



A R K T U R A

# Vapor<sup>®</sup> Element

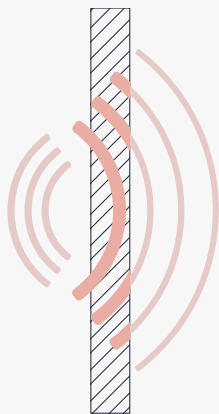


---

Ceiling & Wall **Panels**

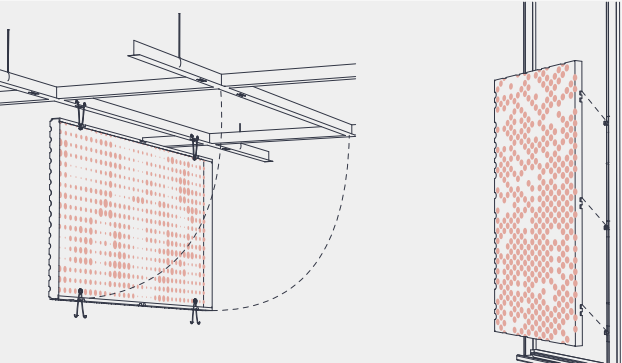
# Our Key Features

Element powder-coated aluminum torsion spring panels take the standard grid and enhance it with elegant minimalism. With equal-sized circular holes evenly spaced on each panel, your design gets a feeling of consistency and cohesion. And thanks to our ability to customize, you can have the holes cut to any size and spacing needed to fit your design. Pair with our integrated backlighting for an illuminated look or with our Soft Sound® backer for acoustic benefits.



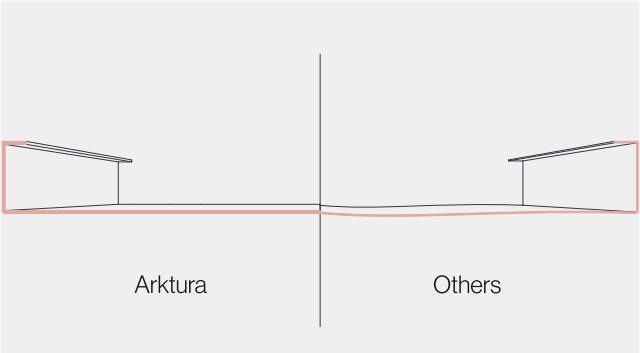
## Reduce Noise & Enhance Acoustics

Vapor®’s optional Soft Sound® backer material reduces the impact of noise from everyday annoyances like ringing, typing, and chatter resulting in a more pleasant and productive environment. The Soft Sound® backer works in concert with the design to help reduce and control reverberations leaving a lasting impression at scales ranging from assembly halls to conference rooms.



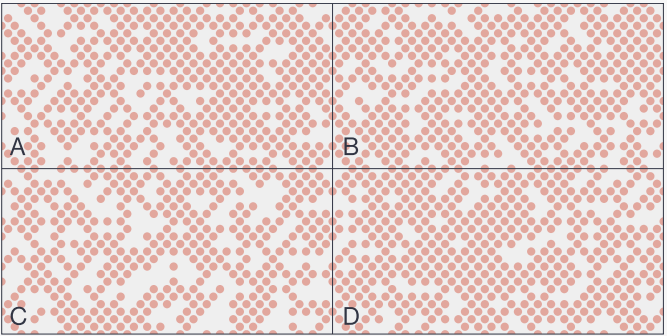
## Easy Installation & Access

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



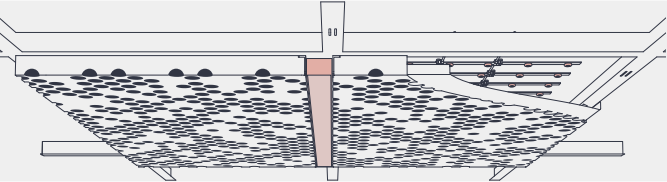
## Superior Flatness & Strength

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.



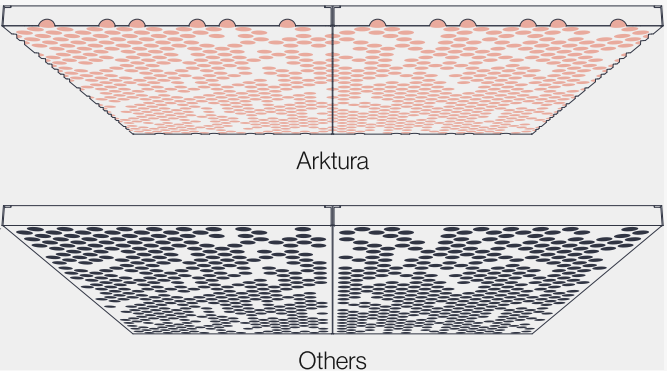
## Preconfigured Solutions

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.



## Integrated Lighting Options

Arktura’s Vapor® line makes it easy to seamlessly add illumination and lighting effects to your projects, through available integrated InLine and Backlighting options.



## 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.



# Inspiration



**Illuminate Your Space with Arktura Backlighting**



**Seamlessly Scalable to Fit Any Size Project**



**Create Dynamic Wall to Ceiling Transitions**

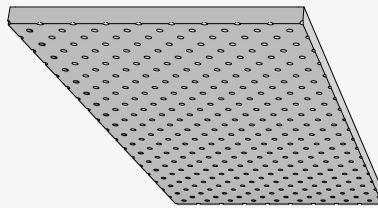
# Overview

- 1 Understanding the System
- 2 Optional Accessories
- 3 Available Finishes
- 4 Product Specifications

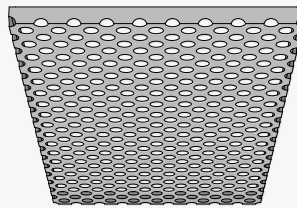
## 1 Understanding the System

### Standard Panel

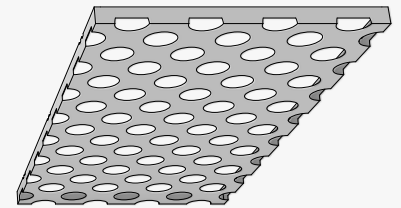
Vapor® is a modular accessible aluminum panel system designed to work with torsion grid. Customization is available.



**Vapor® Element 605**  
6% Open



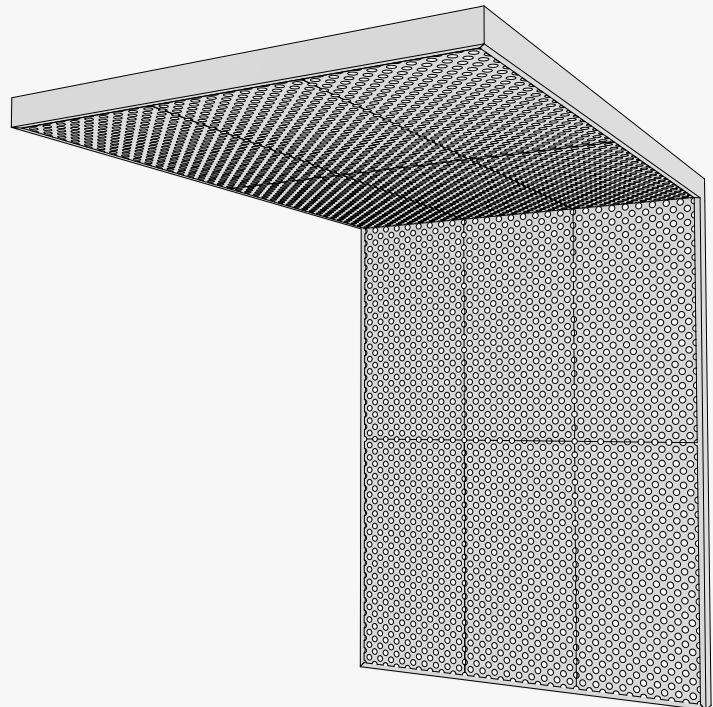
**Vapor® Element 3212**  
32% Open




**Vapor® Element 3428**  
34% Open

### Seamlessly Join Walls & Ceilings

Vapor® easily transitions from from one plane to another and around corners.



