

ARKTURA

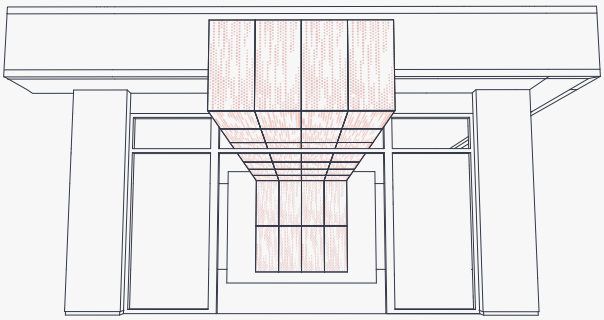
Vapor® Exterior

Facades & Ceiling Panels

Fueling Possibilities®

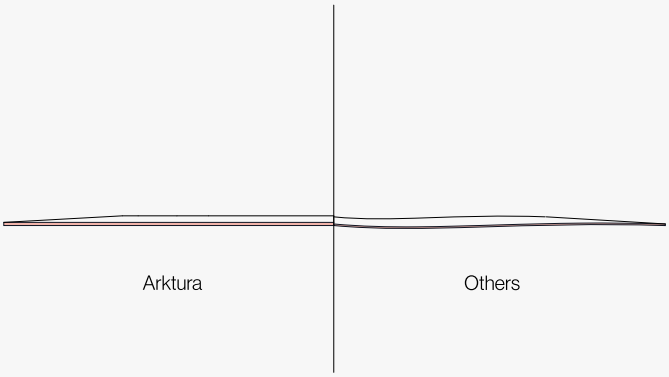
Key Features

The Vapor® Exterior Panel System elevates modern aesthetics with a variety of artistic patterns designed for facades and exteriors. In addition to its interior applications, this existing system now offers new, standardized functionalities for outdoor use, enabling a seamless transition in design from indoor to outdoor environments while maintaining uninterrupted design continuity. Enhance your design with optional illumination features.



One Design, Multiple Uses

Take your design from interior to exterior with a seamless, cohesive look. Create consistent patterning and branding throughout a space, using the same panel design inside and out.

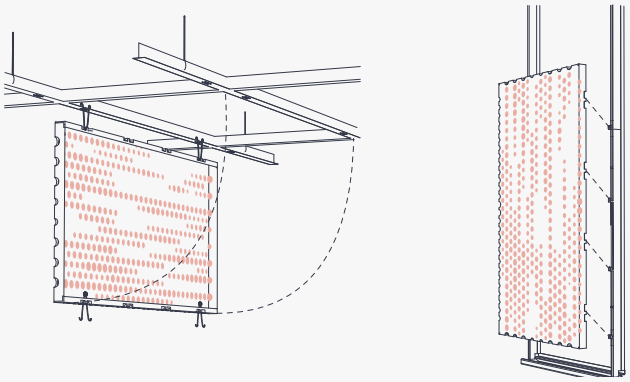


Superior Flatness & Strength

Vapor® panels are manufactured from aluminum that is on average 50% thicker than the competition, which in combination with our precision processes result in unrivaled flatness.

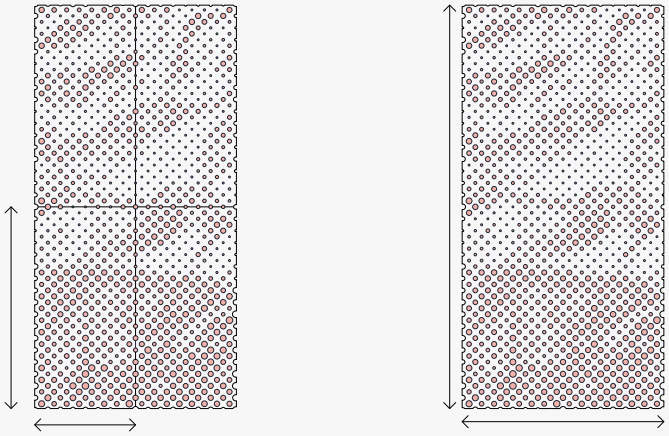
Scan the QR or Click to Learn More about Vapor® Exterior

Our Key Features



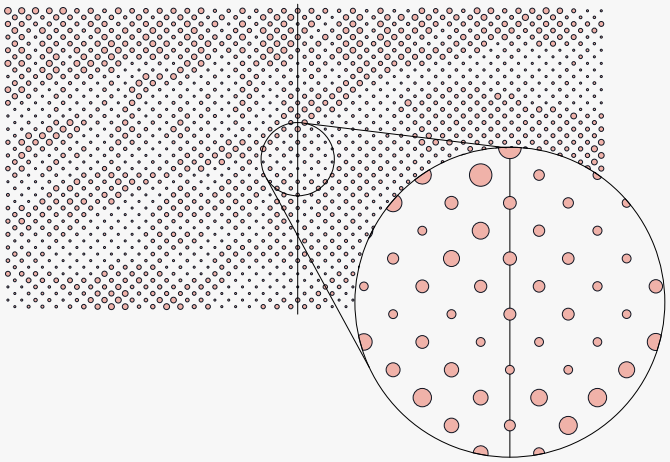
Easy Installation & Access

Vapor® panels offer easy install, using quick torsion spring attachment across standard ceiling grid systems or simple wall attachment using our Vertika® channel system.



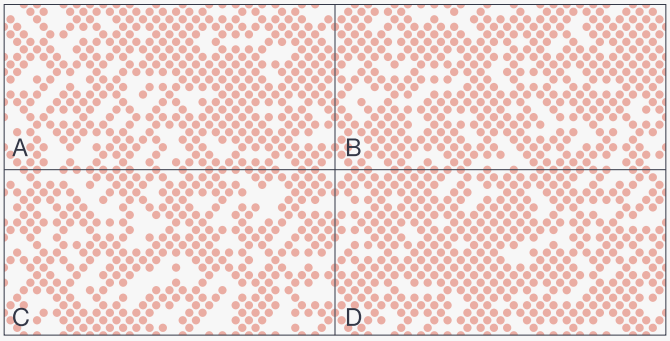
Multiple Panel Sizes

Vapor® Exterior offers a variety of panel sizes, allowing for larger specifications of grand scale installations, which results in fewer seams and reduced installation time.



Continuous Pattern Aesthetic

Achieve uninterrupted patterning across your space. Vapor® patterns have perforations that wrap around the edges of each panel, concealing where patterns start and end.



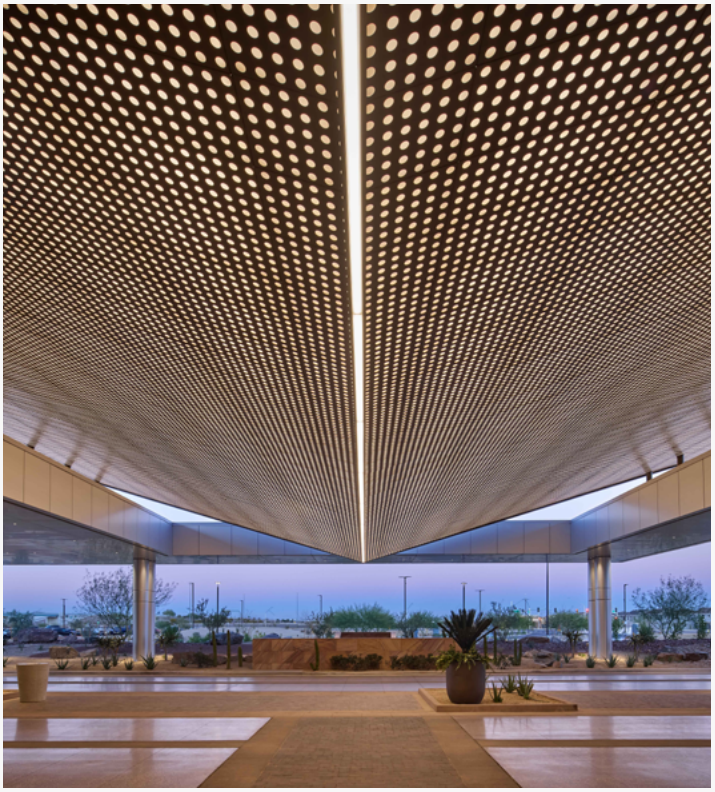
Preconfigured Solutions

Vapor® panels are scalable, seamlessly tileable, preconfigured solutions designed with a dynamic array of criteria and effects in mind. Choose from our growing library of patterns to uniquely impact your project.

Inspiration



Create a dazzling display across your design with optional Arktura Backlighting



Transforms functional spaces into stunning visual experiences



Exterior patterns are endlessly tileable for an expansive array

Inspiration



Bring Directionality to Projects with our Dynamic Custom InLine Lighting Accessory



Impactful Backlighting Any Time of Day



Take Your Design Inside and Out

Overview

1 Understanding the System

2 Case Studies

3 Available Accessories

4 Available Finishes

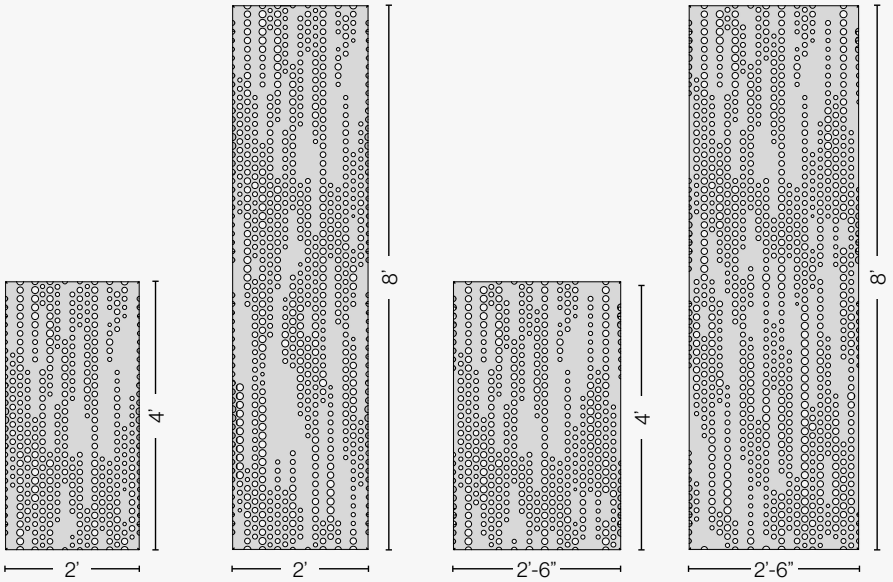
5 Product Specifications

1 Understanding the System

Panel Sizes

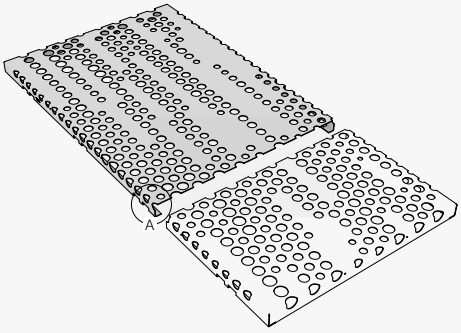
Vapor® Exterior panels are offered in four standard sizes. Select your preferred design in either: 2'x4', 2'-6"x4', 2'x8', 2'-6"x8' sizes.

