



A R K T U R A



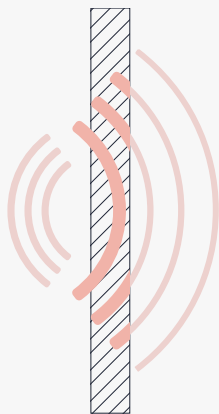
# Vapor<sup>®</sup> Sky



Ceiling & Wall **Panels**

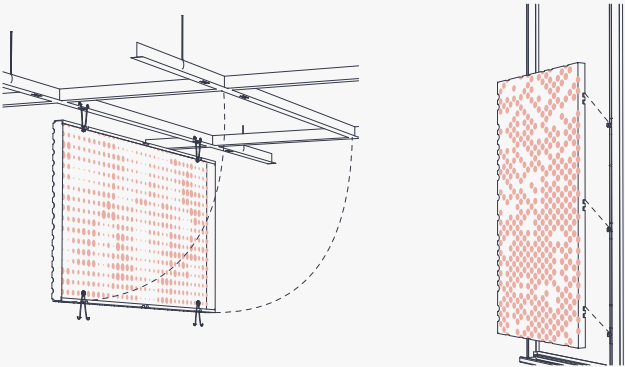
# Our Key Features

Vapor® Sky powder-coated aluminum torsion spring panels offer a tileable, cloud-like pattern, helping you bring the sky indoors. With no fading of the pattern, the cloud design can continue for as long as your hallway or space allows, without sacrificing acoustical comfort if you add our Soft Sound® backer. Or you can add our integrated lighting backer for a sky that glows.



## 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.



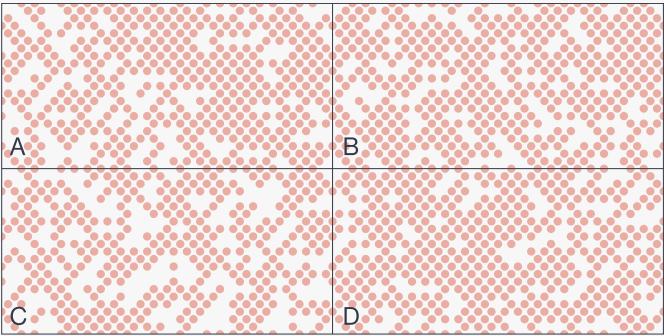
## Easy Installation & Access

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



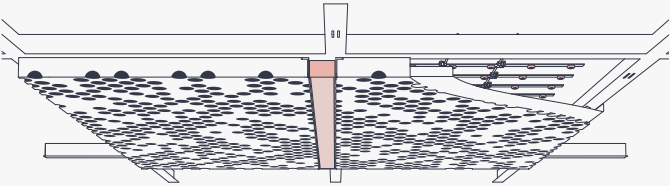
## Superior Flatness & Strength

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.