 Vapor® Element 605 shown.

 Vapor® Element is compatible with Vapor® Gradient



1 Understanding the System

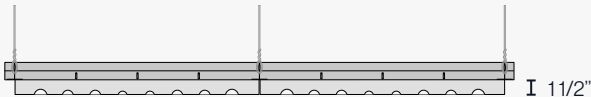
Understanding the Panel - Vapor® Element 605

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

Panel A: 6% Open

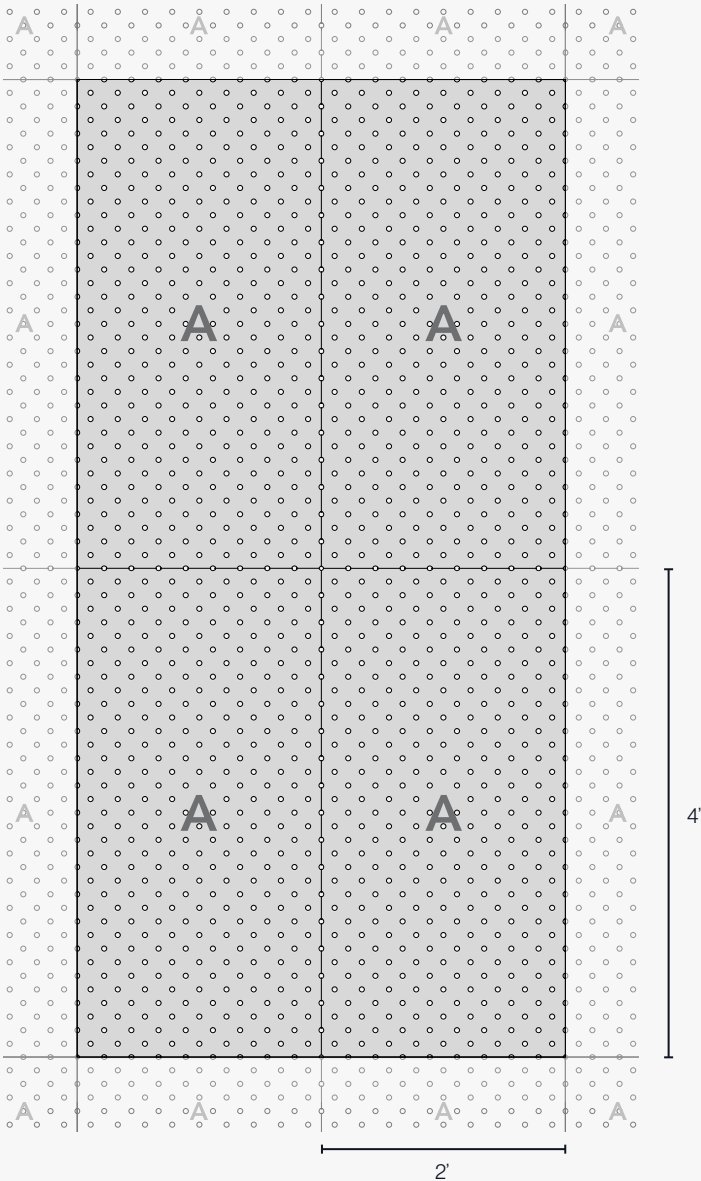
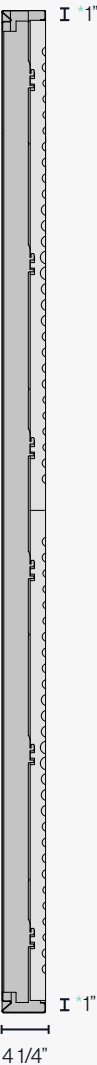
\* Vertika® Trim

Ceiling Section



Panel Configuration, Wall or Ceiling

Wall Section



! All dimensions nominal.

1 Understanding the System

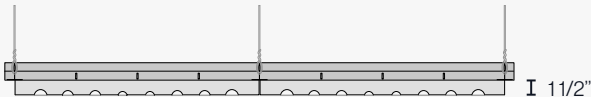
Understanding the Panel - Vapor® Element 3212

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

Panel A: 32% Open

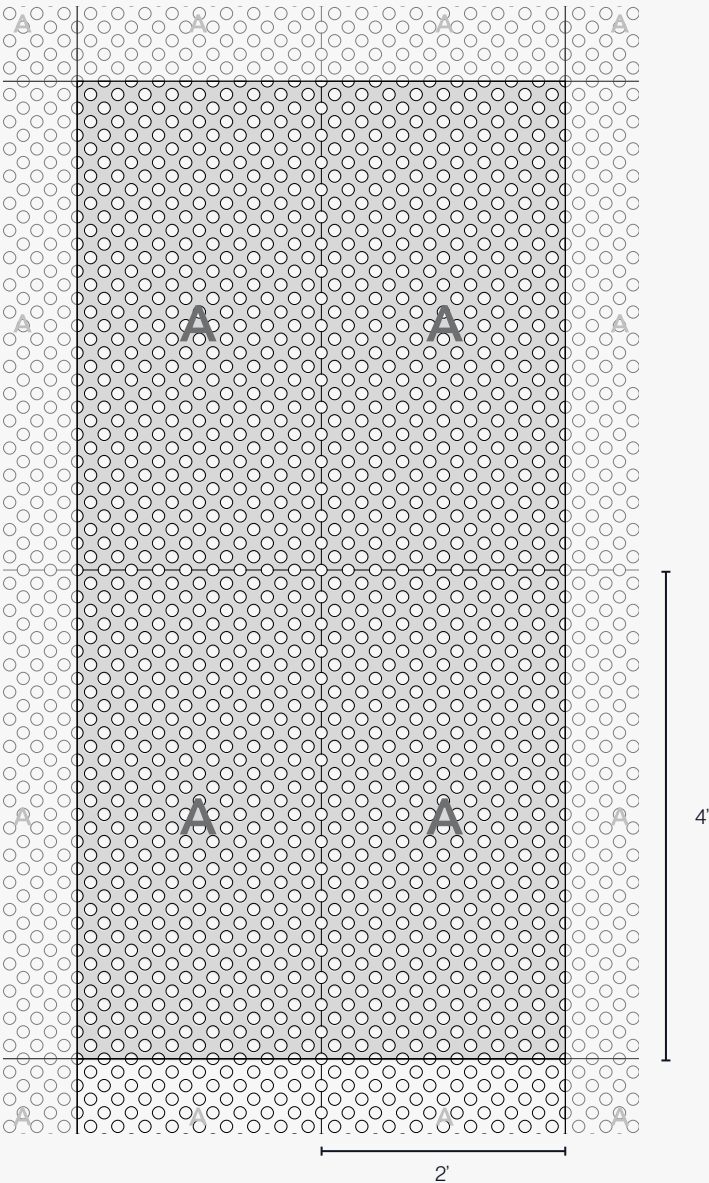
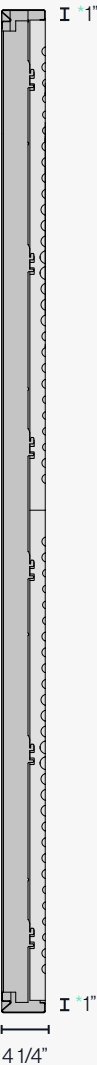
\* Vertika® Trim

Ceiling Section



Panel Configuration, Wall or Ceiling

Wall Section



! All dimensions nominal.

