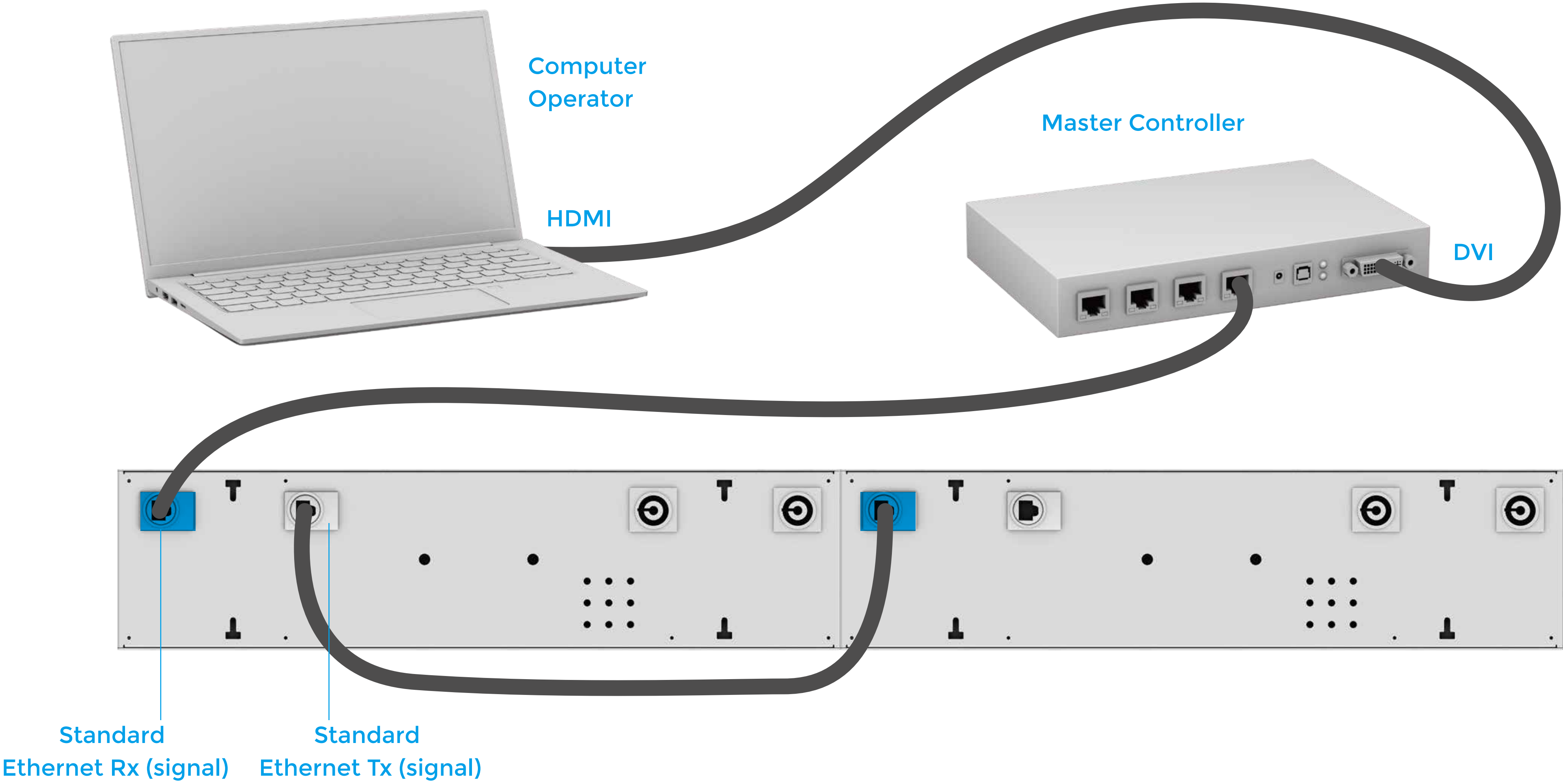
POWER LINE

110 VAC (U.S) / 220 V (E.U)

Standby (No content): 100W

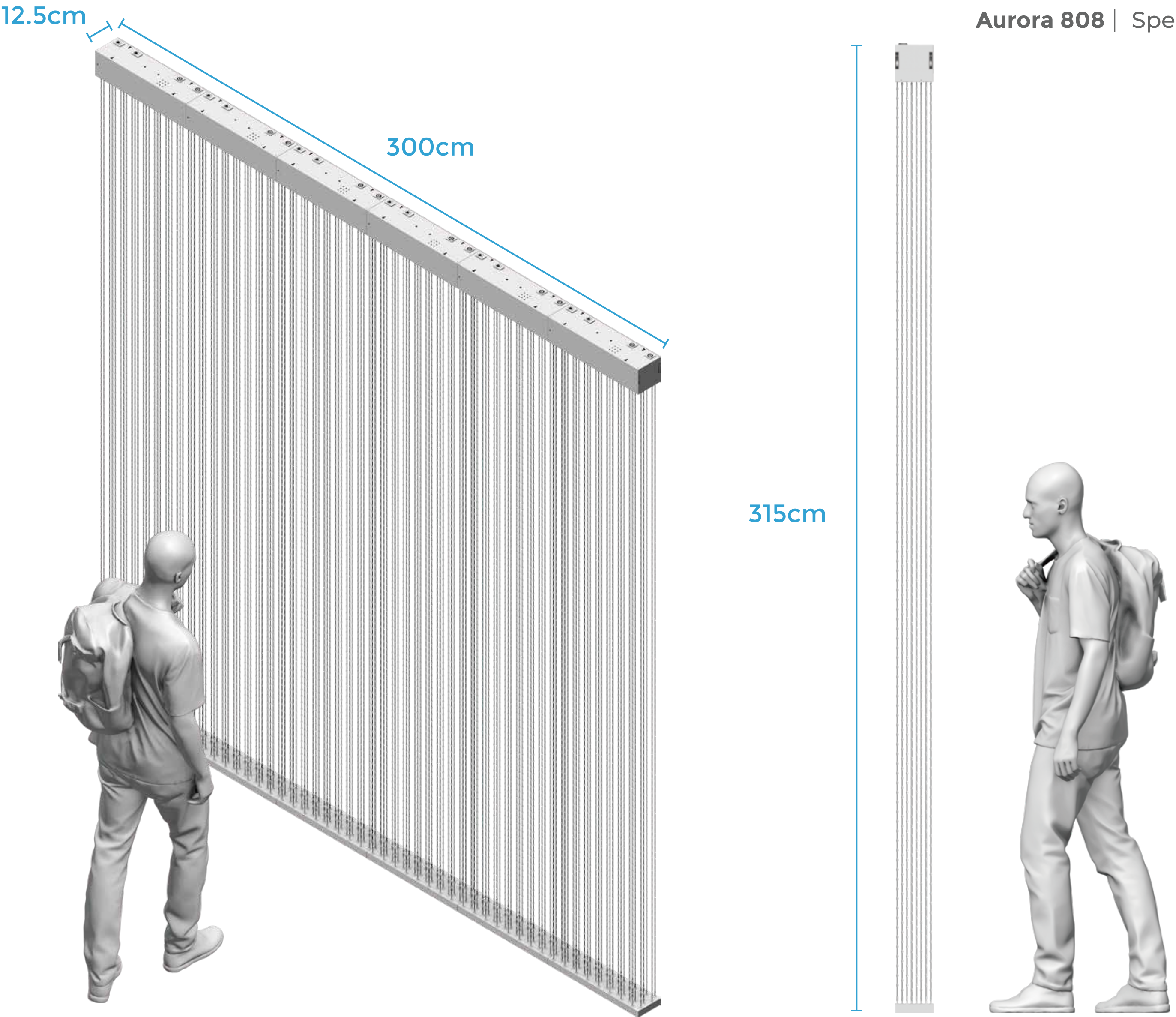
Average (Standard content): 200W

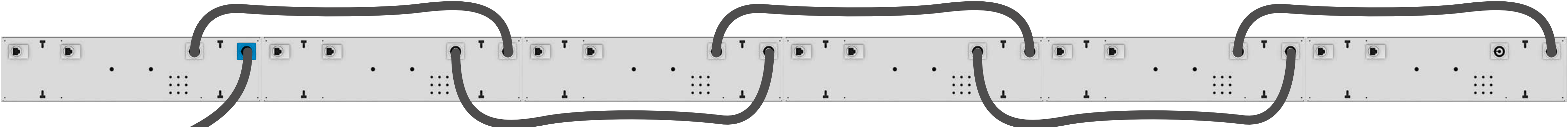
Peak (Full white): 300W



Aurora 808 6 Modules
Specifications

- Module Size: 300cm x 12.5cm x 315cm
- Strings Height: 3m (Can be customized)
- Strings: 384 Strings
- Voxels: 36,864 LED Neurons
- Weight: 40.8 KG
- System: ORGANIC (Voxel distribution 1.56cm pitch)
- Power consumption per module
 - Standby (No content): 300W
 - Average (Standard content): 600W
 - Peak (Full white): 900 W