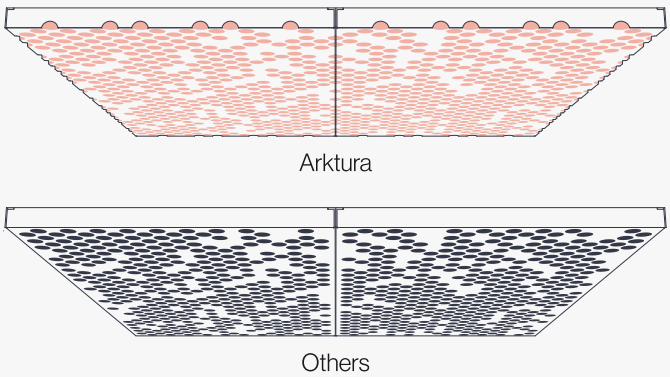
## Preconfigured Solutions

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



**Bring the Outdoors Inside**



**Create Dynamic Wall to Ceiling Transitions**



**Illuminate your Space with Arktura Backlighting**

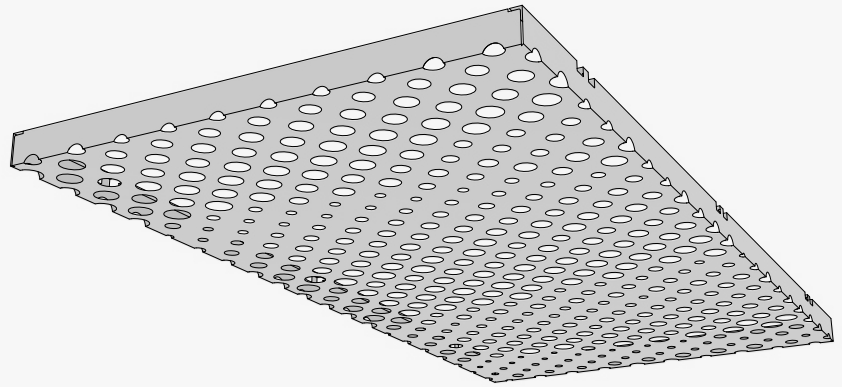
# Overview

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

## 1 Understanding the System

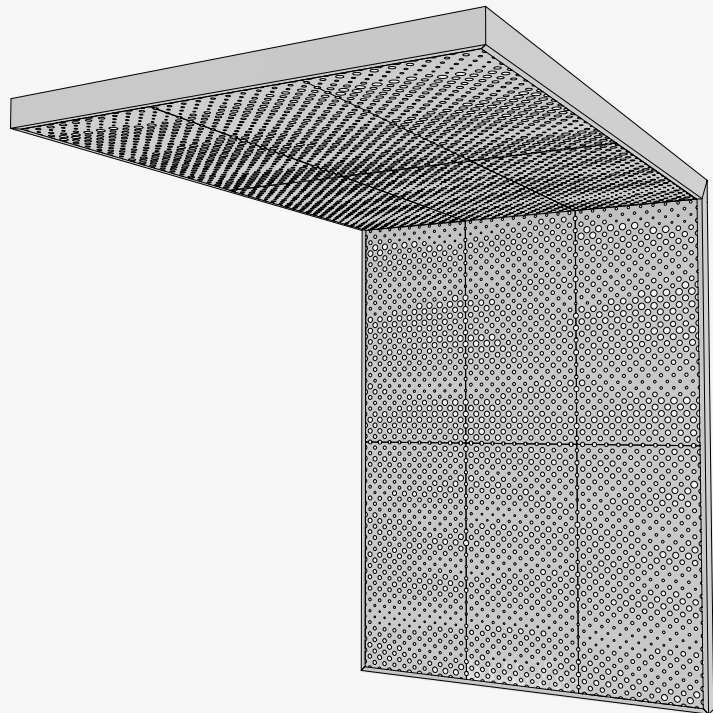
### Standard Panel

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



### Seamlessly Join Walls & Ceilings

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



1 Understanding the System

Understanding the Panel

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

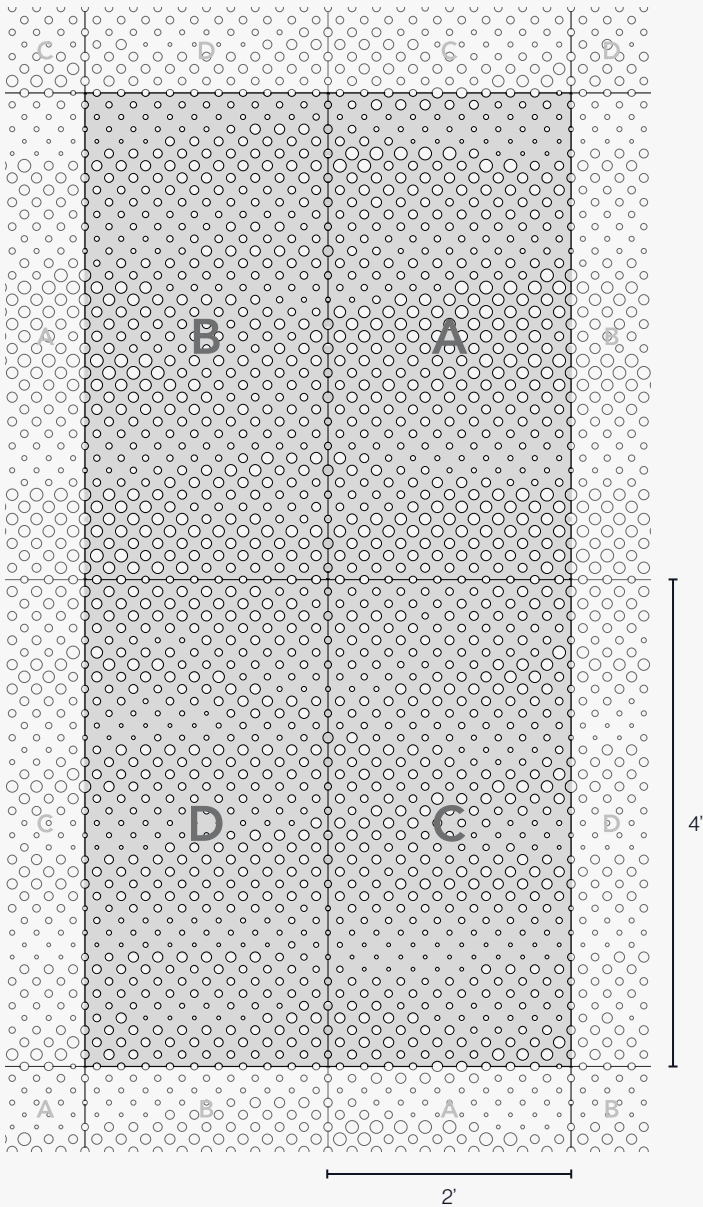
- Panel A: 23% Open
- Panel B: 21% Open
- Panel C: 18% Open
- Panel D: 17% Open

\* Vertika® Trim

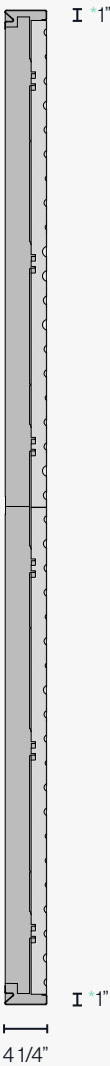
Ceiling Section



Panel Configuration, Wall or Ceiling



Wall Section



! All dimensions nominal.