1 Understanding the System

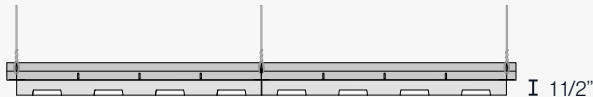
Understanding the Panel - Vapor® Element 3428

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

Panel A: 34% Open

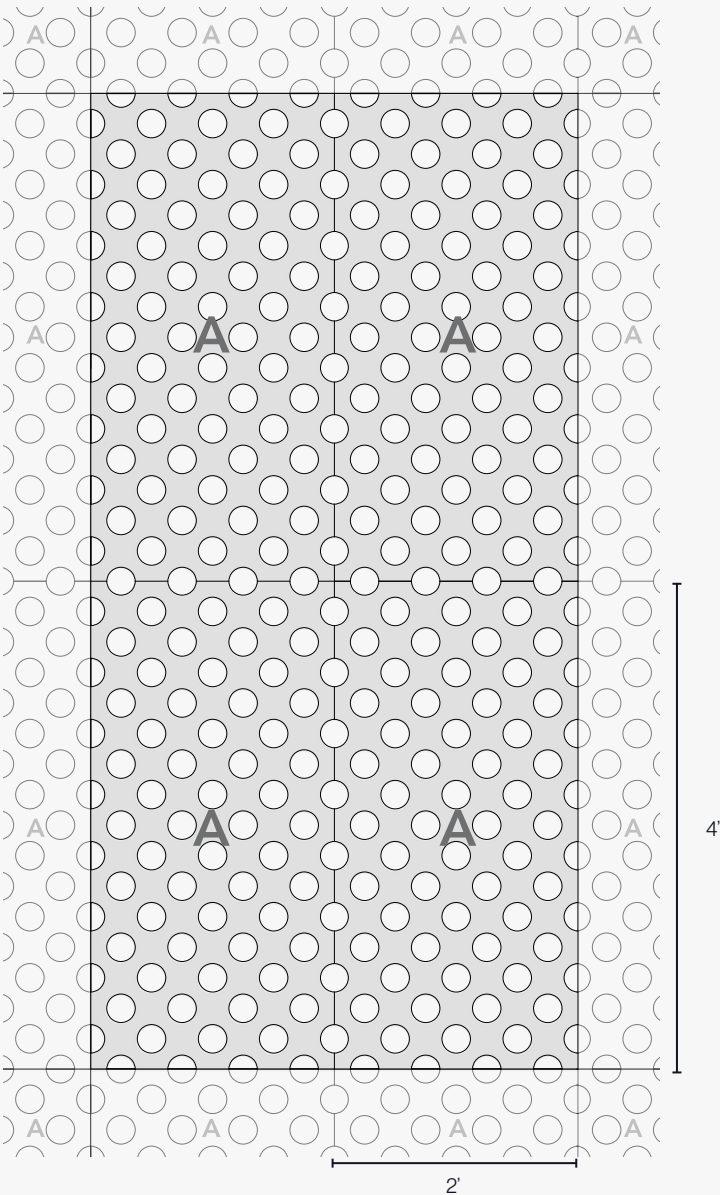
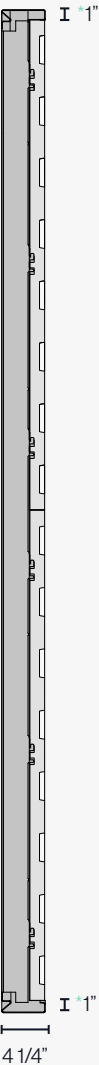
\* Vertika® Trim

Ceiling Section



Panel Configuration, Wall or Ceiling

Wall Section



! All dimensions nominal.

# 1 Understanding the System

## Accessory Options - Ceiling

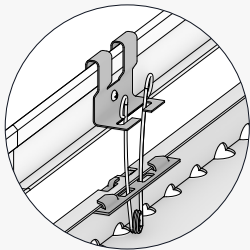
- Frosted light diffusing backer
- 1/2" acoustic backer
- Backlight
- InLine downlight

**i** Check out our Configuration examples on PAGE 11.

\* A Specific InLine light panel is used to accommodate the width of the fixture within the 2' width.

## Torsion Spring Adapter Clip

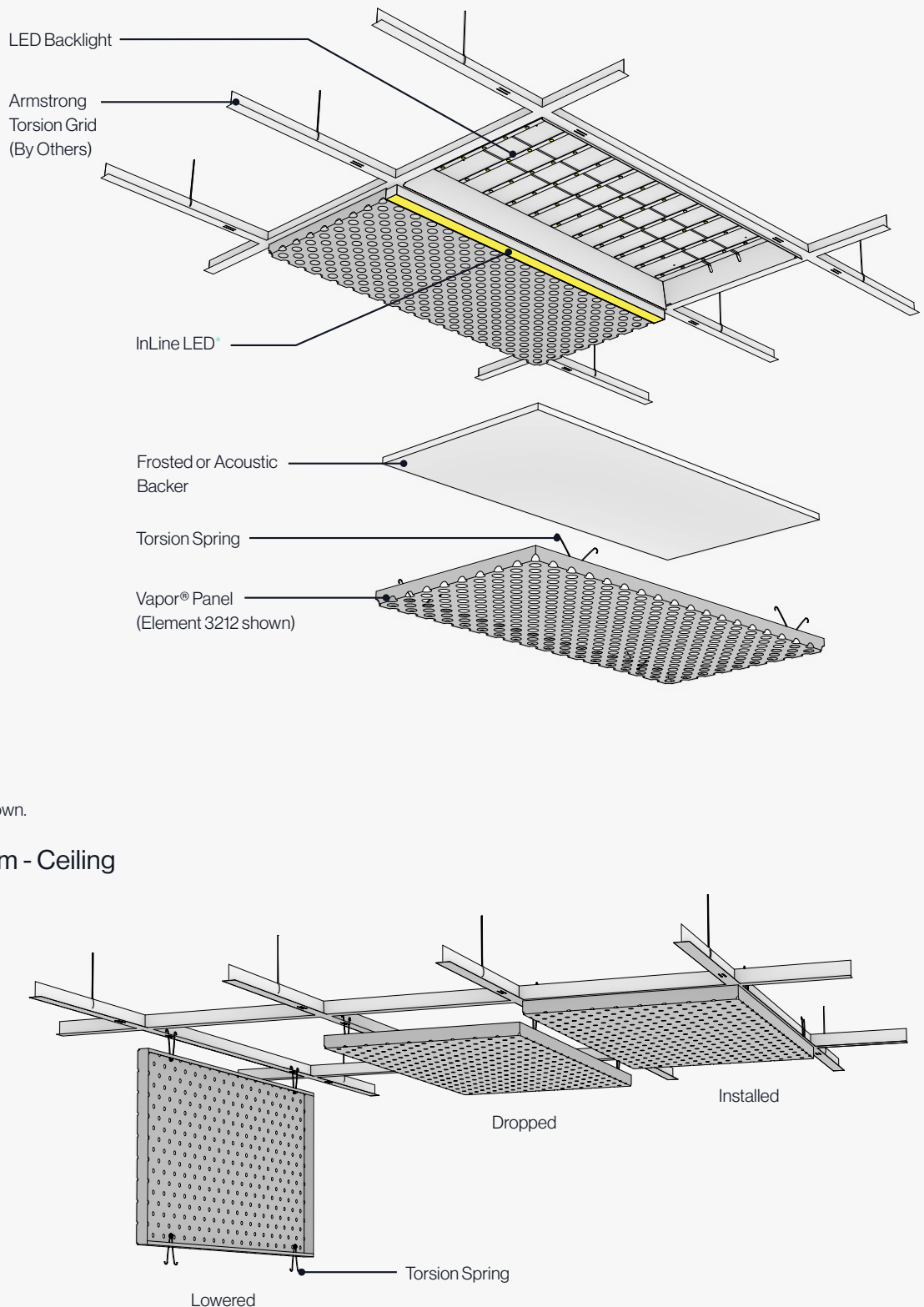
Interested in using standard t-grid?  
Use our optional Torsion Spring Adapter Clip.