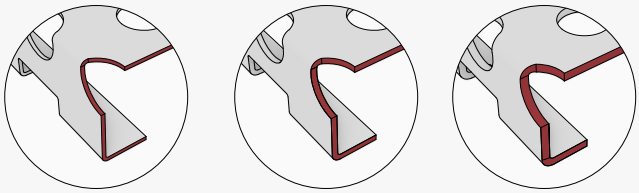
* For larger sizes, please contact your local rep.



Panel Thickness

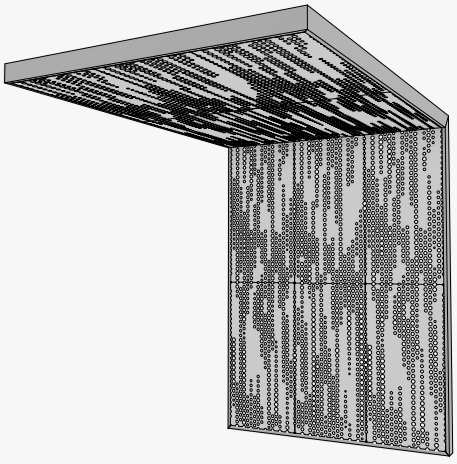
Details are to show panel thickness, actual panels will have a slight radius around the perimeter.





Flexible Across Walls & Ceilings, Interior to Exterior

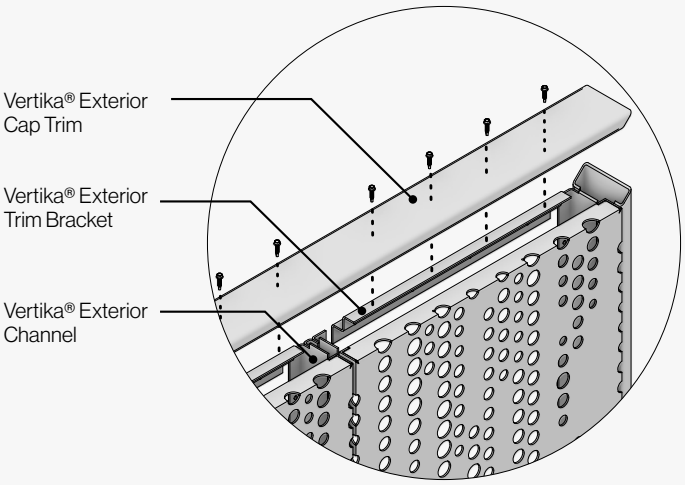
Vapor® Exterior panels work equally well across walls or ceilings, allowing for seamless continuity of imagery and pattern across transition points.

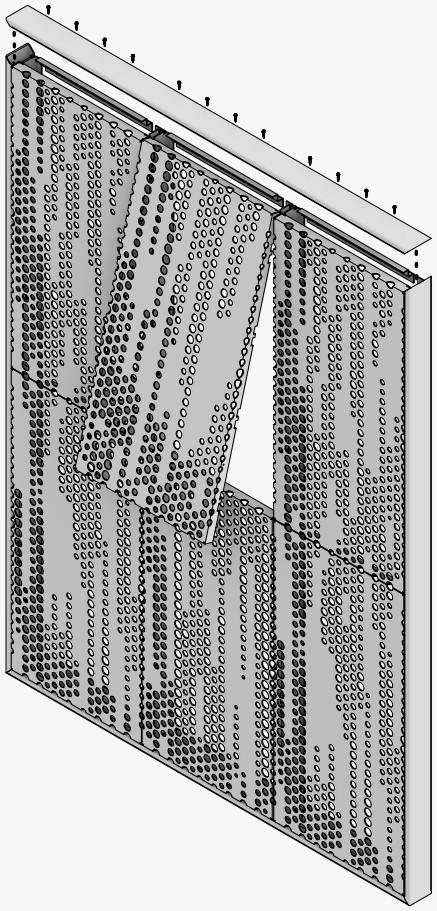


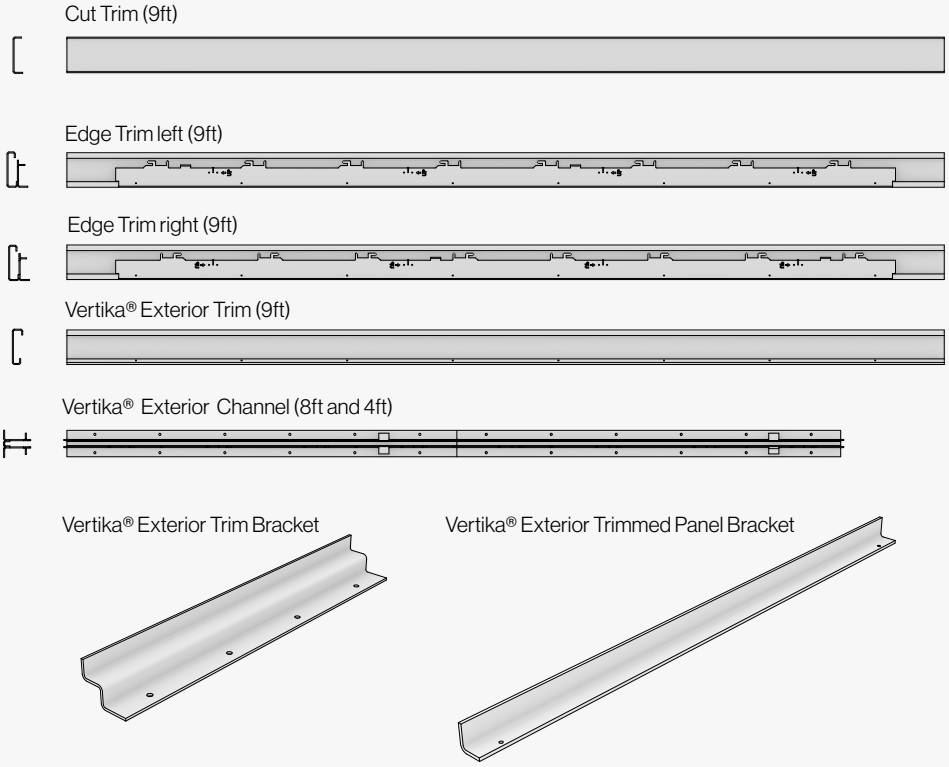
1 Understanding the System

Attachment Method - Vertika® (Wall)

Vertika® builds trim directly into its support system, sharing elements whether installing vertically or horizontally.