# 1 Understanding the System

## Accessory Options - Ceiling

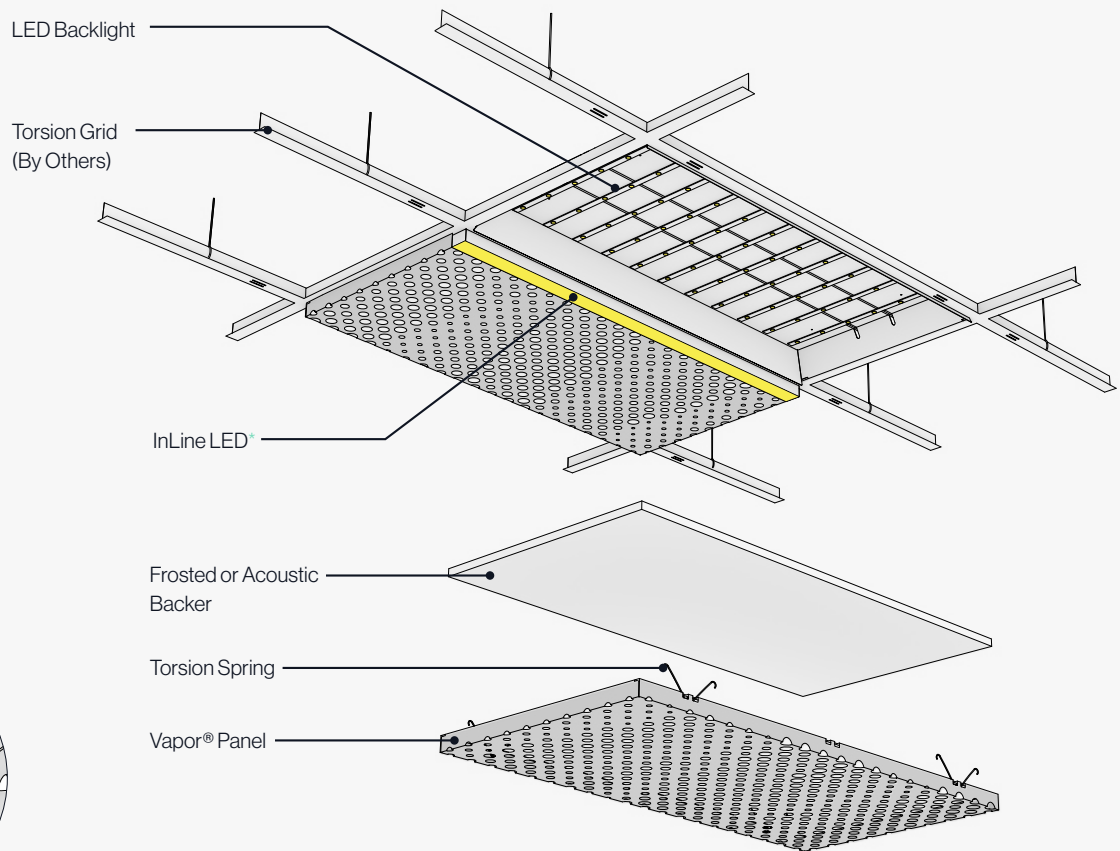
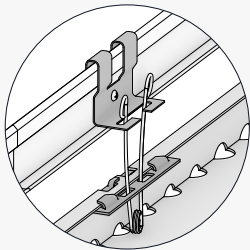
- Frosted light diffusing backer
- 1/2" acoustic backer
- Backlight
- InLine downlight