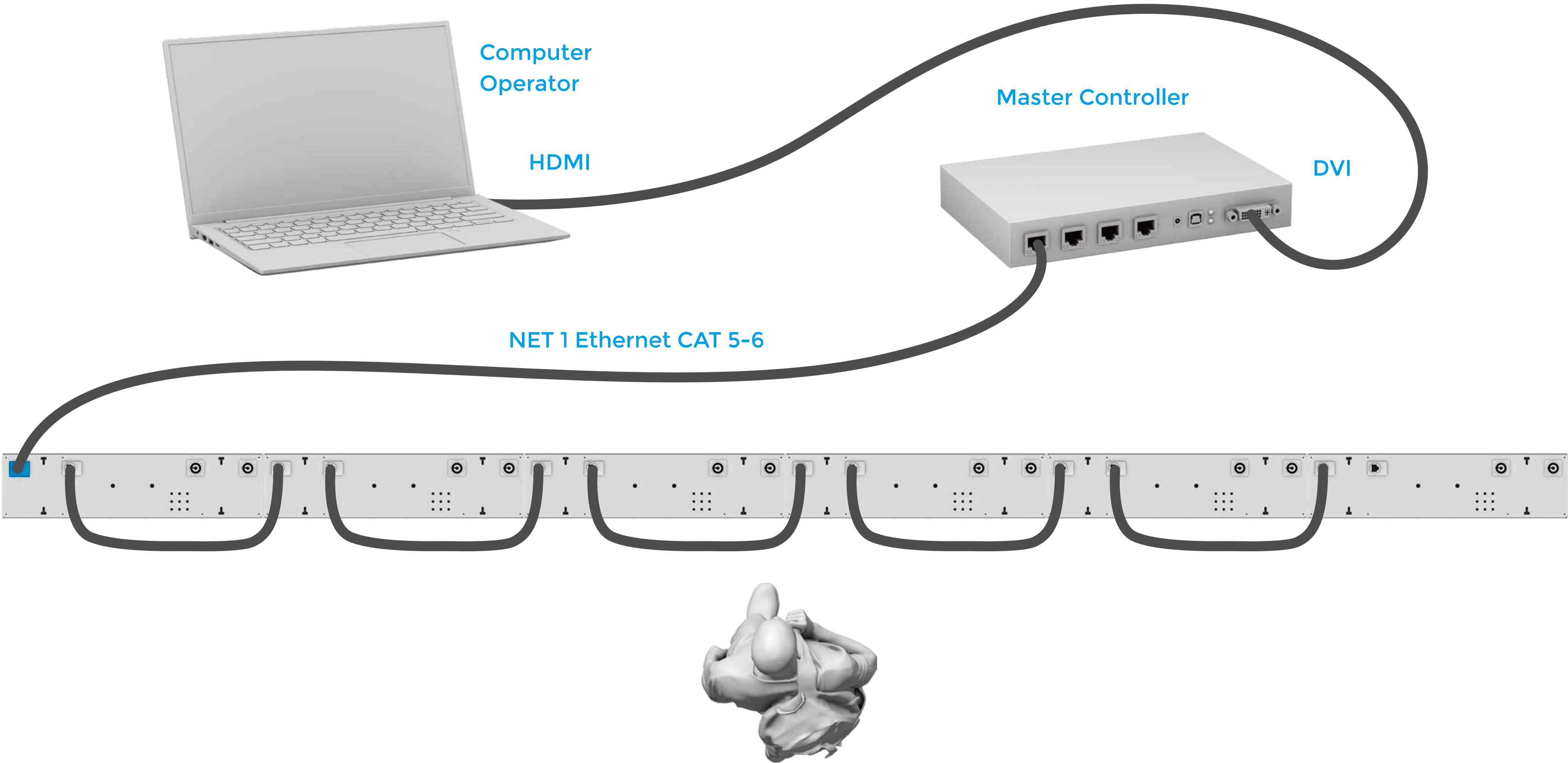




POWER LINE

110 VAC (U.S) / 220 V (E.U)
Standby (No content): 300W
Average (Standard content): 600W
Peak (Full white): 900W





Aurora 808 12 Module Specifications