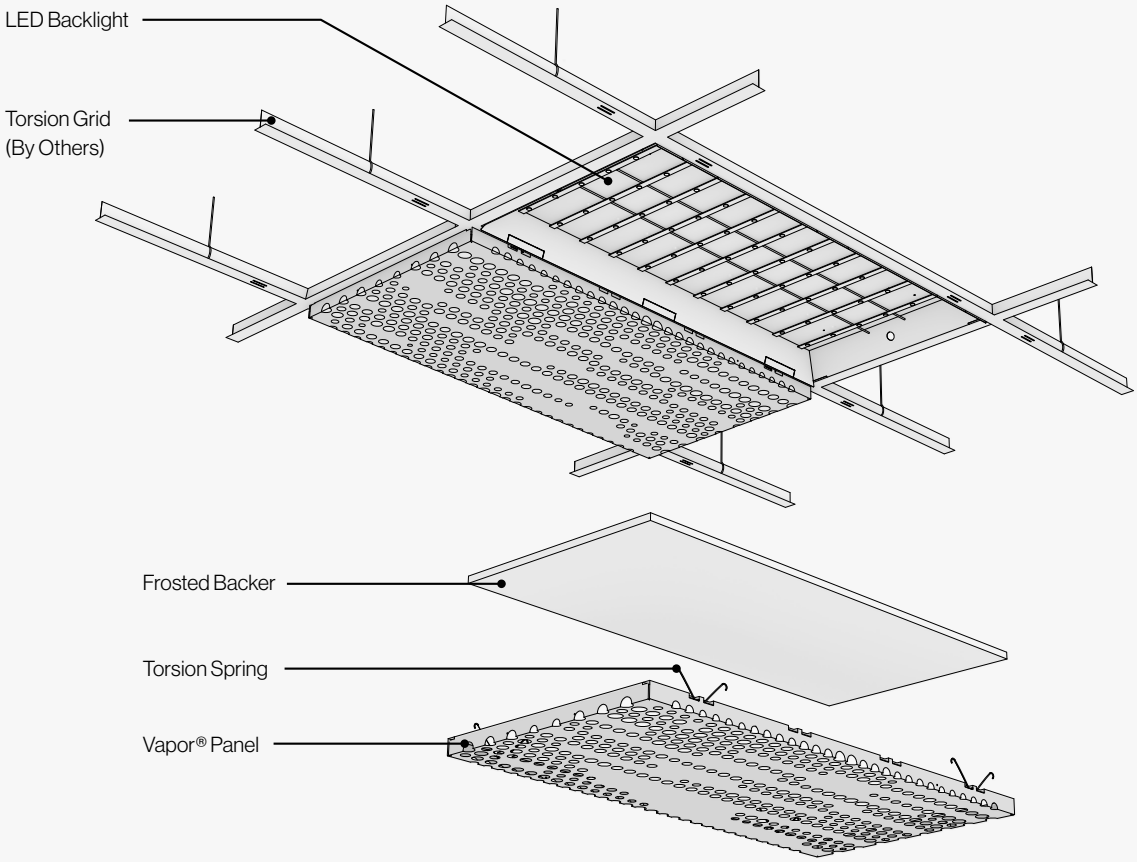
Vertika® Exterior Trim Bracket

Vertika® Exterior Trimmed Panel Bracket

1 Understanding the System

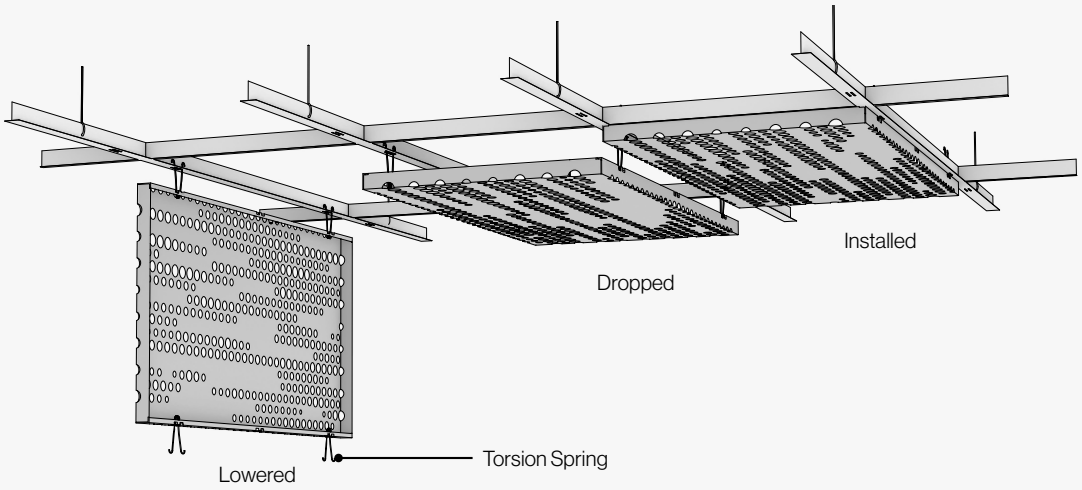
Attachment Method - T-Grid (Ceiling)

- Frosted light diffusing backer
- Backlight



Attachment System - Ceiling

Torsion Spring clips allow for rapid install and easy access for maintenance above the grid post install.



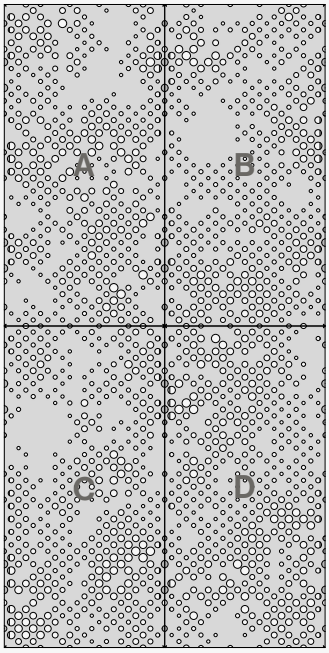
1 Understanding the System

Vapor® Cumula

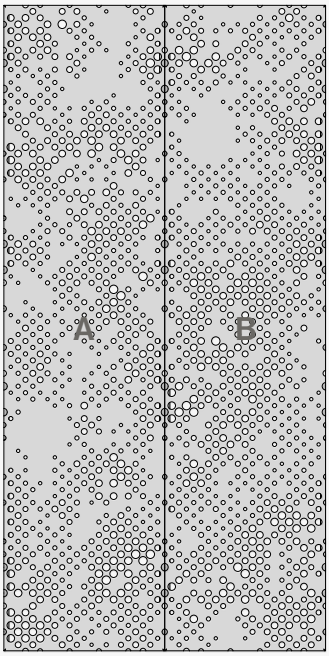
The pattern surface is created using 4 unique tiles in a specific arrangement that minimizes visual repetition across your space.

Panel Configuration, Wall or Ceiling

2’ x 4’

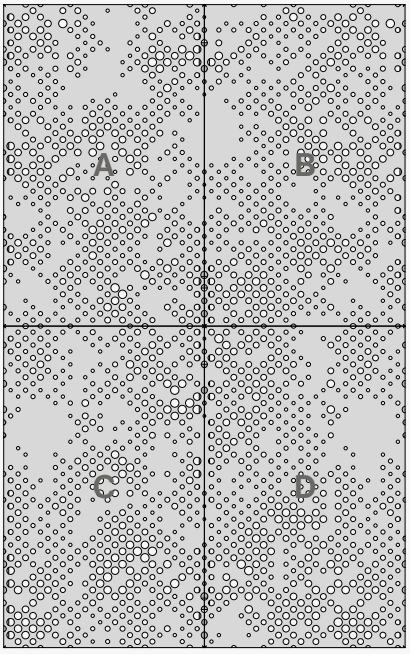


2’ x 8’



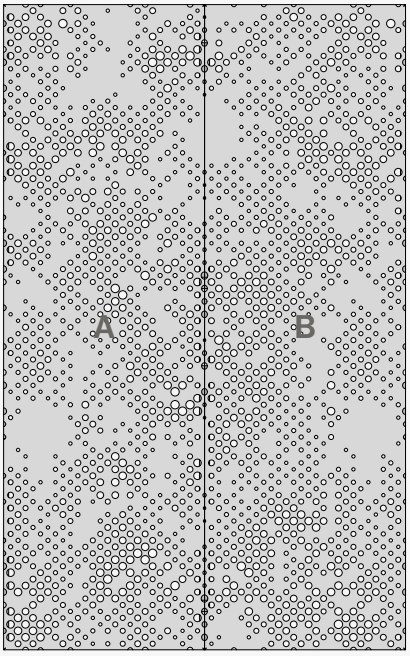
2’ x 8’
Panel A: 18% Open
Panel B: 18% Open

2’-6” x 4’



2’-6” x 4’
Panel A: 17% Open
Panel B: 16% Open
Panel C: 18% Open
Panel D: 18% Open

2’-6” x 8’



2’-6” x 8’
Panel A: 17% Open
Panel B: 17% Open

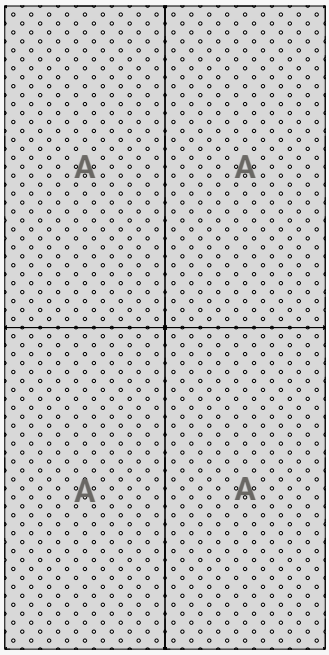
1 Understanding the System

Vapor® Element 605

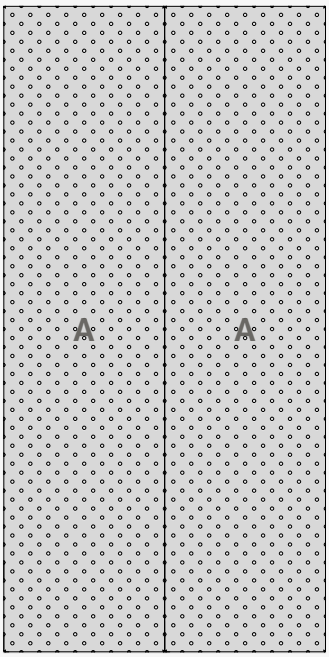
The pattern surface is created by seamlessly tiling across your space.

Panel Configuration, Wall or Ceiling

2’ x 4’



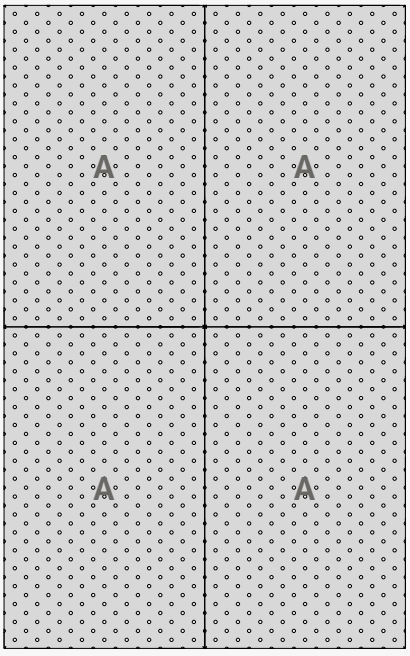
2’ x 8’



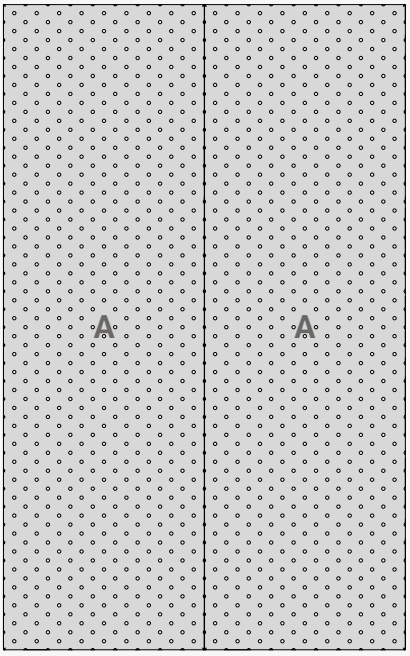
2’ x 4’
Panel A: 6% Open

2’ x 8’
Panel A: 6% Open

2’-6” x 4’



2’-6” x 8’



2’-6” x 4’
Panel A: 5% Open

2’-6” x 8’
Panel A: 5% Open

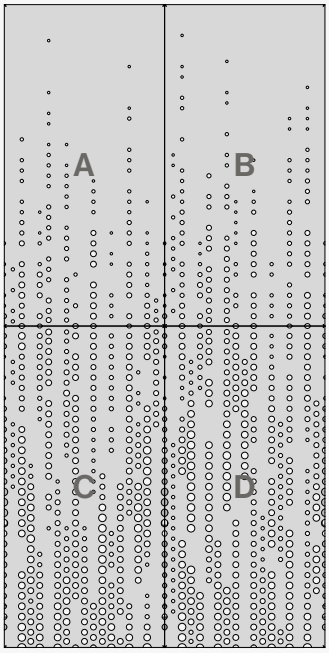
1 Understanding the System

Vapor® Frequency

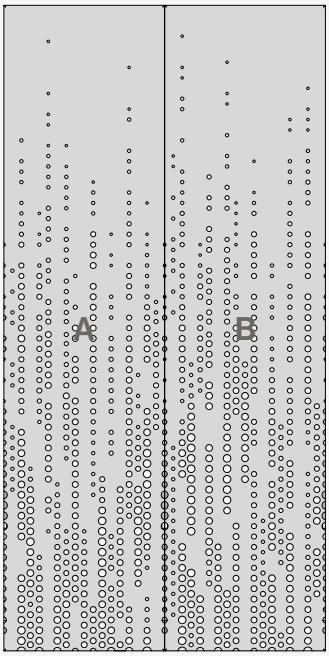
The pattern surface is created using 4 unique tiles in a specific arrangement that minimizes visual repetition across your space. Vapor® Frequency is also compatible with Vapor® Trail, expanding your design options.