**i** Vapor® Element 3212 shown.

## Attachment System - Ceiling

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





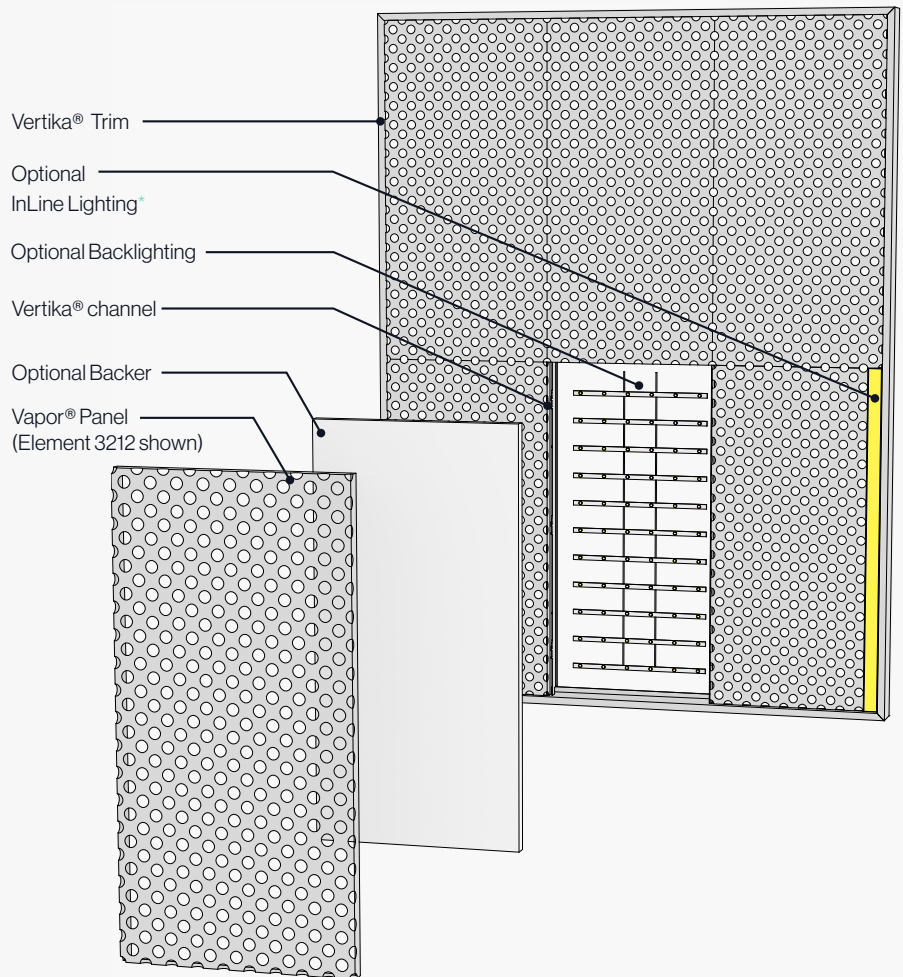
# 1 Understanding the System

## Accessory Options - Wall

- Frosted light diffusing backer
- 1/2" acoustic backer
- Backlight
- InLine light

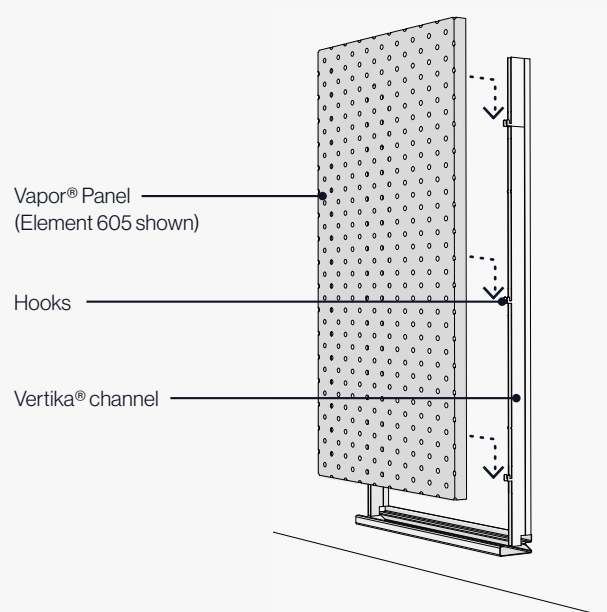
**i** Check out our Configuration examples on PAGE 11.

\* A Specific InLine light panel is used to accommodate the width of the fixture within the 2' width.



## Attachment System - Wall

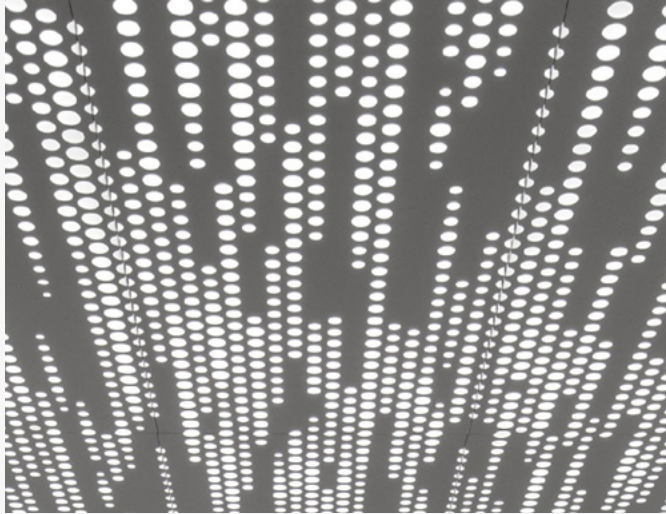
Panels are easily installed or removed by sliding onto or lifting off from the system's Vertika® channel hooks.