**i** Check out our Configuration examples on PAGE 10.

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

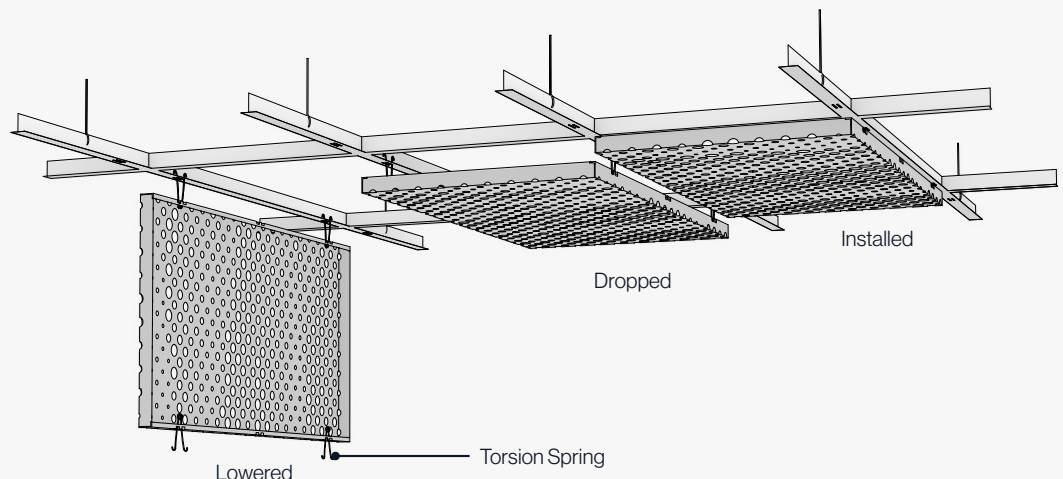
### Torsion Spring Adapter Clip

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



## Attachment System - Ceiling

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



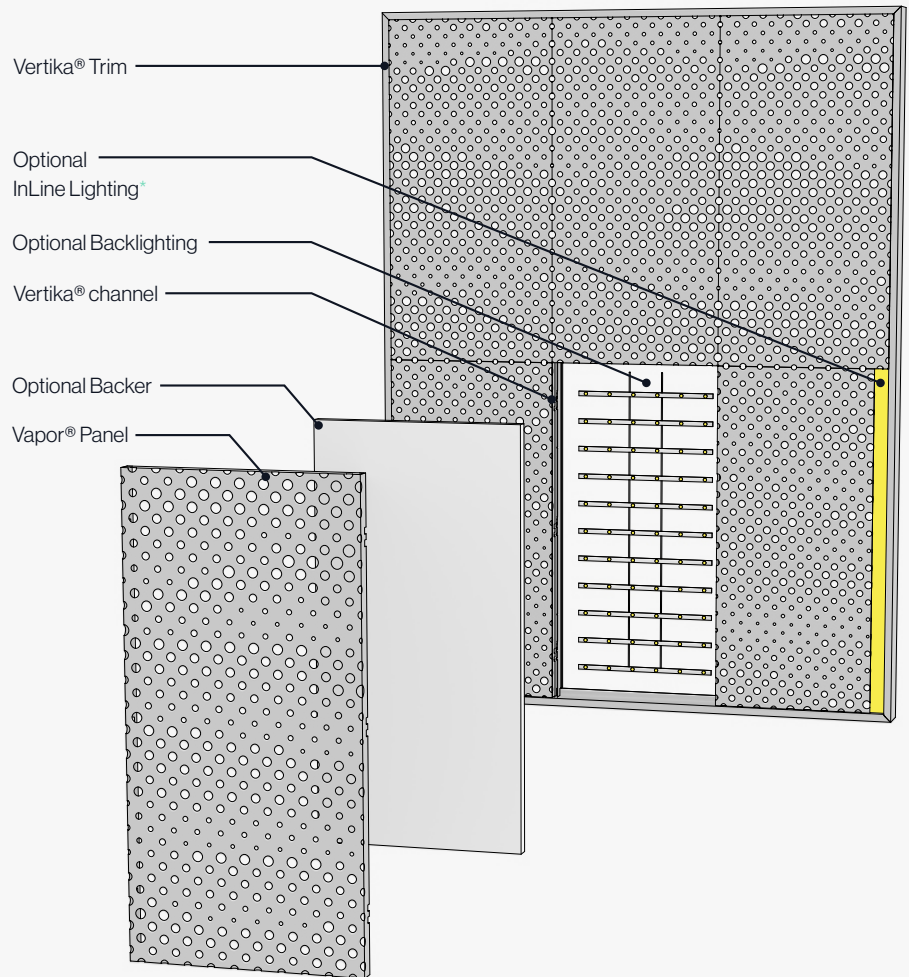
# 1 Understanding the System

## Accessory Options - Wall

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

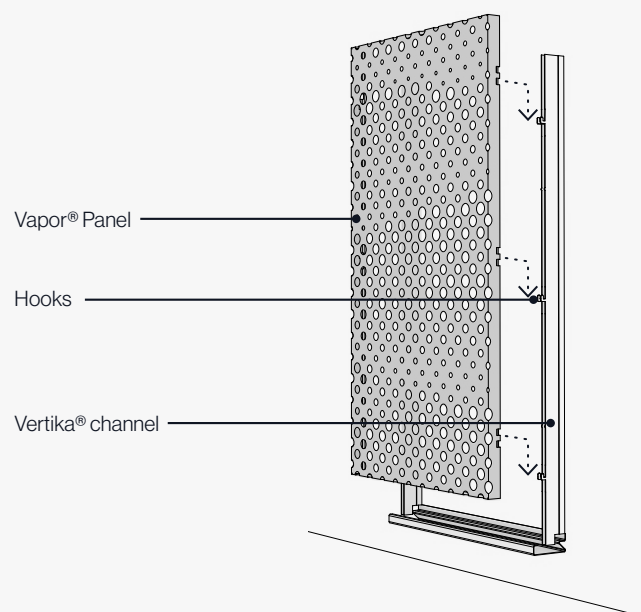
**i** Check out our Configuration examples on PAGE 10.

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



## Attachment System - Wall

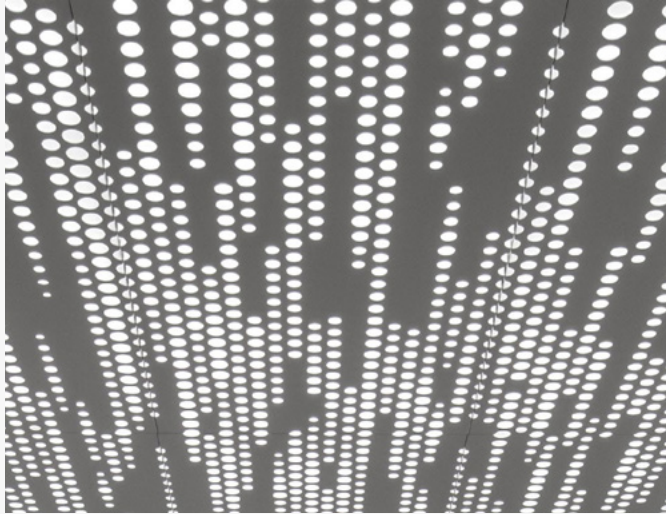
Panels are easily installed or removed by sliding onto or lifting off from the system's Vertika® channel hooks.