Panel Configuration, Wall or Ceiling

2’ x 4’



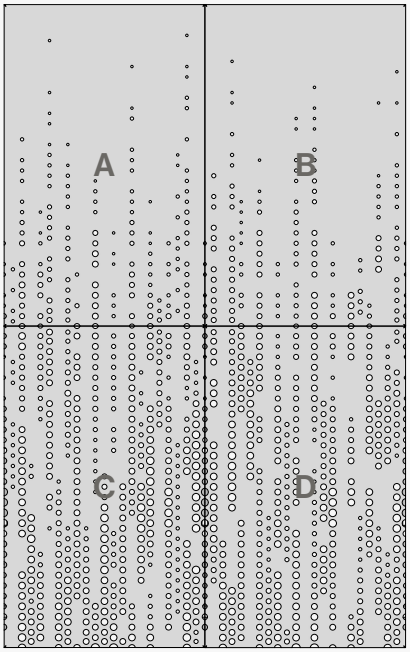
2’ x 8’



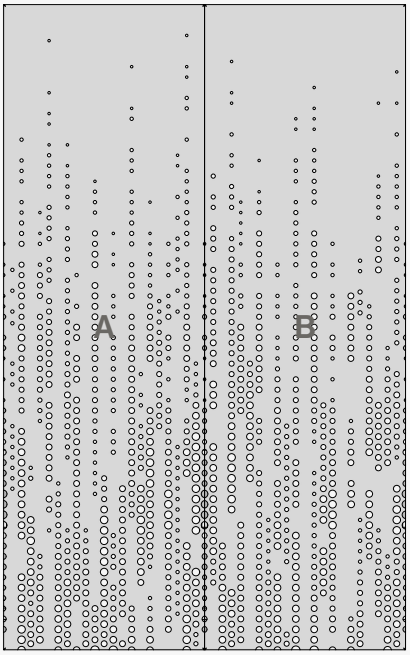
2’ x 4’
Panel A: 4% Open
Panel B: 4% Open
Panel C: 17% Open
Panel D: 18% Open

2’ x 8’
Panel A: 10% Open
Panel B: 11% Open

2’-6” x 4’



2’-6” x 8’



2’-6” x 4’
Panel A: 4% Open
Panel B: 4% Open
Panel C: 17% Open
Panel D: 17% Open

2’-6” x 8’
Panel A: 10% Open
Panel B: 10% Open

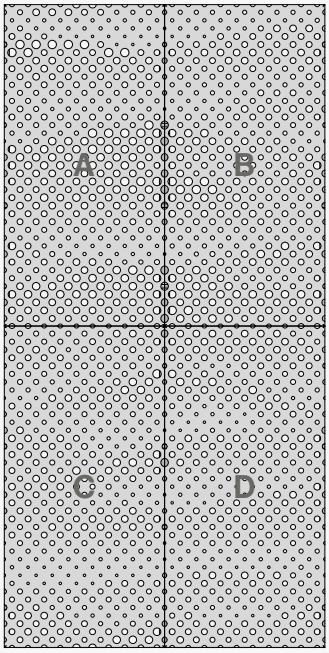
1 Understanding the System

Vapor® Sky

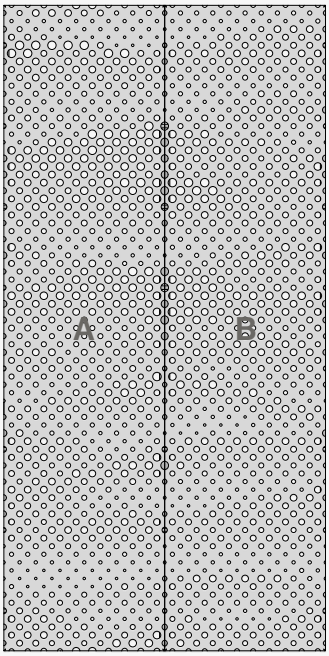
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Panel Configuration, Wall or Ceiling

2’ x 4’



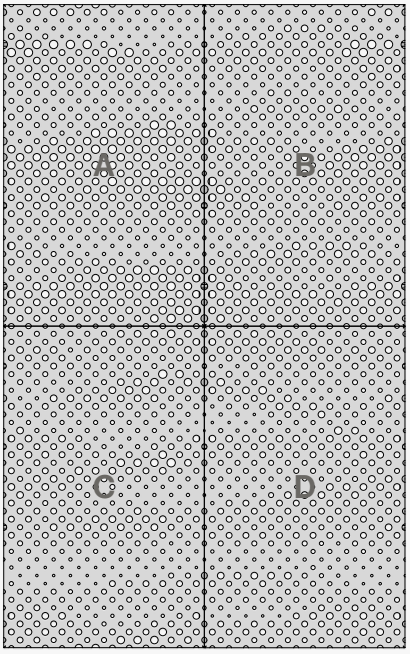
2’ x 8’



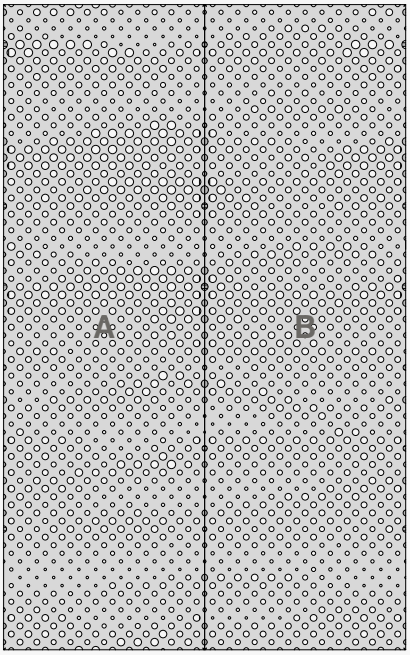
2’ x 4’
Panel A: 23% Open
Panel B: 21% Open
Panel C: 18% Open
Panel D: 17% Open

2’ x 8’
Panel A: 20% Open
Panel B: 19% Open

2’-6” x 4’



2’-6” x 8’



2’-6” x 4’
Panel A: 22% Open
Panel B: 21% Open
Panel C: 17% Open
Panel D: 17% Open

2’-6” x 8’
Panel A: 20% Open
Panel B: 19% Open

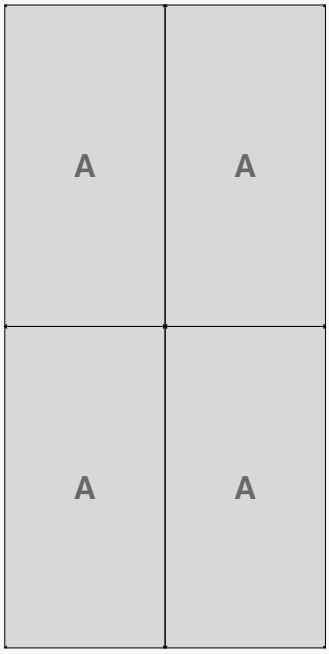
1 Understanding the System

Vapor® Solid

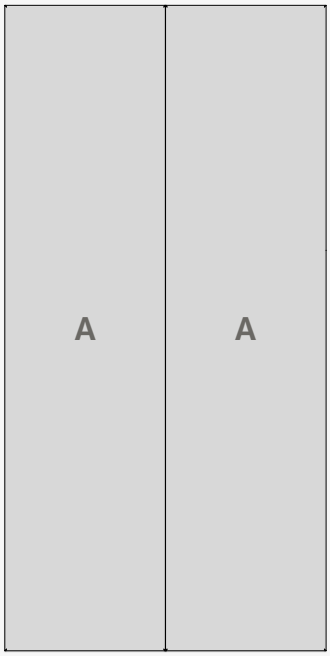
The pattern surface is created by seamlessly tiling across your space.

Panel Configuration, Wall or Ceiling

2’ x 4’

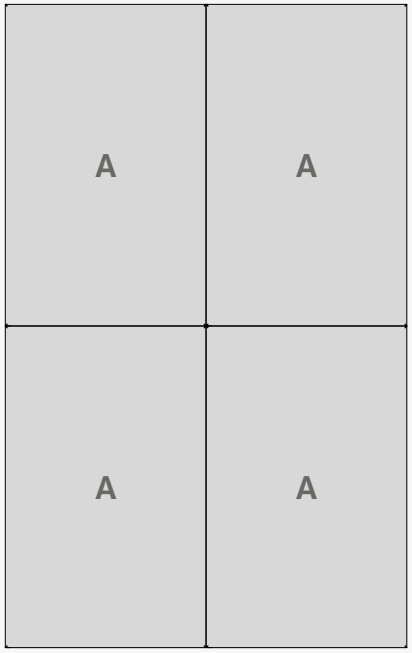


2’ x 8’

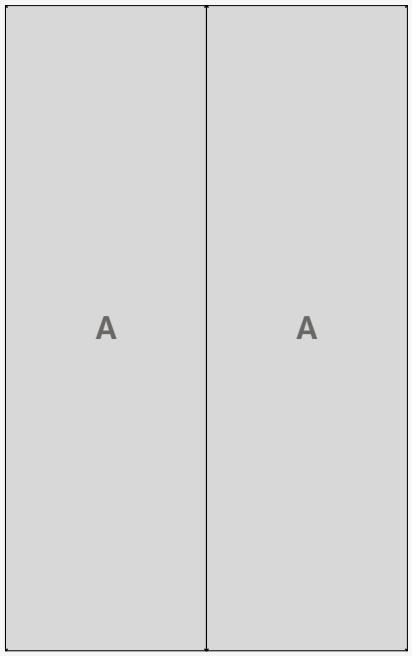


Panel A: 0% Open

2’-6” x 4’



2’-6” x 8’