## 2

## Optional Accessories

## Lighting

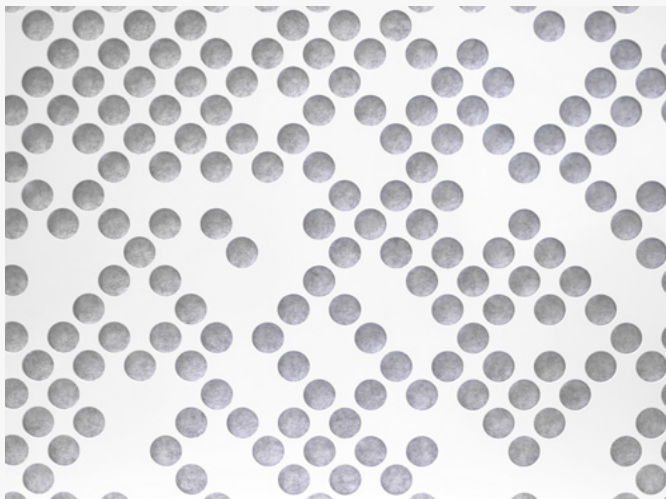
**Backlighting**

Arkтура 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. See Backlighting specs details on PAGE 15.

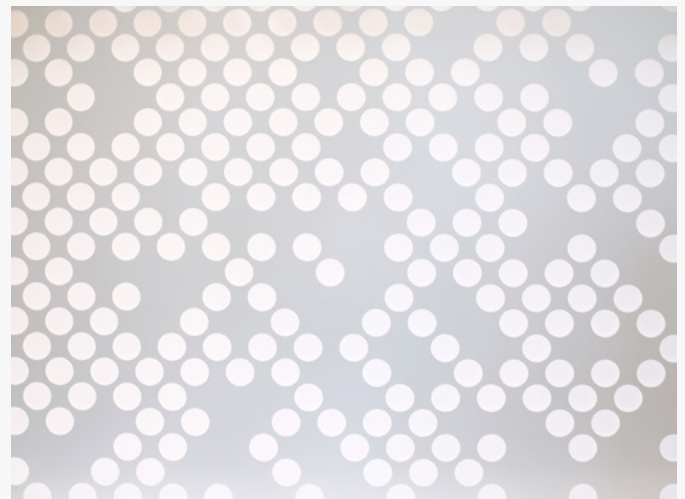
**InLine Lighting**

Our InLine Light sits flush with the face of the panels while conveniently attaching to the bottom of the grid. The fixture is available in 4' and 8' lengths. A special side-light Vapor® panel allows the light to straddle its 4' edge while staying within a 24" overall width. See Inline Lighting specs details on PAGE 16.

## Backers

**Acoustic Backer**

We offer various options of Soft Sound® panel inserts to achieve a variety of NRC ratings. Please refer to our True NRC® table of ratings.

**Translucent Backer**

Our proprietary light diffusing backers can be used to create a functional or decorative lighting effect in any space.

① Illustrative images. Patterns may not match the product.

① Lighting powered by Arktura Driver. Refer to installation manual or contact your rep for more info.

2

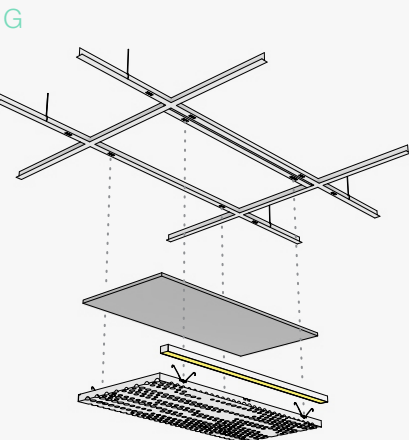
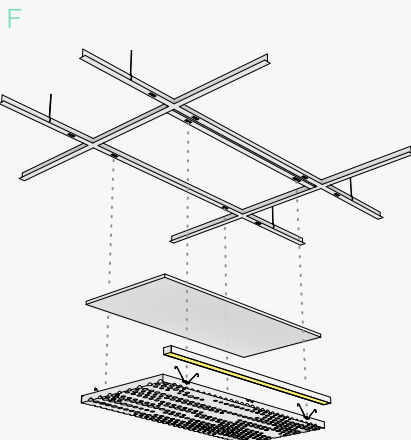
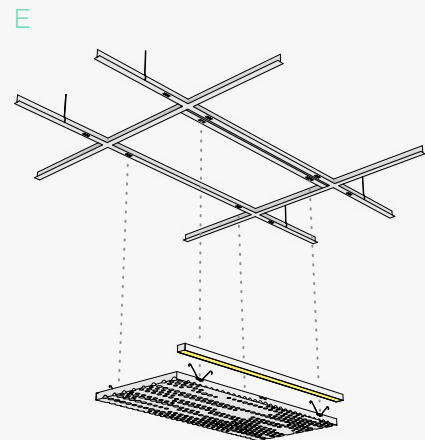
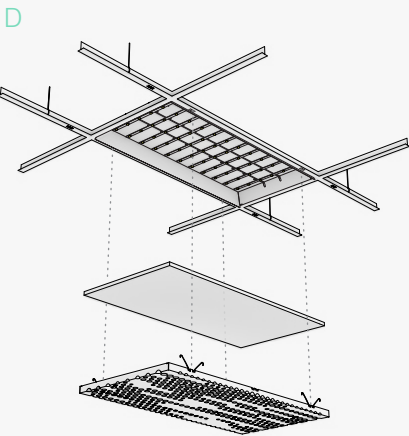
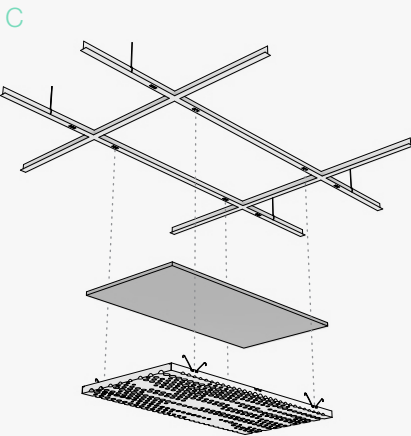
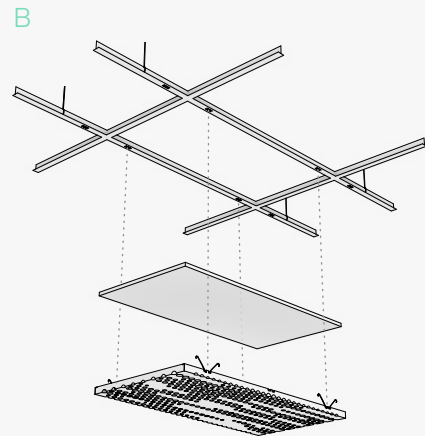
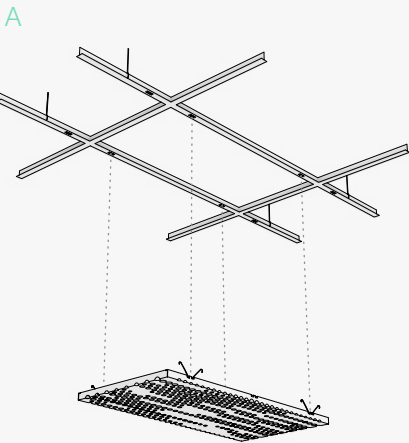
Optional Accessories

Possible Configurations

Refer to the chart and corresponding diagrams below for available configuration options.