## 2

## Optional Accessories

## Lighting

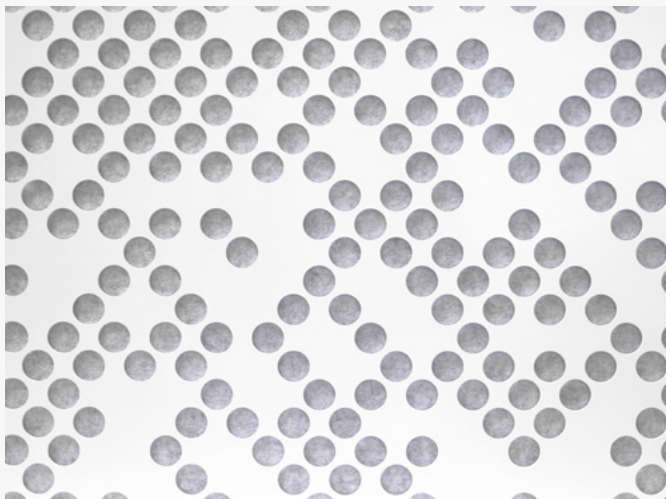
**Backlighting**

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 14.

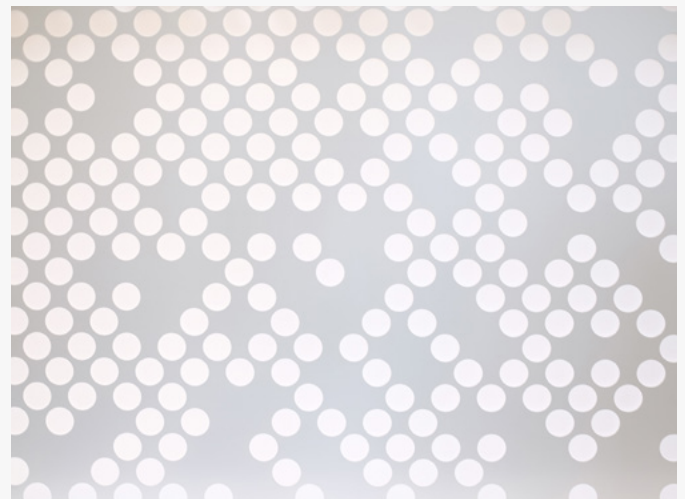
**InLine Lighting**

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 15.

## 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.

 Illustrative images. Patterns may not match the product.

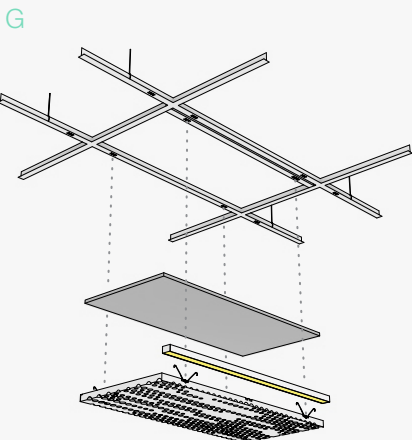
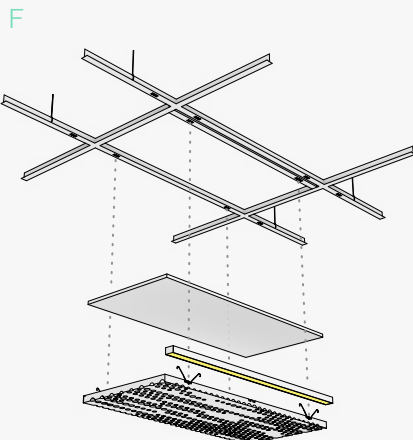
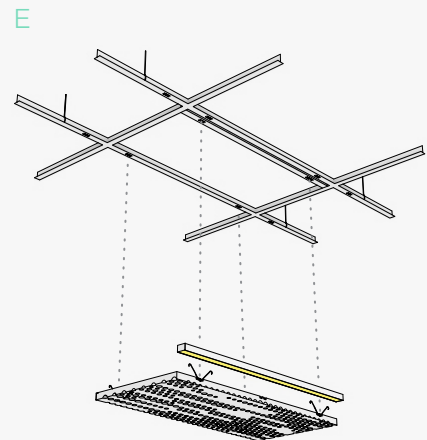
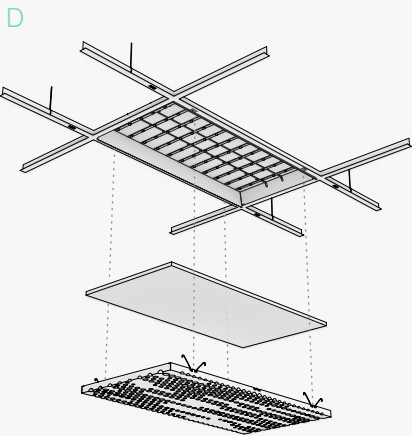
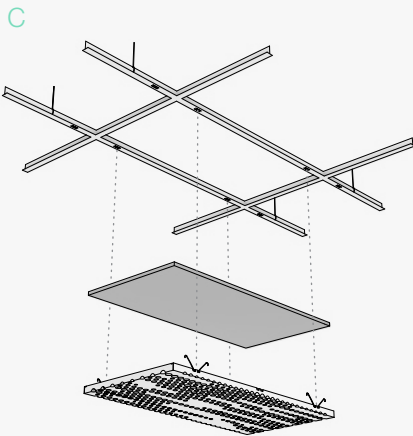
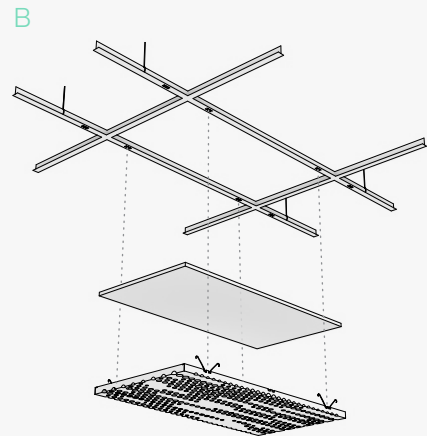
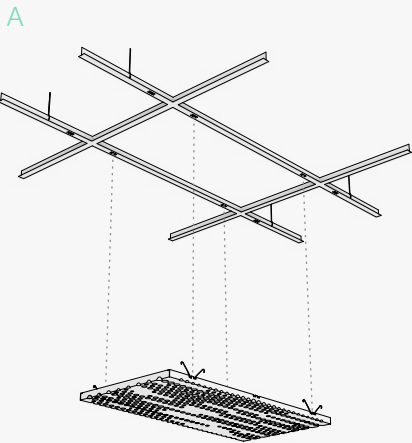
2 Optional Accessories