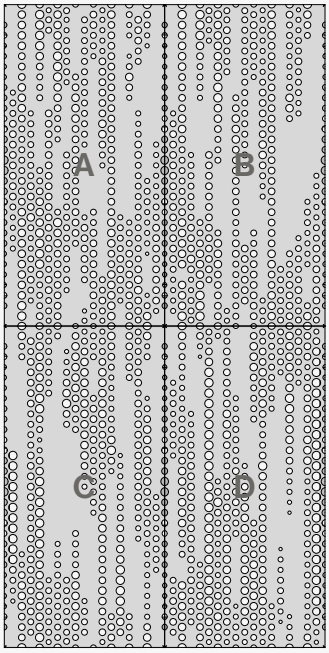
1 Understanding the System

Vapor® Trail

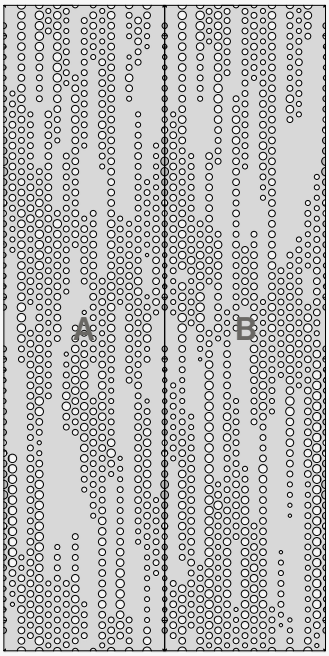
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Panel Configuration, Wall or Ceiling

2’ x 4’



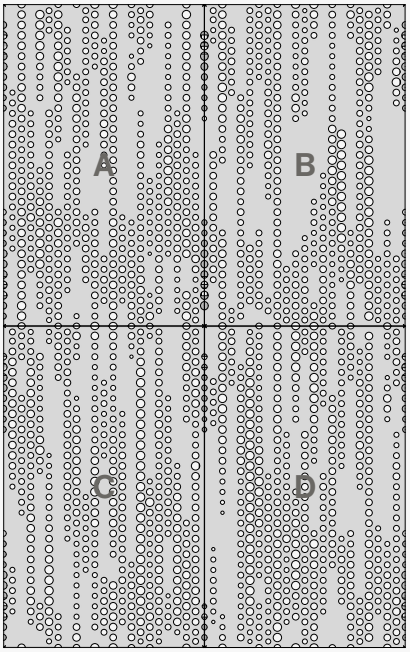
2’ x 8’



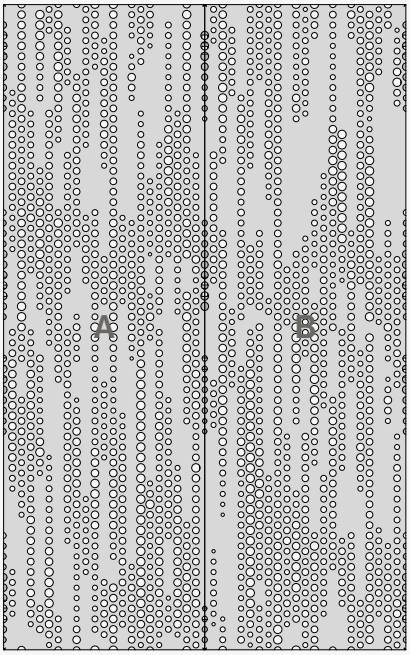
2’ x 4’
Panel A: 25% Open
Panel B: 23% Open
Panel C: 23% Open
Panel D: 27% Open

2’ x 8’
Panel A: 24% Open
Panel B: 25% Open

2’-6” x 4’



2’-6” x 8’



2’-6” x 4’
Panel A: 24% Open
Panel B: 22% Open
Panel C: 25% Open
Panel D: 25% Open

2’-6” x 8’
Panel A: 24% Open
Panel B: 23% Open

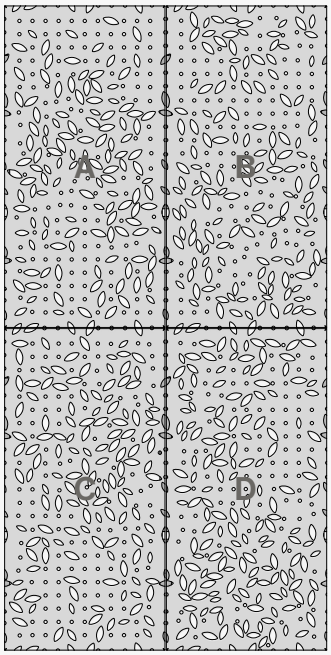
1 Understanding the System

Vapor® Bloom

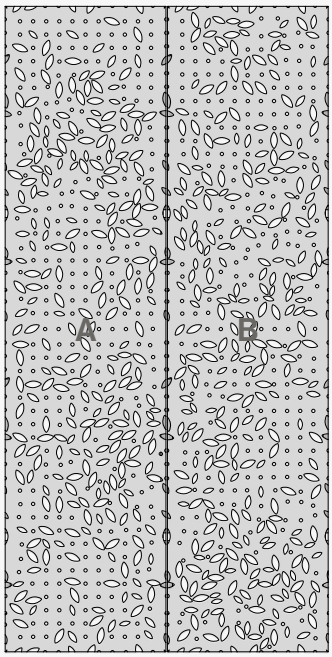
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Panel Configuration, Wall or Ceiling

2’ x 4’



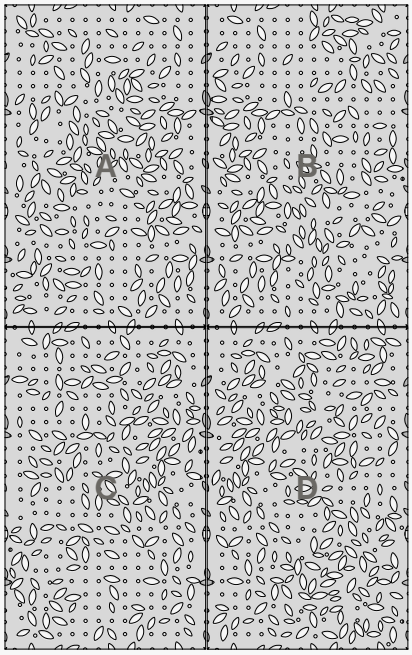
2’ x 8’



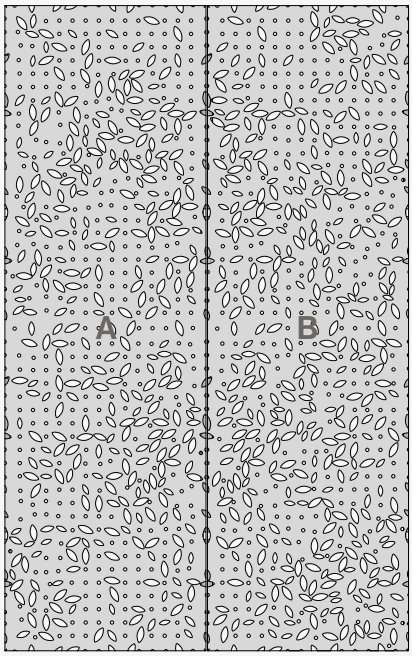
2’ x 4’
Panel A: 19% Open
Panel B: 19% Open
Panel C: 20% Open
Panel D: 21% Open

2’ x 8’
Panel A: 19% Open
Panel B: 20% Open

2’-6” x 4’



2’-6” x 8’



2’-6” x 4’
Panel A: 19% Open
Panel B: 19% Open
Panel C: 19% Open
Panel D: 22% Open

2’-6” x 8’
Panel A: 19% Open
Panel B: 21% Open

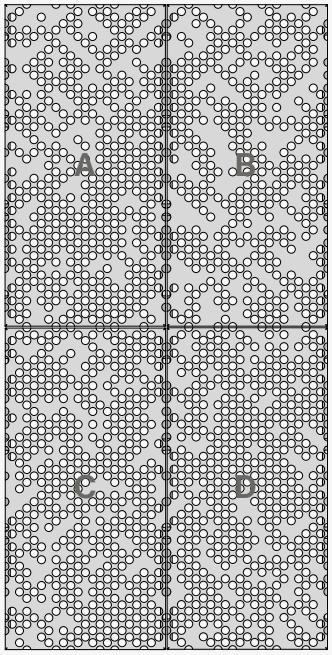
1 Understanding the System

Vapor® Cluster Dense

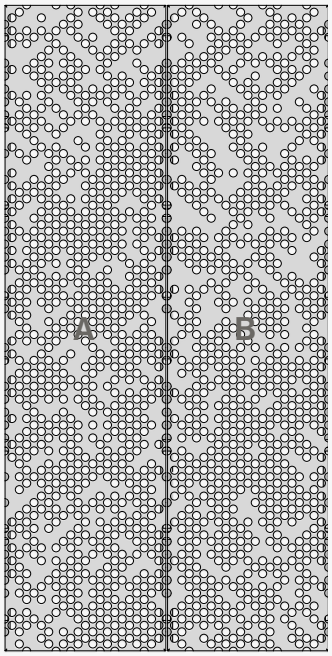
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Panel Configuration, Wall or Ceiling

2’ x 4’

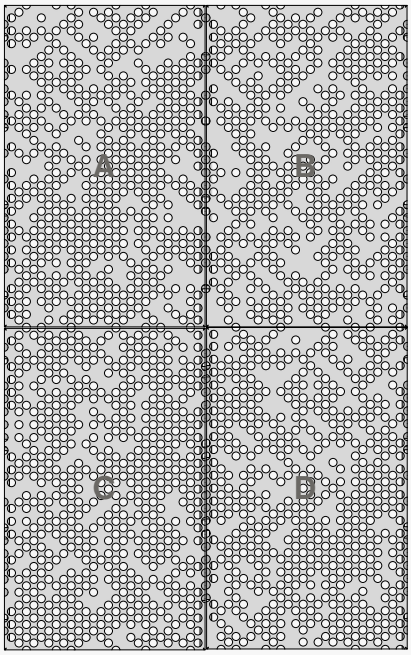


2’ x 8’



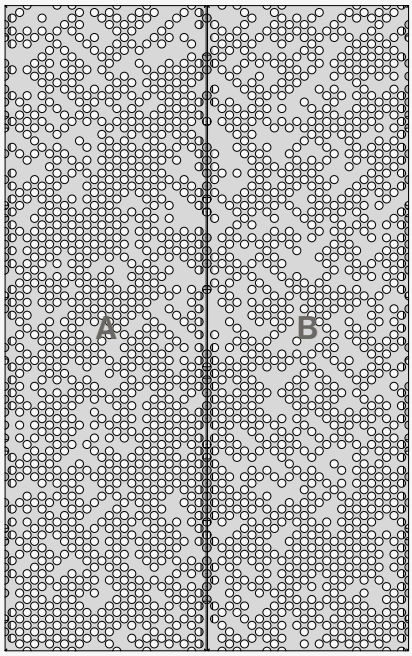
2’ x 8’
Panel A: 41% Open
Panel B: 39% Open