	No Backer	Translucent Backer	Soft Sound® Backer
No light	A	B	C
Backlight		D	
InLine	E	F	G

**i** Looking to combine backlight with acoustic performance in the same panel?  
Check out our VaporSoft® line.



**i** Illustrative diagrams. Patterns may not match the product.



3


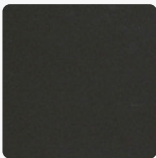
Available Finishes

Aluminum Panel

**Powder Coat**  
Standard Finish

					
T-Grid White* (Matte)	Arktura White (Matte)	Brilliant White (Gloss)	Silver Metallic (Semi Gloss)	Jet Black (Matte)	
					
Aviator Gray (Gloss)	Aviator Gray (Matte)	Steel Gray	Shadow	Midnight	Coffee
					
Raw Umber	Caramel	Sandstone	Oat	Sunflower	Torch
					
Spirit Red (Matte)	Azure	Blue Steel	Forest Green		

**Powder Coat**  
Premium Metallic  
Finish


	
Chilled Champagne (Semi Gloss)	Burnished Bronze (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 RAL	Non-stock Metallic

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

 All premium and standard finishes shown are designed for interior specifications. Products may be specified for exterior use, and with alt treatments required by local code or facility, including custom color match or specialty finishes. Any changes to specification from interior standard or interior premium will result in a custom powder coat fee.

3

Available Finishes

Optional Translucent Backer

**Polycarbonate**  
Available in interior and UV  
stable exterior options.



Frosted

Optional Soft Sound® Backer

**Soft Sound®**  
**Color Group A**  
Standard



White



Snow



Marble



Heather Gray



Graphite



Carbon



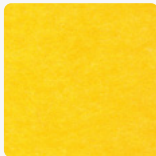
Onyx



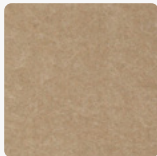
Apple



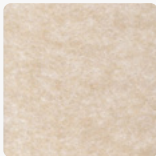
Tangerine



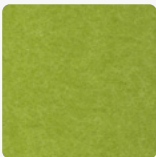
Lemon



Taupe



Sand



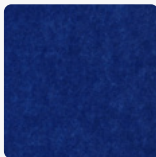
Kiwi



Whisper



Sky Blue



Denim

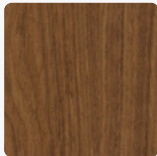
**Soft Sound®**  
**Wood Texture**  
Premium

**i** As with natural  
wood, variation in color  
and grain is expected  
and grain will not align  
across panels.

Core



Face



Gray Ash

White Oak

Golden Oak

Oak

American Walnut

Charred Oak

Core



Face



Charred Ash

Ebony

**i** Due to the nature of non-woven materials, light may pass through Soft Sound® in any thickness or color. A translucent appearance is most apparent in lighter colors and thin material when a light source is present behind the material. Arktura makes no claims or warranties about the material performing as opaque in any circumstance. To verify a products performance for light transmittance, a mockup of the specific intended use is recommended.

## 4

## Product Specifications &amp; Certifications

## System Specs

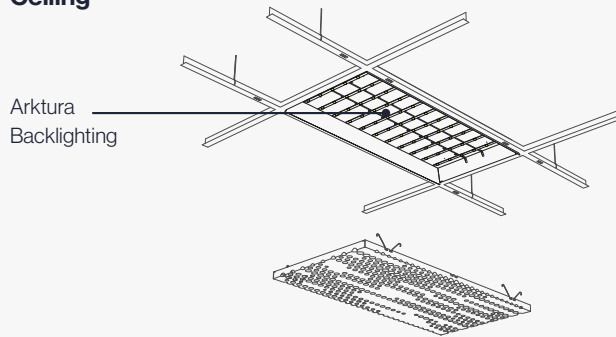
<b>Panel Size (WxHxD)</b>	2' x 4' x 1 1/2"
<b>Material</b>	Aluminum
<b>Openness in Plan</b>	Element 605: 6% ; Element 3212: 32% ; Element 3428: 34%
<b>Fire Rating</b>	ASTM E84 - Class A
<b>Acoustics</b> (with optional Soft Sound® backer)	True NRC® 0.65: Element 605 Ceiling ; E-300 Method True NRC® 0.70: Element 605 Wall ; F-70 Method True NRC® 0.85: Element 3212 Ceiling ; E-300 Method True NRC® 0.85: Element 3212 Wall ; F-70 Method
<b>Ceiling Attachment</b>	Torsion Grid (By Others)
<b>Wall Attachment</b>	Vertika® Wall (Refer to Vertika® Brochure)
<b>Accessibility</b>	Torsion Spring Hinge
<b>Trimmability</b>	Yes, per installation manual
<b>Optional Accessories</b>	Acoustic Backer, Translucent Backer, Backlight, InLine Light, Torsion Spring Adapter Clip



# Arktura Backlighting Specs

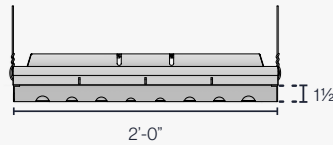
Available in dimmable low and high output variations, gives you the power to illuminate spaces and create dynamic visual effects.