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                  |

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



Illustrative images. Patterns may not match the product.

3

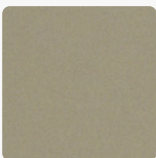
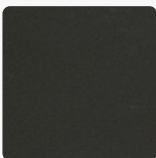
Available Finishes

Aluminum Panel

Powder Coat  
Standard Finish

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

Powder Coat  
Premium Metallic  
Finish

|                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |
| Chilled Champagne<br>(Semi Gloss)                                                   | Burnished Bronze<br>(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<br>RAL                                                                    | Non-stock<br>Metallic                                                               |

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

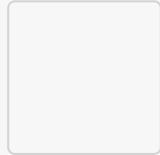
*i* All premium and standard finishes shown are designed for interior specifications. Products may be specified for exterior use, and with alt treatments required by local code or facility, including custom color match or specialty finishes. Any changes to specification from interior standard or interior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

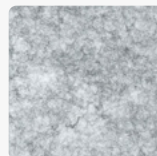
##### Soft Sound® Color Group A Standard



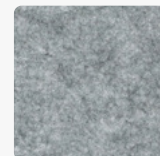
White



Snow



Marble



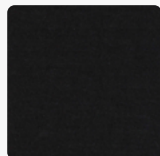
Heather Gray



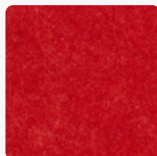
Graphite



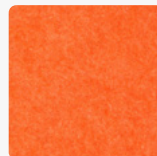
Carbon



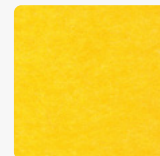
Onyx



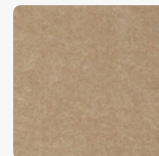
Apple



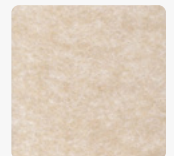
Tangerine



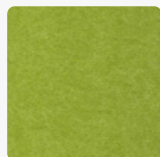
Lemon



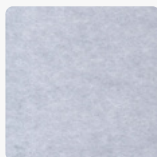
Taupe



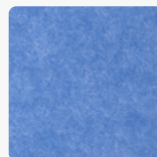
Sand



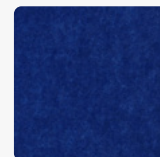
Kiwi



Whisper



Sky Blue



Denim

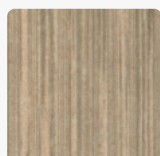
##### Soft Sound® Wood Texture Premium

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

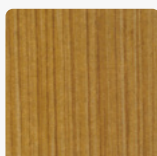
Core



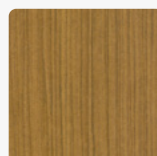
Face



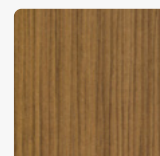
Gray Ash



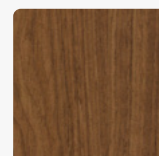
White Oak



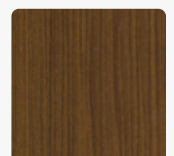
Golden Oak



Oak



American Walnut

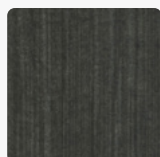


Charred Oak

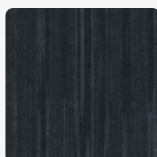
Core



Face



Charred Ash



Ebony

 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. Arkтура 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

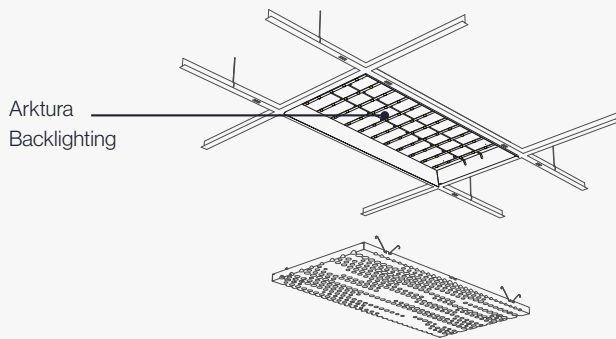
|                                                        |                                                                                           |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------|
| <b>Panel Size (WxHxD)</b>                              | 2' x 4' x 1 1/2"                                                                          |
| <b>Material</b>                                        | Aluminum                                                                                  |
| <b>Openness in Plan</b>                                | 19%                                                                                       |
| <b>Fire Rating</b>                                     | ASTM E84 - Class A                                                                        |
| <b>Acoustics</b><br>(with optional Soft Sound® backer) | True NRC® 0.75: Ceiling ; E-300 Method<br>True NRC® 0.60: 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 |