Display Area: 400cm x 170cm x 315cm

Strings Height: 3m (Can be customized)

Strings: 768 Strings

Voxels: 73,728 LED Neurons

Weight: 81.6 KG

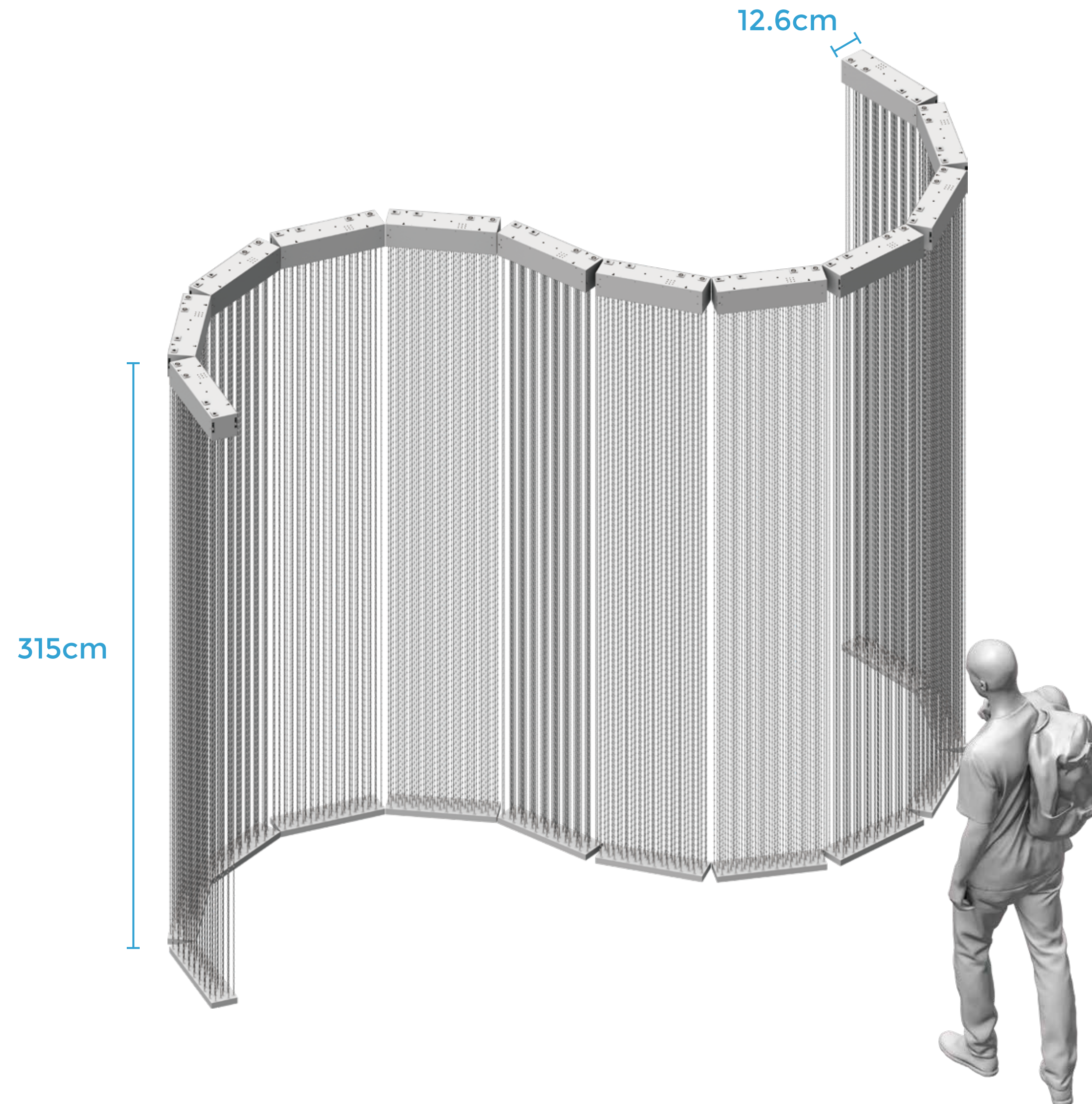
System: ORGANIC (Voxel distribution 1.56cm pitch)