## Ceiling

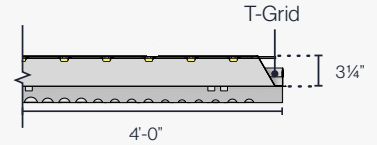


## Sections - Ceiling

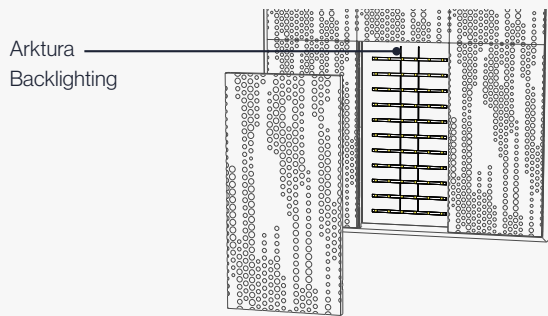
Front view



Side view

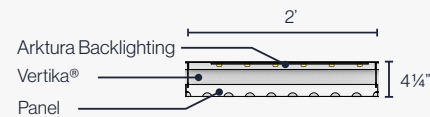


## Vertika® Wall

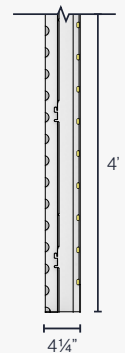


## Sections - Wall

Top view



Side view



## Specs

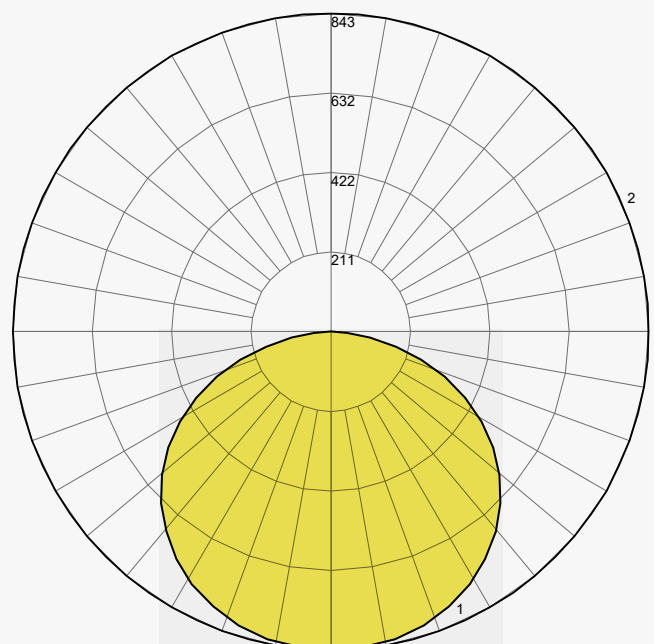
Product Features	Arktura Backlighting Eco	Arktura Backlighting
Power Consumption	25 Watts 2x4 Panel	66 Watts 2x4 Panel
Delivered Lumens	Please reference on next page for specific openness by pattern	
CRI	80+	
Color Temperatures	3000K, 3500K, 4100K	
Size (LxWxD)	24"x48"x3 1/4"	
UL Rating	Listed	
Voltage	24 Volts DC	
Dimming Options	Triac/phase, 0-10V, 1-10V, Potentiometer, 10V PWM	
Plenum Rated Wire	Standard	

## 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.)

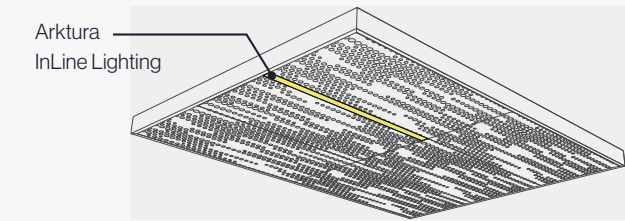


Illustrative images. Patterns may not match the product.

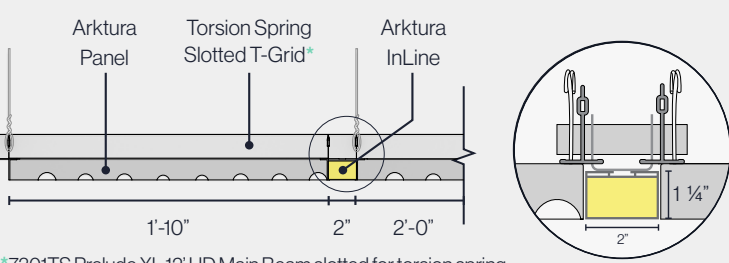
# Arktura InLine Lighting Specs

Makes it easy to seamlessly integrate linear lighting into the design of your paneling.

## Ceiling

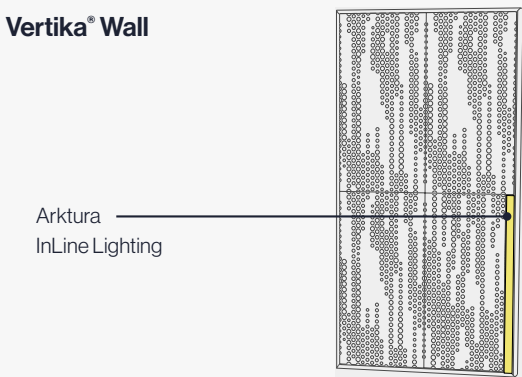


## Elevations - Ceiling

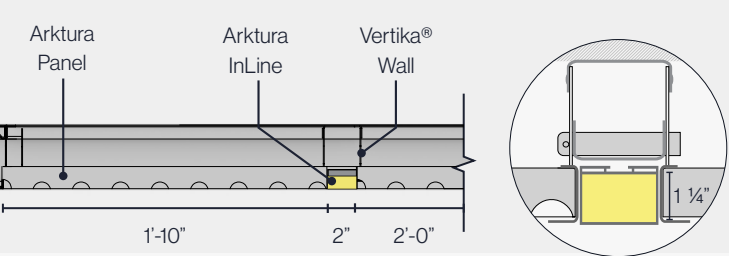


\*7301TS Prelude XL 12' HD Main Beam slotted for torsion spring.

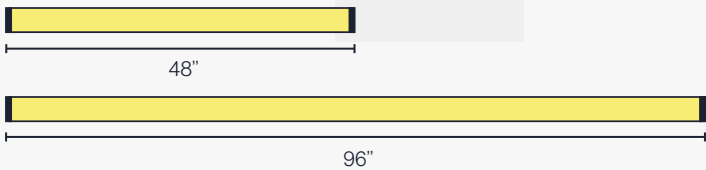
## Vertika® Wall



## Top View - Wall



## Side - Length Options



## Specs

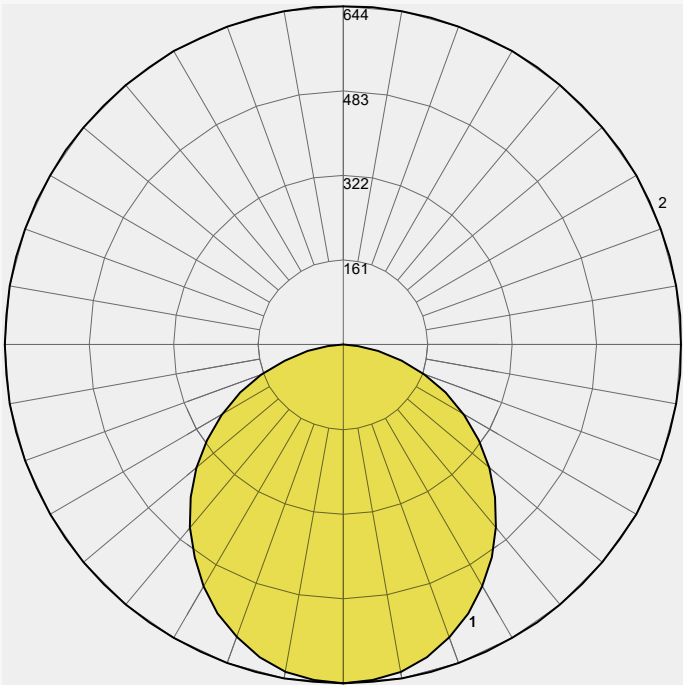
Product Features	Arktura InLine Eco	Arktura InLine
Total Lumens	640 Lm/Ft	1280 Lm/Ft
Delivered Lumens	480 Lm/Ft	960 Lm/Ft
Power Consumption	6W/Ft	12W/Ft
CRI	95+	
Color Temperatures	3000K, 3500K, 4000K	
Size (LxWxD)	48" x 2" x 1.25", 96" x 2" x 1.25"	
UL Rating	Recognized	
Voltage	24 Volts	
Dimming Options	MLV, 1-10V, 0-10V	
Plenum Rated Wire	Standard	

## 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.)



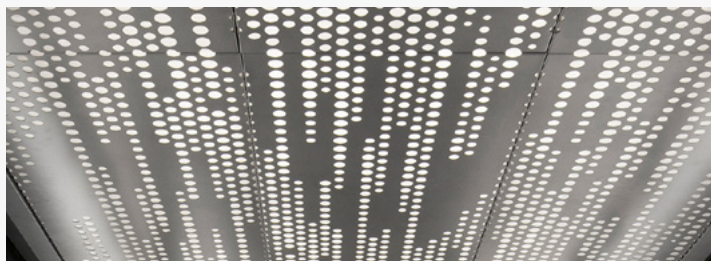
Illustrative images. Patterns may not match the product.