2’-6” x 4’



2’-6” x 4’
Panel A: 39% Open
Panel B: 37% Open
Panel C: 43% Open
Panel D: 40% Open

2’-6” x 8’



2’-6” x 8’
Panel A: 41% Open
Panel B: 38% Open

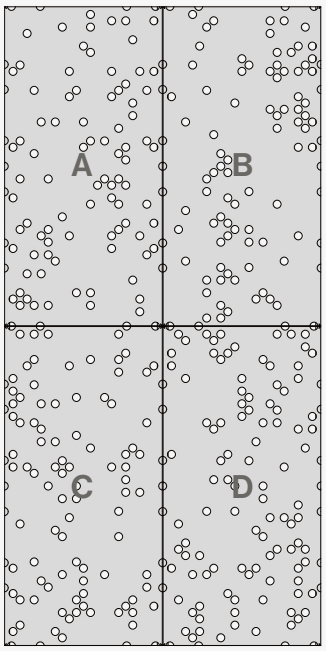
1 Understanding the System

Vapor® Cluster Sparse

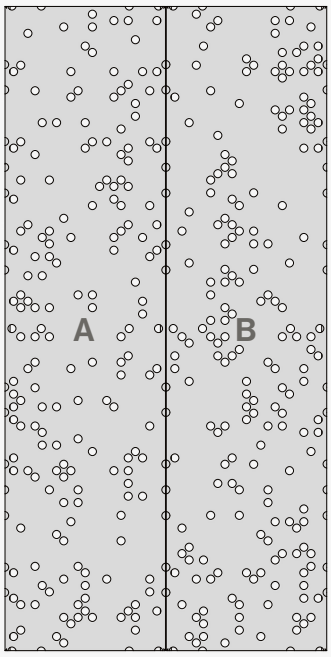
The pattern surface is created using 4 unique tiles in a specific arrangement that minimizes visual repetition across your space.

Panel Configuration, Wall or Ceiling

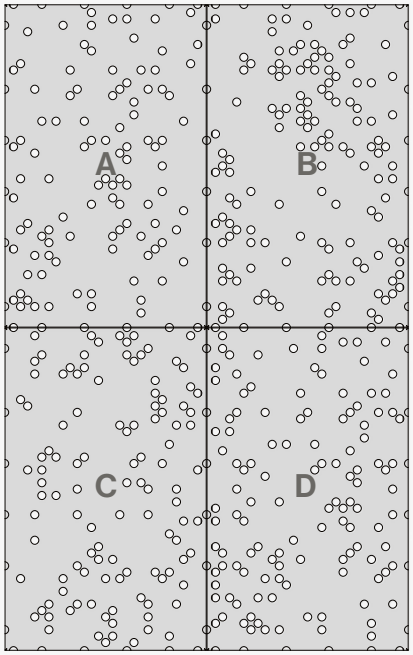
2’ x 4’



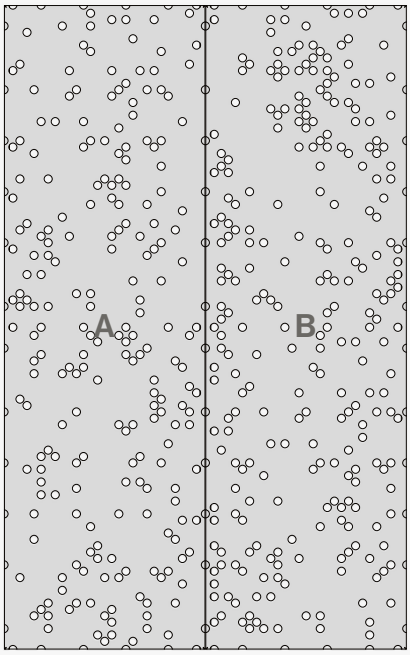
2’ x 8’



2’-6” x 4’



2’-6” x 8’



2’ x 4’
Panel A: 10% Open
Panel B: 10% Open
Panel C: 10% Open
Panel D: 12% Open

2’ x 8’
Panel A: 10% Open
Panel B: 11% Open

2’-6” x 4’
Panel A: 9% Open
Panel B: 12% Open
Panel C: 10% Open
Panel D: 11% Open

2’-6” x 8’
Panel A: 10% Open
Panel B: 11% Open

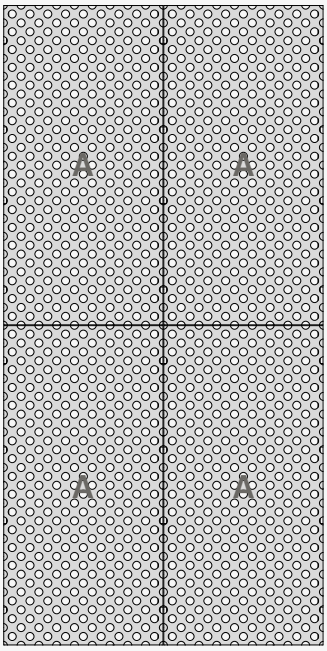
1 Understanding the System

Vapor® Element 3212

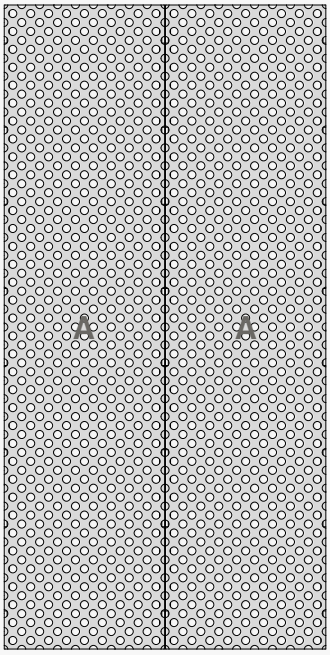
The pattern surface is created using 4 unique tiles in a specific arrangement that minimizes visual repetition across your space.

Panel Configuration, Wall or Ceiling

2’ x 4’



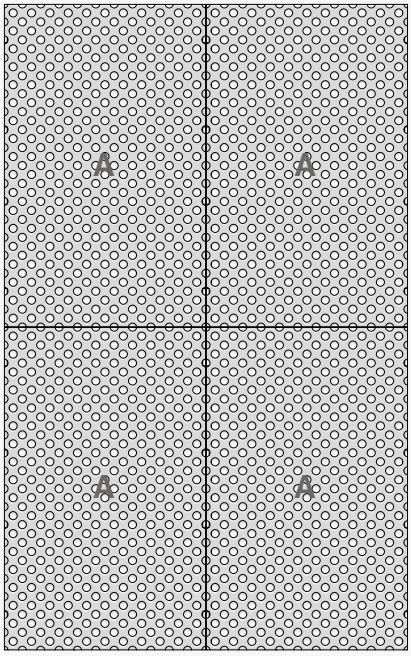
2’ x 8’



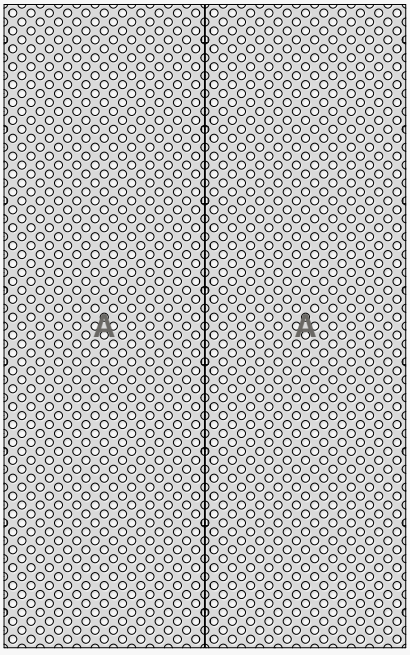
2’ x 4’
Panel A: 32% Open

2’ x 8’
Panel A: 32% Open

2’-6” x 4’



2’-6” x 8’



2’-6” x 4’
Panel A: 31% Open

2’-6” x 8’
Panel A: 31% Open

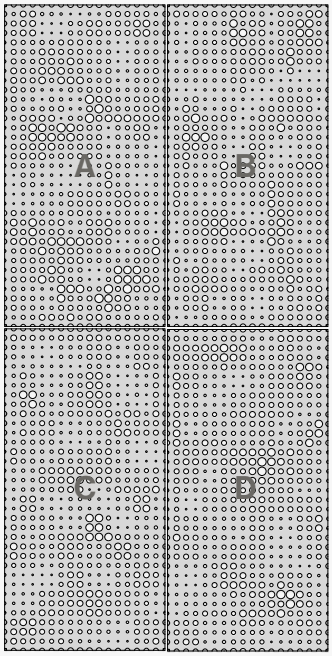
1 Understanding the System

Vapor® Pixel

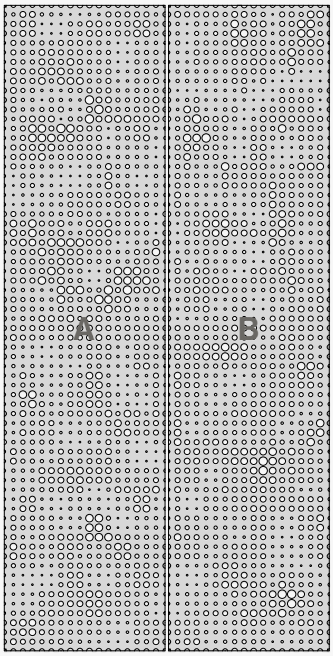
The pattern surface is created using 4 unique tiles in a specific arrangement that minimizes visual repetition across your space.