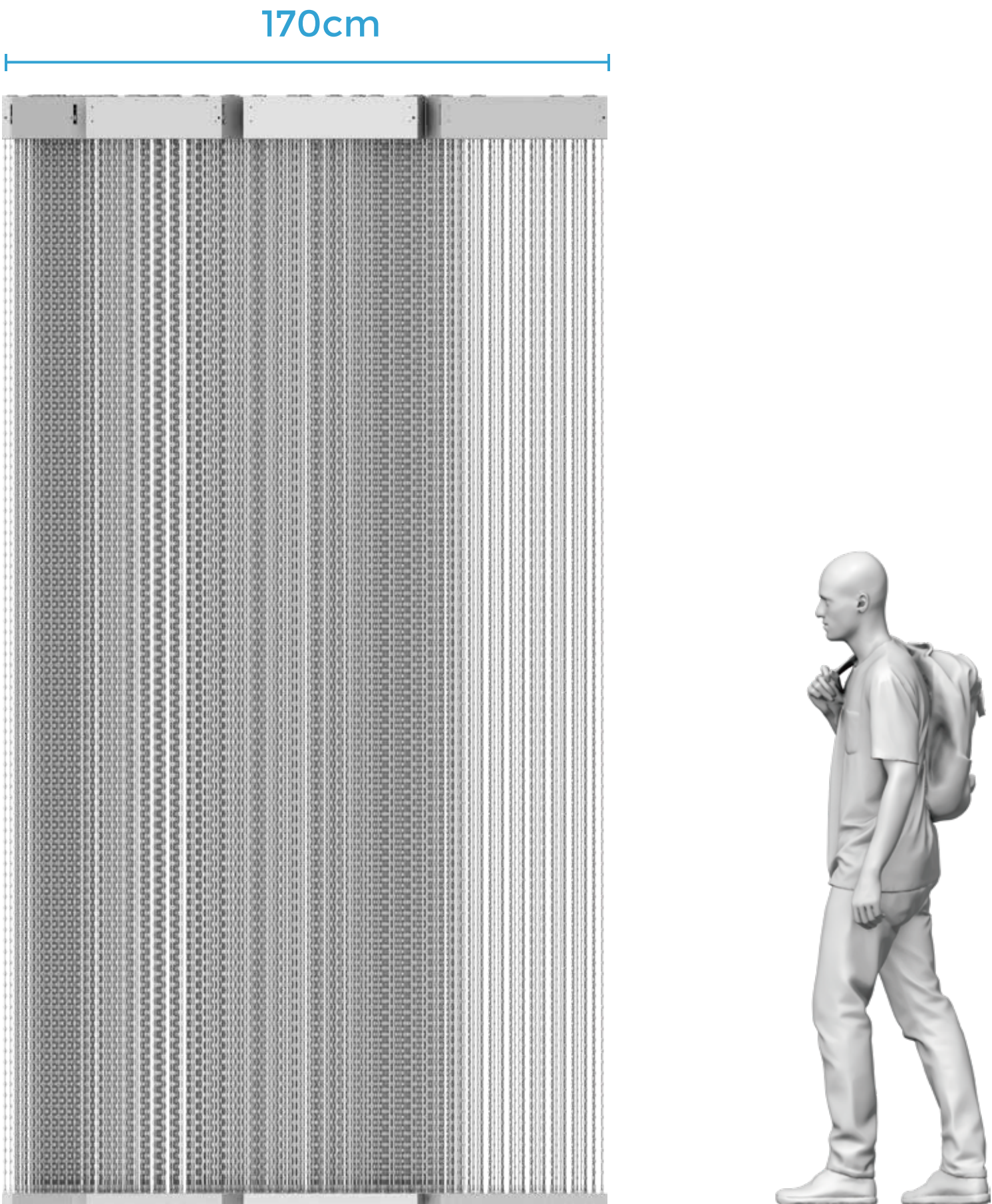
Power consumption per module

Standby (No content): 600W

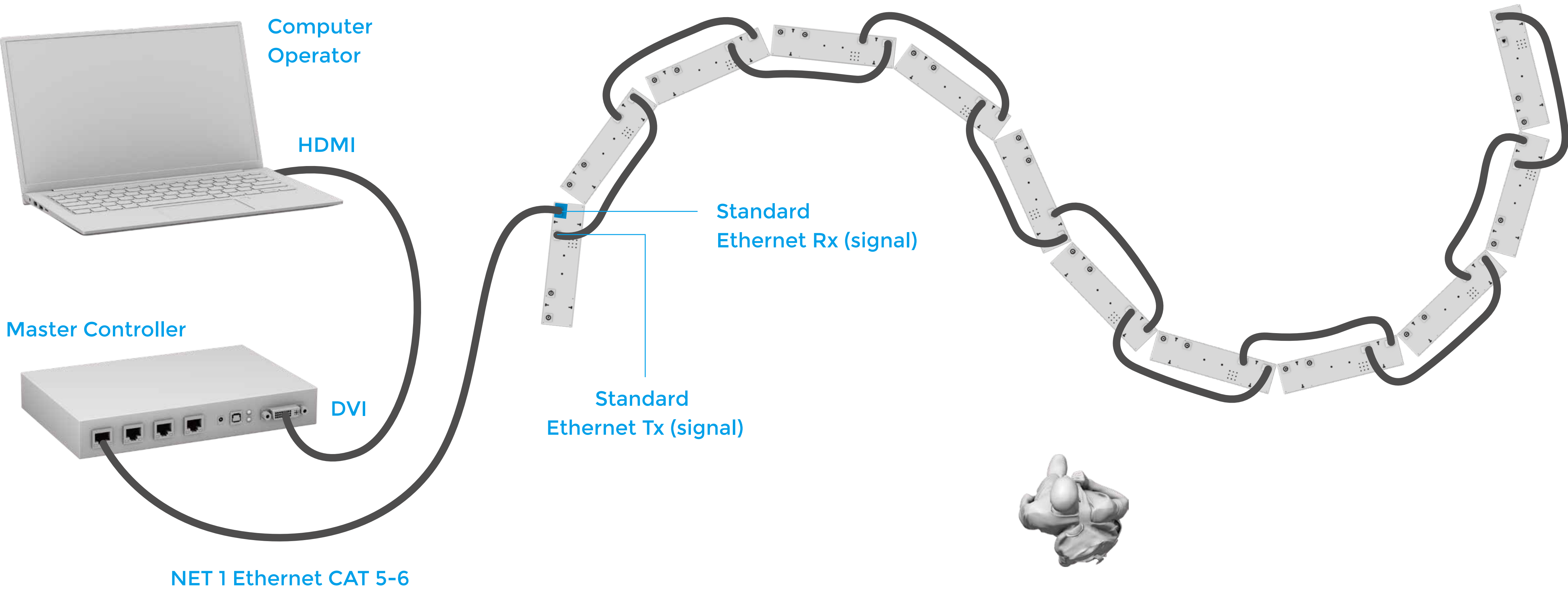
Average (Standard content): 1,200W

Peak (Full white): 1,800W









Aurora 808 29 Module Specifications

Display Area: 350cm x 87.5cm x 315cm

Strings Height: 3m (Can be customized)

