

IMAGIC WEAVE®

Unique façade. Ultra bright, high output. Various customization options.

IMAGIC WEAVE® masters the balance of structure and art. The creative and sustainable possibilities of Traxon LEDs paired with the rugged structural durability of Haver & Boecker's stainless steel mesh meld together to become a woven grid equipped with ultra-bright, individually-addressable LEDs, which converts building facades into unique, transparent canvases for vivid, large-scale media.

IMAGIC WEAVE® steel composition protects buildings from harsh elements and harmful UV rays while serving as a thermal layer. Its linear LED configurations are customizable in length and pixel pitch, offering a wide range of resolutions in full color at various brightness levels. Visible in daylight, the façade solution is ideal for both indoor and outdoor installations. IMAGIC WEAVE® is custom built for each individual project. Controlled via DMX512 and e:pix/DVI input signals, Smart Chip technology, and intelligent software, it is optimized for maximum control of even the most intricate media scenarios.



FLEXIBILITY Multiple customization options including LED profile length, number of pixels (from 8 to 72 LED pixels per profile piece), and the configuration and location of each LED profile, can be custom selected. The linear LED configurations are easily attached to the steel mesh with a patented clip system, allowing easy installation and maintenance of the LED tubes.

SIMPLICITY Controlled via DMX512 and e:pix/DVI input signals, Smart Chip technology, and intelligent software, each pixel is auto-addressable and easily configured.

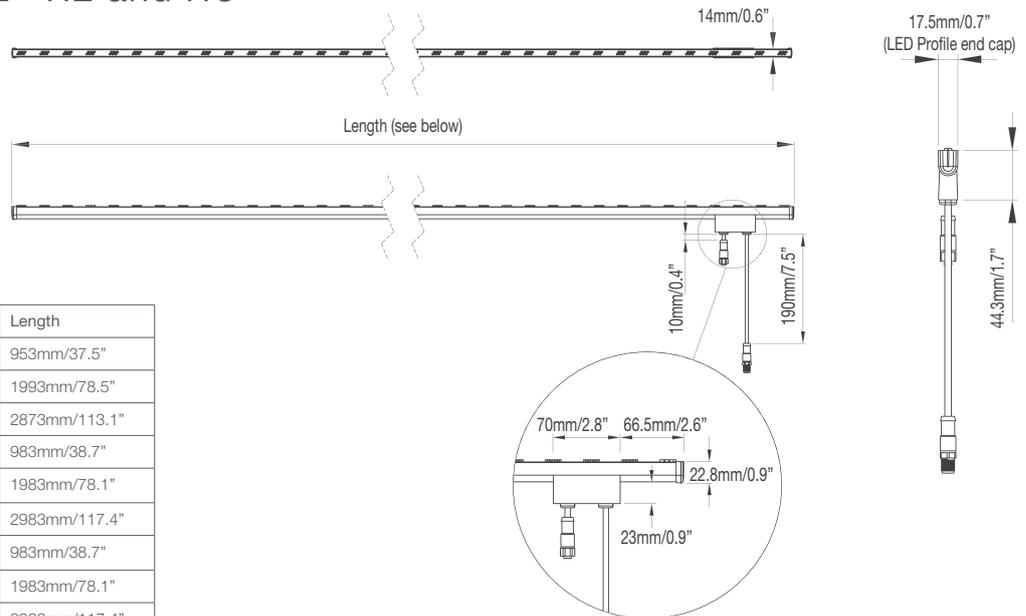
INNOVATION Four pixel pitches (40mm, 50mm, and 62.5mm) make IMAGIC WEAVE® capable of a wide range of resolutions in full color at various brightness levels up to 8400 nits, and is visible in daylight. IP67-rated, UV-resistant, and designed to withstand outdoor elements, it shields building façades.

Designed to communicate even the most intricate media scenarios as vivid, large-scale media, IMAGIC WEAVE® is a stunning structural vehicle for urban art and media communications. Highly customizable, its linear LED configurations are available in varying lengths and pixel pitch options of 40mm, 50mm, and 62.5mm to reproduce graphics and messaging in full color at many resolutions, with brightness levels up to 8400 nits, and is visible in daylight. IMAGIC WEAVE® is IP67-rated for both indoor and outdoor environments, with an available optimal viewing distance of 40 meters to 400 meters. A patented clip system enables uncomplicated maintenance and the later addition of LED configurations to the installation.

Technical Specifications & Options

	IMAGIC WEAVE® HE	IMAGIC WEAVE® HO
BEAM ANGLE	110°	105° x 50°
COLOR	RGB	RGB
ENVIRONMENT	IP67	IP67
BRIGHTNESS	2200 cd/m ² @ 40mm x 40mm pitch 1400 cd/m ² @ 50mm x 50mm pitch 900 cd/m ² @ 62.5mm x 62.5mm pitch	8400 cd/m ² @ 40mm x 40mm pitch 5400 cd/m ² @ 50mm x 50mm pitch 3400 cd/m ² @ 62.5mm x 62.5mm pitch

IMAGIC WEAVE® HE and HO



Pitch	Model	Length
40mm/1.6"	24PXL	953mm/37.5"
	50PXL	1993mm/78.5"
	72PXL	2873mm/113.1"
50mm/2.0"	20PXL	983mm/38.7"
	40PXL	1983mm/78.1"
	60PXL	2983mm/117.4"
62.5mm/2.5"	16PXL	983mm/38.7"
	32PXL	1983mm/78.1"
	48PXL	2983mm/117.4"

*Lengths for 1m, 2m and 3m (approx.) listed for reference. Other lengths also available.