Panel Configuration, Wall or Ceiling

2’ x 4’



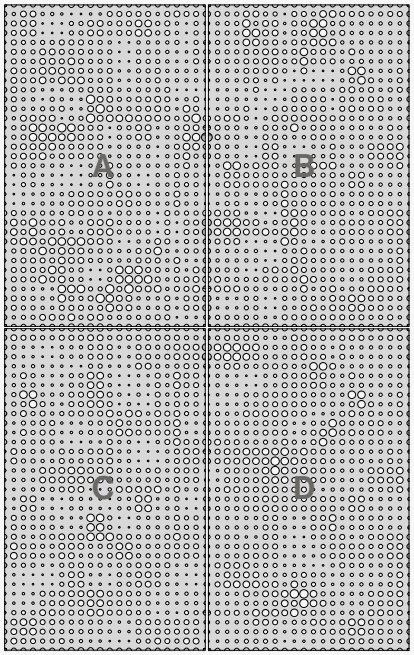
2’ x 8’



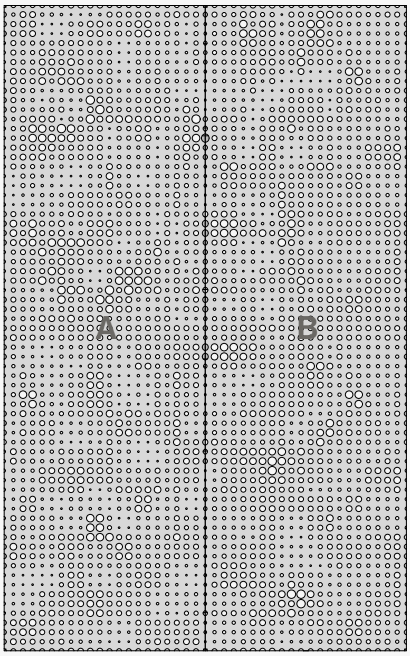
2’ x 4’
Panel A: 21% Open
Panel B: 19% Open
Panel C: 18% Open
Panel D: 20% Open

2’ x 8’
Panel A: 19% Open
Panel B: 19% Open

2’-6” x 4’



2’-6” x 8’



2’-6” x 4’
Panel A: 20% Open
Panel B: 19% Open
Panel C: 18% Open
Panel D: 19% Open

2’-6” x 8’
Panel A: 19% Open
Panel B: 19% Open

2

Case Studies: Elmer Knopf Learning Center

A Shining, Welcoming Entryway

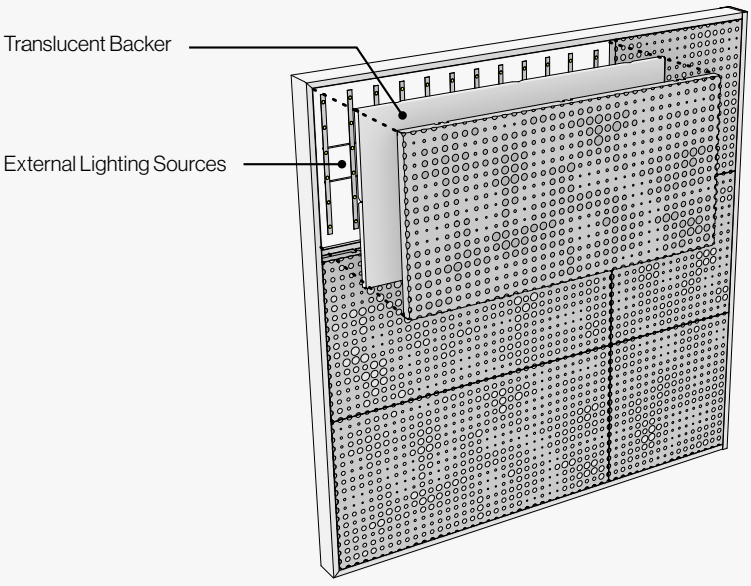
Crafting the perfect exterior canopy for the Elmer A. Knopf Learning Center in Flint, MI, was no small feat. The project had to strike the right balance between a striking aesthetic focal point and something warm, inviting visual for the student body. This learning center is a keystone in their community, facilitating a nurturing and fostering site for about 300 students with autism spectrum disorder and moderate cognitive impairments.



Arktura worked in tandem with architect firm Stantec to propose the illuminated entrance for the Genesee ISD – Elmer A. Knopf Learning Center; Signs by Crannie installed this project. Over 60 Vapor® Pixel panels were used in the overall design, paired with brilliant Arktura Backlighting to cast a dazzling lighting effect on visitors, students, and staff.

The results spotlight an array of Vapor's technologically inspired pattern, Pixel, complete with its circular perforated design. The continuous pattern achieves uninterrupted aesthetics across all panels. Circular cutouts of varying sizes create a dramatic impact both day and night.





The overall design inspires and empowers students as they enter their community.

2

Case Studies: Quinnipac University

Brightening Spaces with Illuminated Canopies

An illuminated canopy can be a game-changer for any commercial space, including this higher education campus. This shining display creates a striking visual curb appeal and provides students, educators, and visitors alike with a bright and welcoming environment. This project features the linear design of Vapor® Frequency panels paired with optional Backlighting.



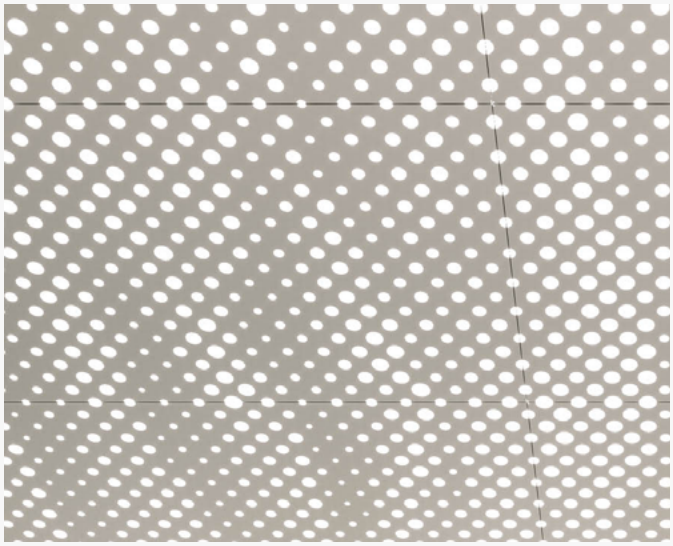
A Welcoming Admissions Center
Arktura partnered with architects Amenta|Emma to create a bright and visually distinct focal feature for Quinnipiac University in Hamden, CT.
Additionally, this canopy enhances the safety and security of campus by providing enhanced visibility at night.



Design moves seamlessly from interior to exterior spaces.

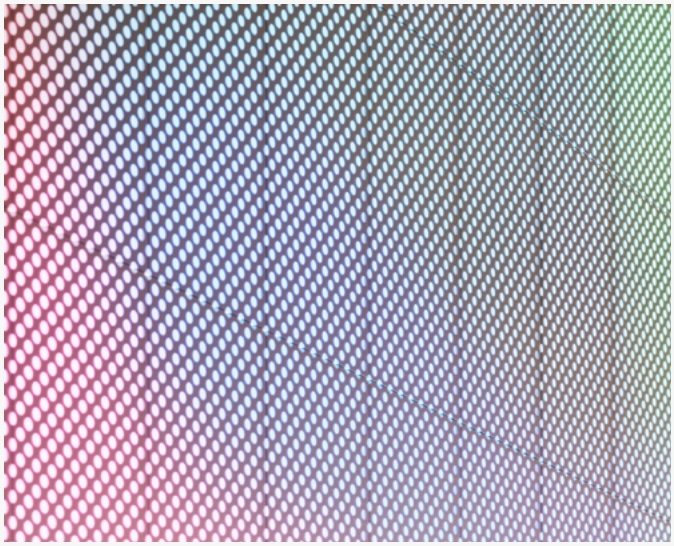
3 Available Accessories

Lighting



Backlighting

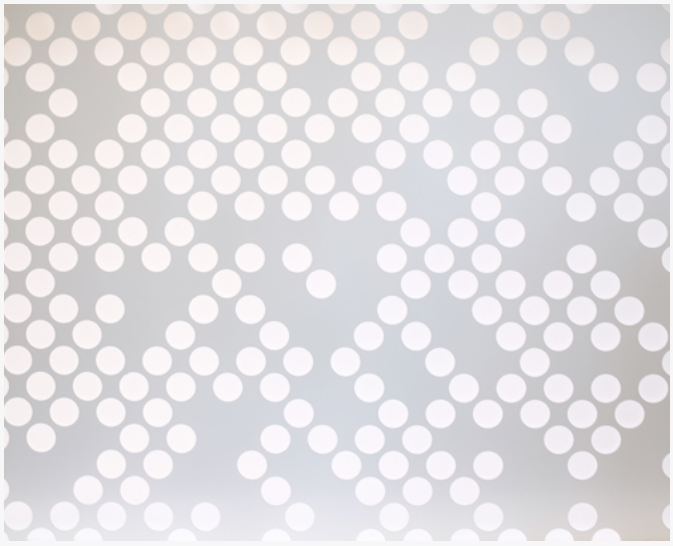
Arktura Backlighting allows you to fully illuminate your ceiling and wall panel installs, creating beautiful evenly lit surfaces. These fixtures are available in high and low output versions, both dimmable.



RGBW Backlight

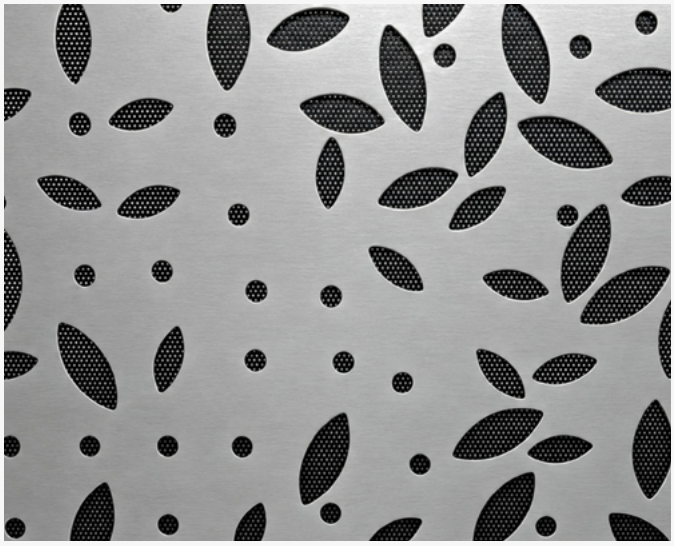
Arktura offers RGBW Backlighting that can be tailored to your design vision, with available programmatic animation, to bring your project to life.

Backers



Translucent Backer

Our proprietary light diffusing backers are paired with the Backlighting to create a functional or decorative lighting effect in any space.



Mesh Backer

Use available mesh backers to create another layer of depth while further masking substructures.

4 Available Finishes

Aluminum Panel Color

Powder Coat
Standard
Finish



Available in:

- ● **AAMA 2604** Color
- ●● **AAMA 2604** or **2605** Color

(+) Non stock, fee **upcharge**

* This color was designed to pair with Armstrong color "WH" grid and trim.