Strings: 1,856 Strings

Voxels: 178,176 LED Neurons

Weight: 198 KG

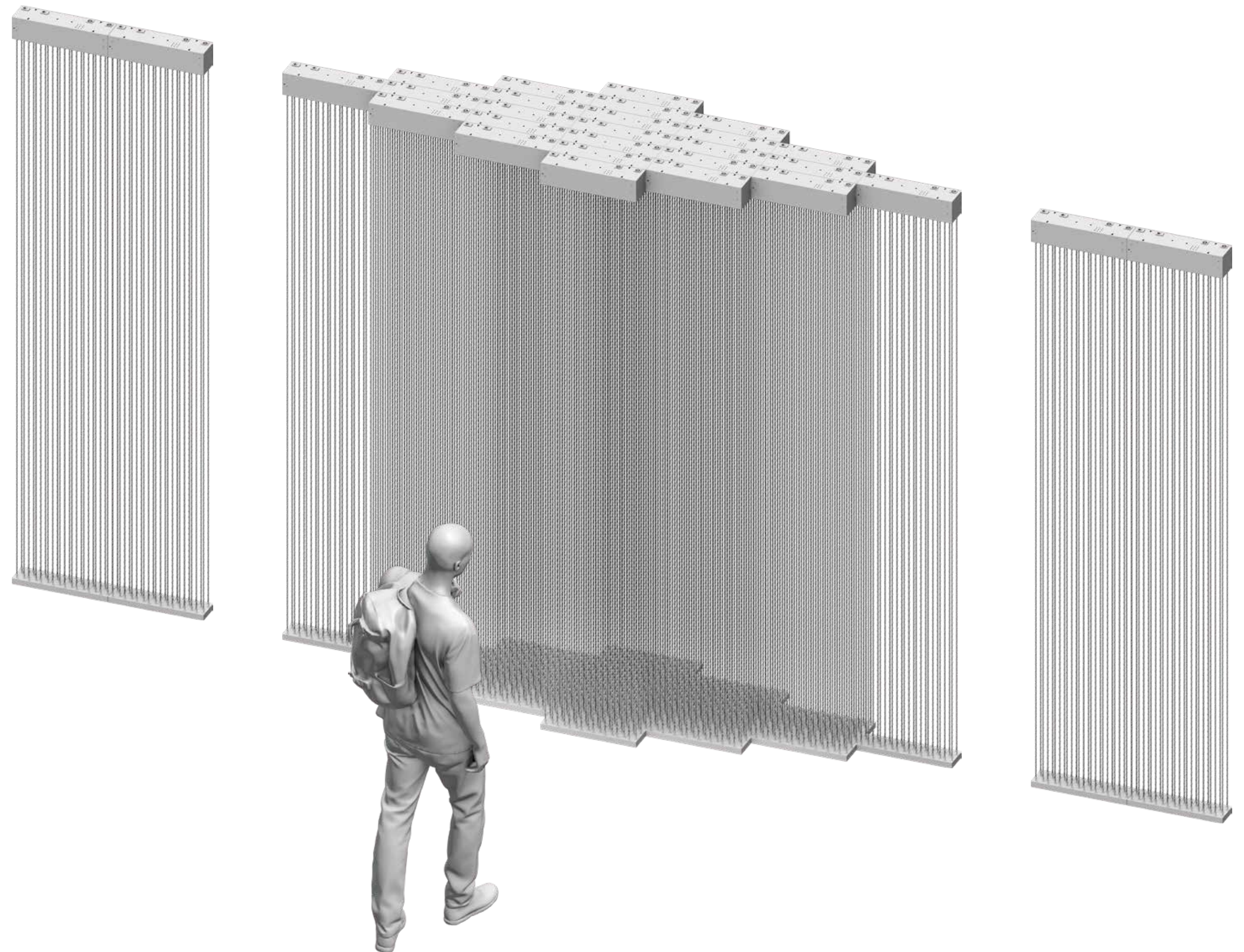
System: ORGANIC (Voxel distribution 1.56cm pitch)