# Product Line

## Design Options

Vapor® offers a growing library of metal panels in preconfigured seamlessly tileable patterns that can also be mixed and matched as desired. For additional acoustic performance, take a look at our Soft Sound® faced VaporSoft®.



VAPOR® TRAIL



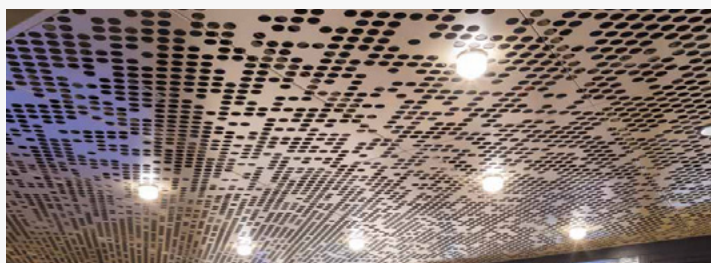
VAPOR® PIXEL



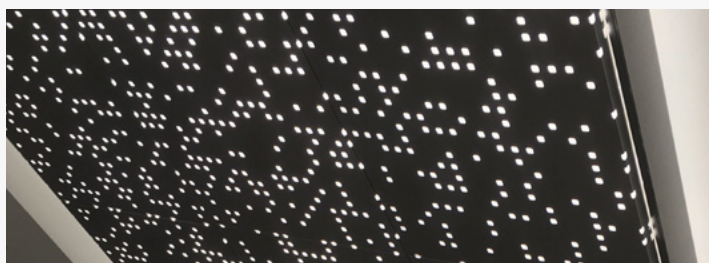
VAPOR® CUMULA



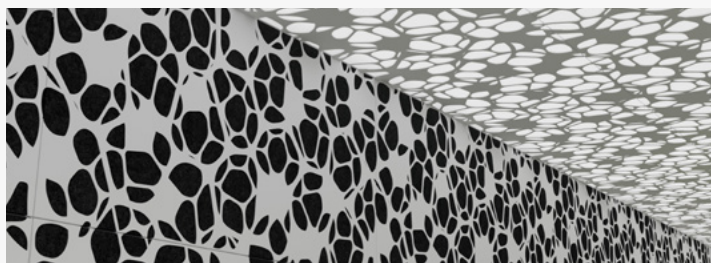
VAPOR® BYTE



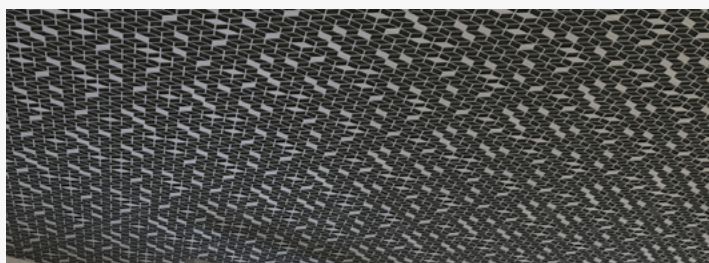
VAPOR® CLUSTER



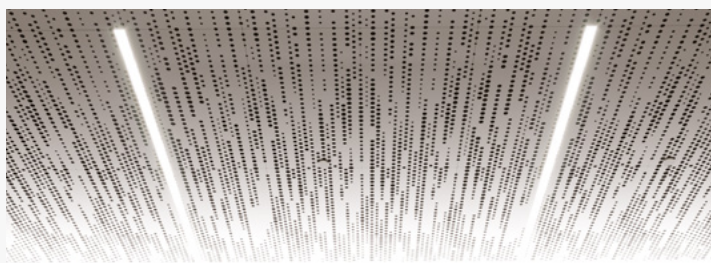
VAPOR® SYNTAX



VAPOR® SHIFT



VAPOR® CORA



VAPOR® FREQUENCY



VAPOR® LIANA

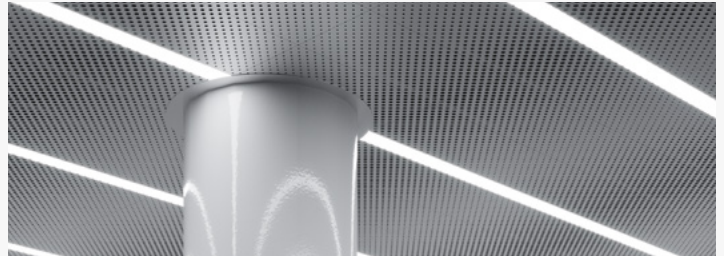


# Product Line

## Design Options



VAPOR® SKY



VAPOR® GRADIENT



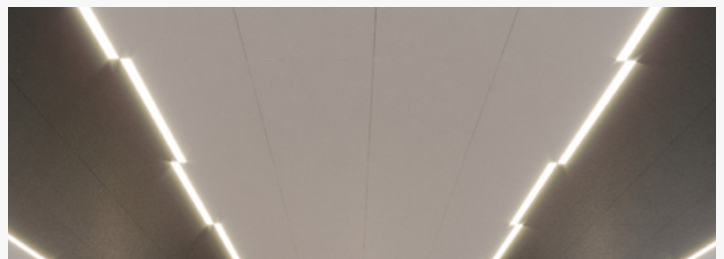
VAPOR® ELEMENT



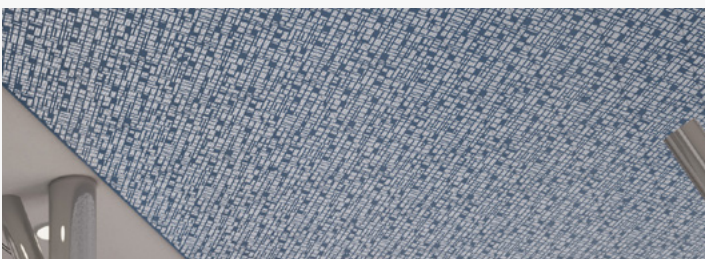
VAPOR® BLOOM



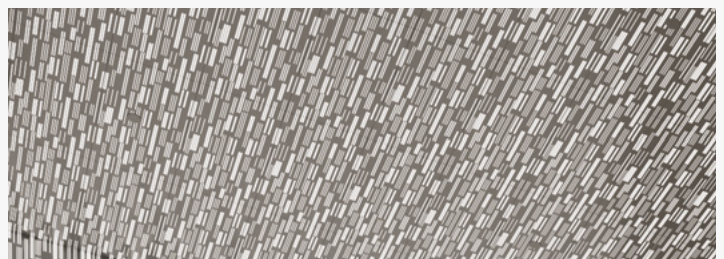
VAPOR® BREEZE



VAPOR® SOLID



VAPOR® TRANSIT



VAPOR® VERVE



VAPOR® BOND