4 Available Finishes

Aluminum Panel Color

Powder Coat
Standard
Finish

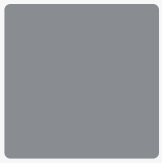

Jet Black (Matte) ●●


Midnight ●●


Shadow ●●


Basalt ●●


Silver Metallic (Semi Gloss) ●●


Steel Gray ●●

T-Grid White* (Matte) ●●

Brilliant White (+) (Gloss) ●

Arktura White (Matte) ●●

Powder Coat
Premium
Metallic Finish


Burnished Bronze (Semi Gloss) ●●


Sun Kissed Bronze ●


Chilled Champagne (Semi Gloss) ●●

Custom Powder Colors

We offer premium non-stock RAL and custom color match options as well. Contact your sales rep for more information.


Non-stock Metallic


Non-stock RAL

Optional Backers

Translucent Backer

Polycarbonate
Available in interior and UV stable exterior options.

Frosted

Mesh Backer

Aluminum
Available in select finishes.


Mesh

Available in:
- ● **AAMA 2604** Color
- ●● **AAMA 2604** or **2605** Color

(+) Non stock, fee **upcharge**

* This color was designed to pair with Armstrong color "WH" grid and trim.

5 Product Specifications

System Specs

Panel Size (WxHxD)	2'x4'x1½"	2'x8'x1½"
	2'-6"x4'x1½"	2'-6"x8'x1½"
Panel Thickness	.06", .09", .125"	
Material	Aluminum	
Openness	Varies by design	
Ceiling Attachment	Torsion Spring to T-Grid	
Wall Attachment Exterior	Vertika® Wall (Refer to Vertika® Brochure)	
Accessibility	Torsion Spring Hinge (Ceiling) ; Lift-Off Hook (Wall)	
Optional Accessories	Translucent Backer, Mesh Backer, Backlight, RGBW Backlight	

* For custom panel sizes please contact your local rep.

Wall Panels to Vertika®

Panel Width	**48-96" Panel Length**		
	.06"	**.09"**	**.125"**
24"	10 PSF	26 PSF	60 PSF
30"	7 PSF	20 PSF	45 PSF

Soffit Panels to T-Grid

Panel Width	**48-96" Panel Length**		
	.06"	**.09"**	**.125"**
24"	8 PSF	27 PSF	33 PSF
30"	6 PSF	17 PSF	23 PSF

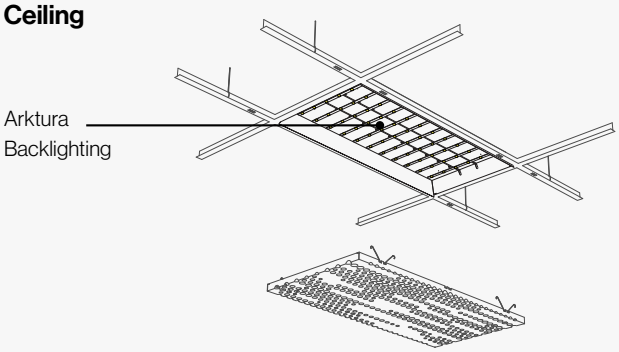
These results are for all panels with an openness of less than 30%. Specific perforation patterns may be able to withstand higher loads.

This product may be the subject of one or more patents or pending patent applications.
See **www.arktura.com/intellectual-property** for related patent information.
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Arktura Backlighting Specs

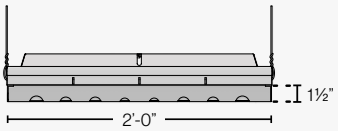
Available in dimmable low and high output variations, gives you the power to illuminate spaces and create dynamic visual effects.

Ceiling

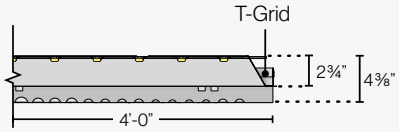


Sections - Ceiling

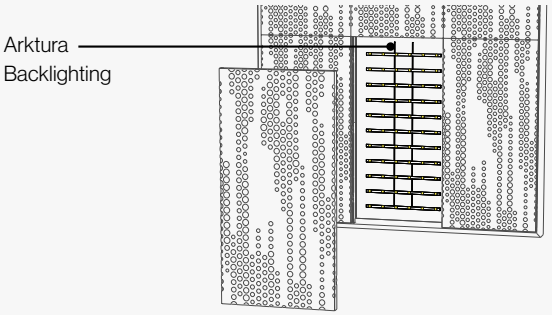
Front view



Side view

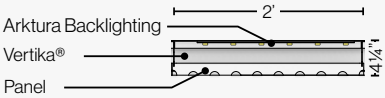


Vertika® Wall

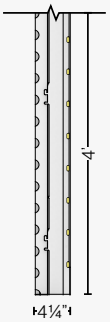


Sections - Wall

Top view



Side view

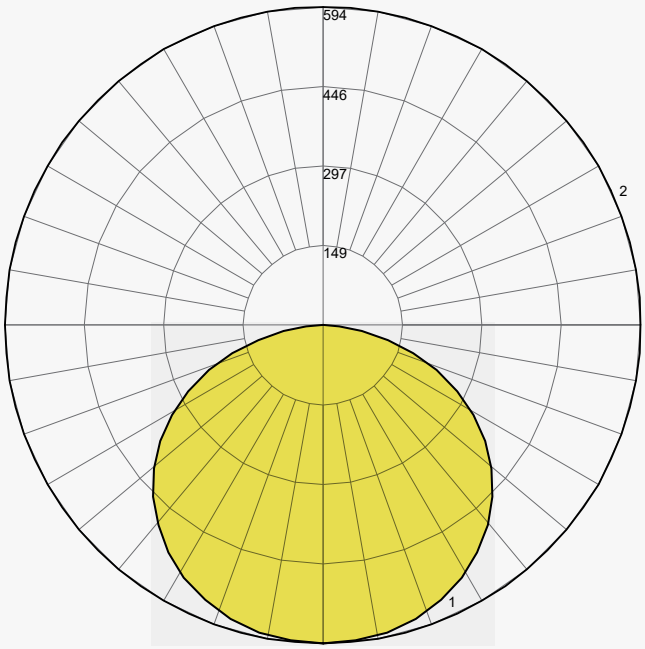


Specs

Product Features	Arktura Backlighting Eco 2x4 Panel	Arktura Backlighting 2x4 Panel
Power Consumption	18W 24VDC .75A	65W 24VDC 2.7A
Delivered Lumens	Please Reference Next Page for Specific Openness by Pattern	
CRI	90+	
Color Temperatures	3000K, 3500K, 4000K	
Size (LxWxD)	24"x48"x3 1/4"	
Optics/Beam Angle	160° Batwing Lens Per LED	
Operating Temperature	-20C - +50°C (-4F - +122°F)	
Dimming Options	TRIAC/Phase, ELV, MLV, 0-10V, 1-10V When Paired with Arktura LED Driver	
Emergency	50W Emergency Battery Kit AK-EB0001**	
Cable	Factory Installed Plenum Rated CL3P Cable, 16AWG 10ft Whip	
IP Rating	IP64	
Enviroment	Suitable for Wet, Damp or Dry locations	
Markings	ETL Listed, Complies with UL 2108 & CSA C22.2#250.13:2020 Ed.4+U1	
Lifetime	L70 - 50,000 hours	
Warranty	5 Years, Limited	

Photometric

Located At Horizontal Angle = 0, Vertical Angle = 0
 # 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)



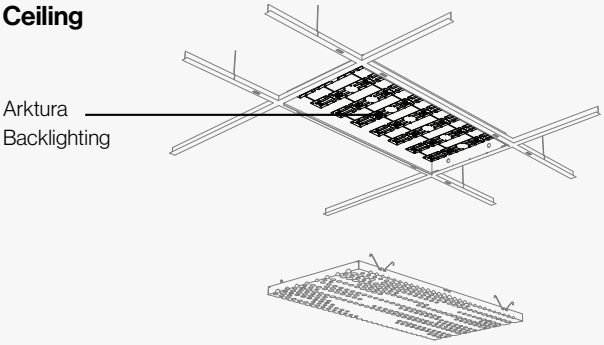
* Represents a 40 % Openness Pattern.
** Emergency battery kit sold separately.

ⓘ Illustrative images.
Patterns may not match the product.

Arktura RGBW Addressable Backlighting Specs

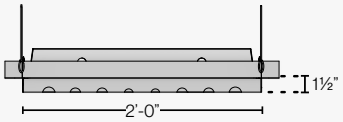
Addressable RGB LEDs deliver dynamic, colorful illumination alongside 3500K white LEDs, providing both vibrant effects and high-quality white light.

Ceiling

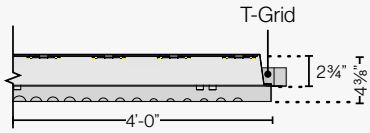


Sections - Ceiling

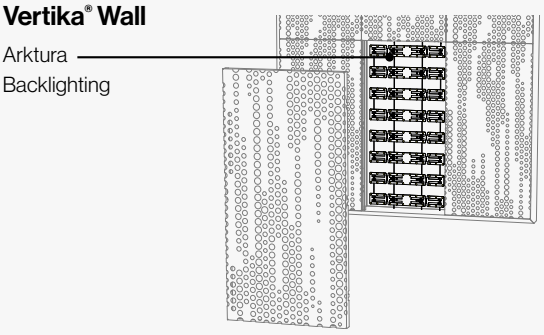
Front view



Side view

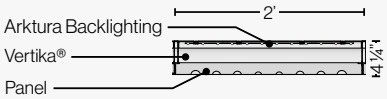


Vertika® Wall

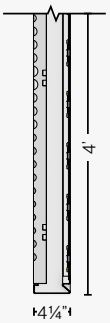


Sections - Wall

Top view



Side view



Specs

Product Features	Arktura RGBW Addressable Backlighting
Power Consumption	64W, 24V, 2.7A
Delivered Lumens	Please Reference Next Page for Specific Openness by Pattern
White Channel	24W, 3500K, CRI 90-94
Tuneable White Range*	3000K to 4200K, CRI 85+
RGB Power	52W MAX
Color Wavelength (nm)	R 620-625, G 520-525, B 465-470
Size (LxWxD)	24"x48"- 4 1/4"
Operating Temperature	-20°C 50°C (-4°F 122°F)
Cable	10' Factory Installed Plenum Rated Power Wires
Data	3' Plenum Rated Data Wire
IP Rating	IP64
Enviroment	Suitable for Wet, Damp or Dry locations
Markings	ETL Listed, Complies with UL 2108 & CSA C22.2#250.13:2020 Ed.4+U1
Warranty	5 Years, Limited
Resolution	8 X 4, 32 Nodes, 128 Channels (4 nodes per sqft)

* 3500K White LED + Color LED

ⓘ Illustrative images. Patterns may not match the product.