# Lighting Specs

## Arktura Backlighting

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

### Ceiling

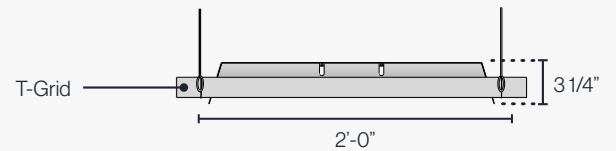


### Vertika® Wall

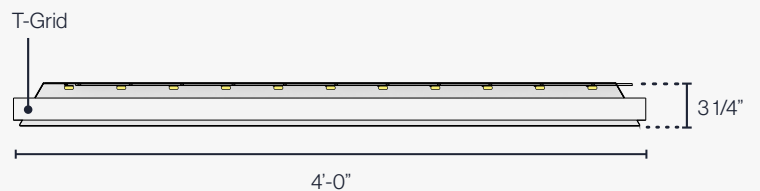


### Sections

#### Front view



#### Side view

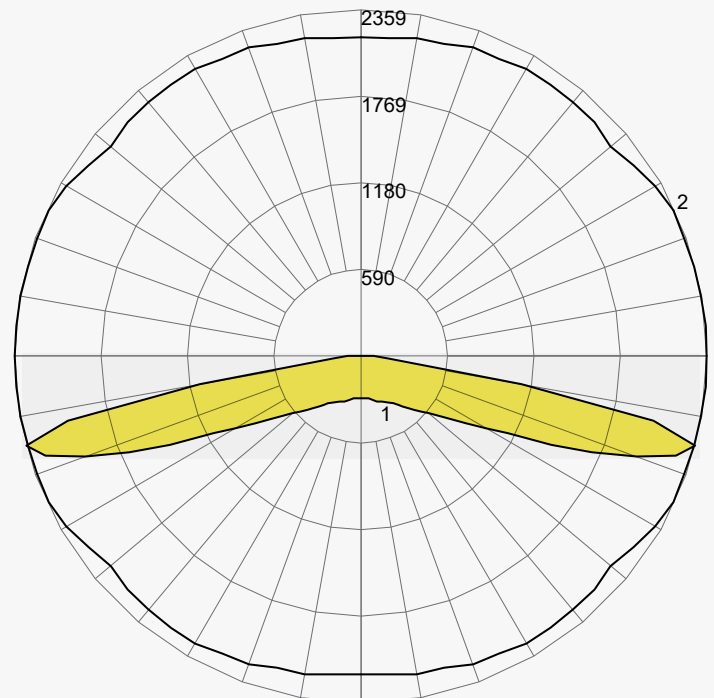


### Photometric

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.)



### Specs

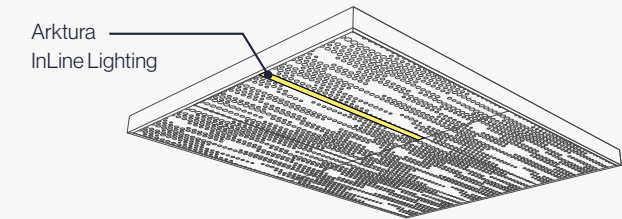
| Product Features   | Arktura Backlighting Eco | Arktura Backlighting |
|--------------------|--------------------------|----------------------|
| Total Lumens       | 2250 Lm/2x4 Panel        | 5940 Lm/2x4 Panel    |
| Delivered Lumens   | 2250 Lm/2x4 Panel        | 5490 Lm/2x4 Panel    |
| Power Consumption  | 25 Watts 2x4 Panel       | 66 Watts 2x4 Panel   |
| CRI                | 80+                      |                      |
| Color Temperatures | 3000K, 3500K, 4100K      |                      |
| Size (LxWxD)       | 24"x48"x3 1/4"           |                      |
| UL Rating          | Listed                   |                      |
| Voltage            | 24 Volts                 |                      |
| Dimming Options    | MLV, 1-10V, 0-10V        |                      |
| Plenum Rated Wire  | Standard                 |                      |