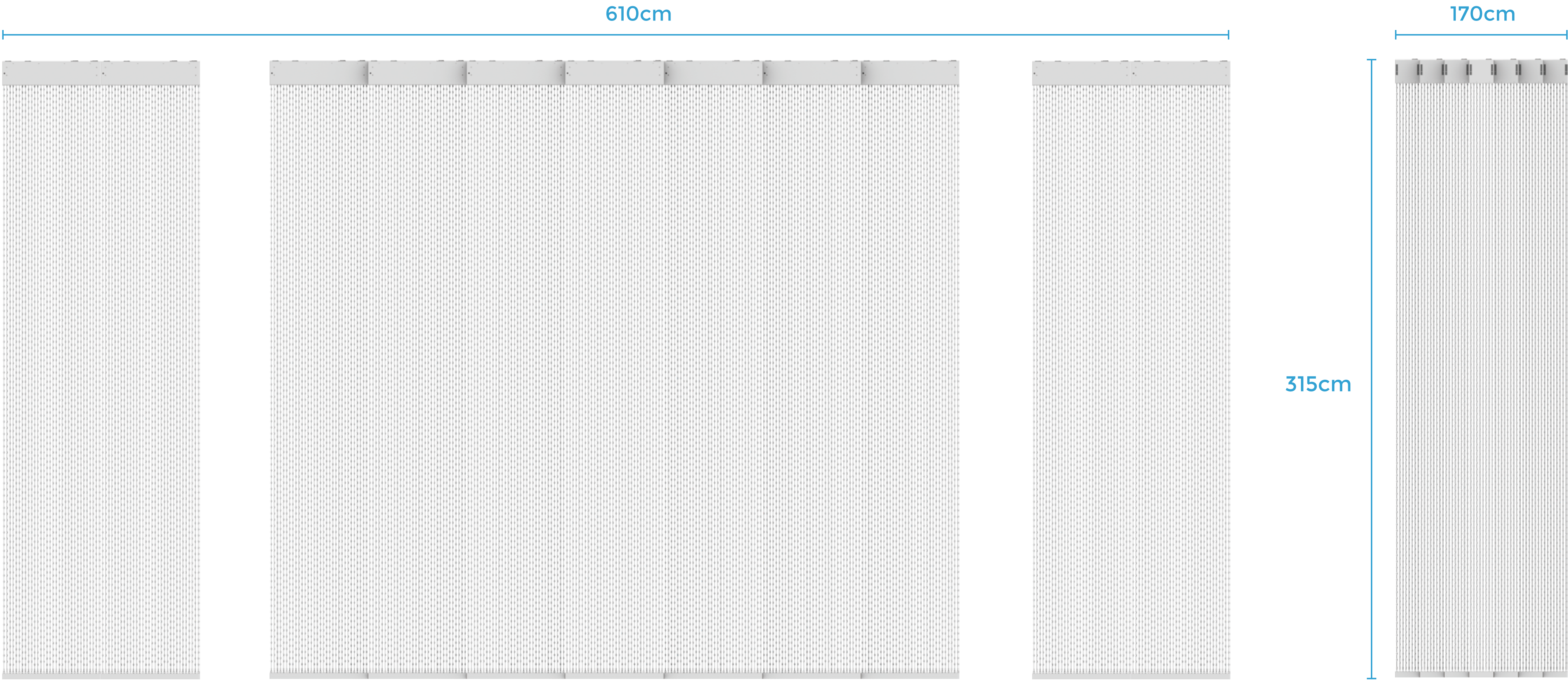
Power consumption per module

Standby (No content): 1,450W

Average (Standard content): 2,900W

Peak (Full white): 4,350W





POWER LINE

110 VAC (U.S) / 220 V (E.U)

Standby (No content): 1,450W

Average (Standard content): 2,900W

Peak (Full white): 4,350W