# Lighting Specs

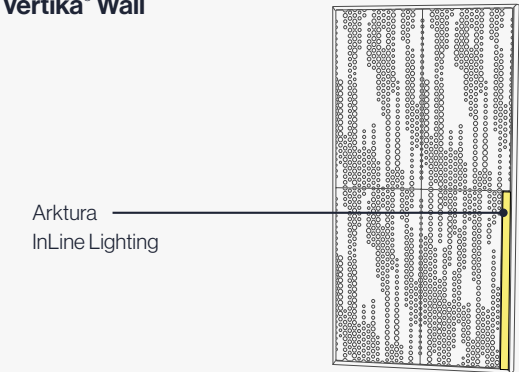
## Arktura InLine Lighting

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

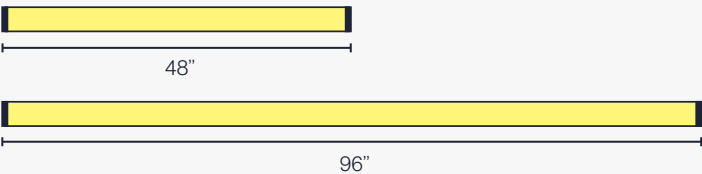
### Ceiling



### Vertika® Wall



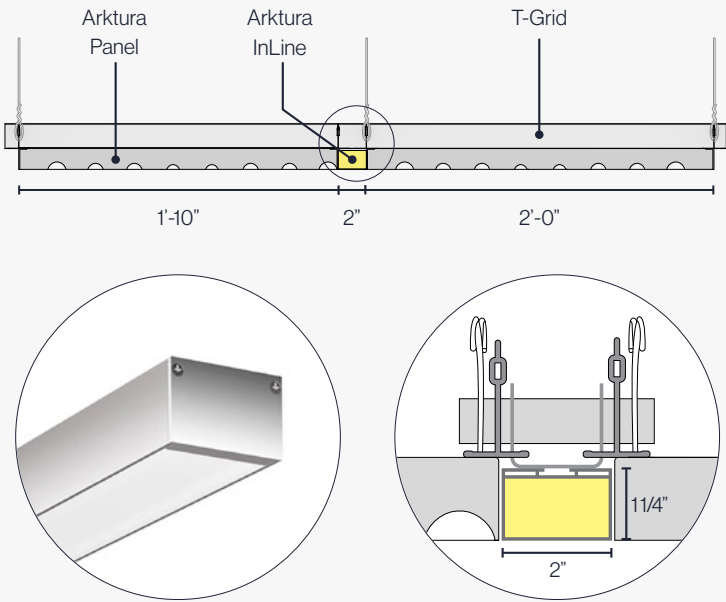
### Side - Length Options



### Specs

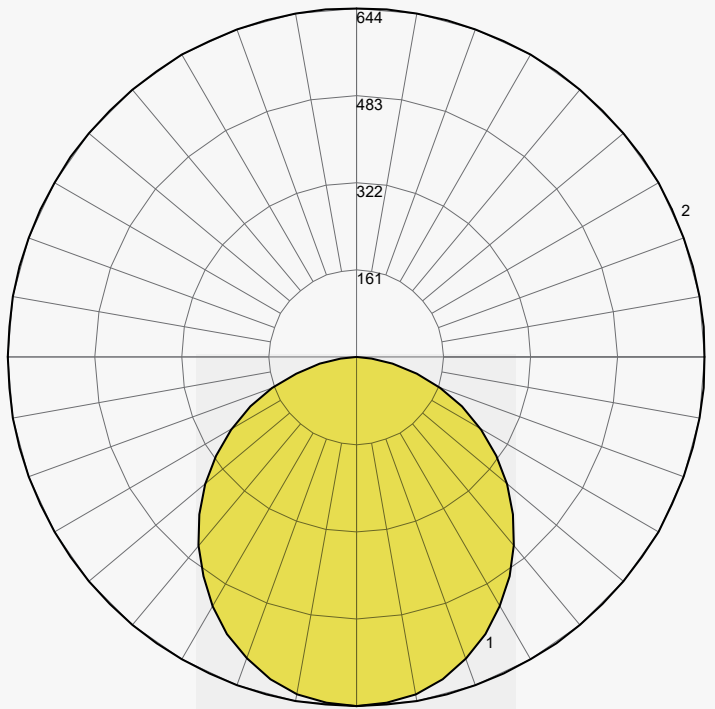
| Product Features   | Arktura InLine Eco                 | Arktura InLine |
|--------------------|------------------------------------|----------------|
| Total Lumens       | 640 Lm/Ft                          | 1280 Lm/Ft     |
| Delivered Lumens   | 480 Lm/Ft                          | 960 Lm/Ft      |
| 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                           |                |

### Elevations



### Photometric

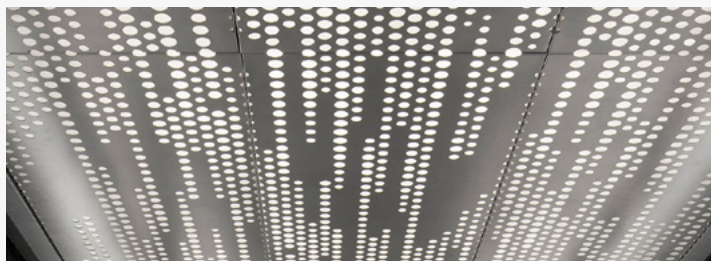
Located At Horizontal Angle = 0, Vertical Angle = 0  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)



# 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



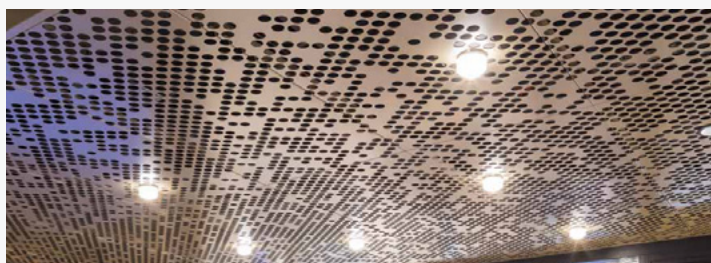
VAPOR® PIXEL



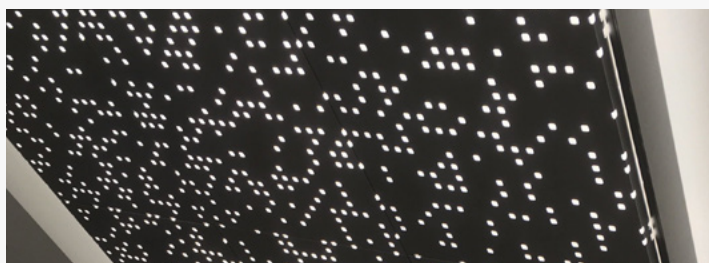
VAPOR® CUMULA



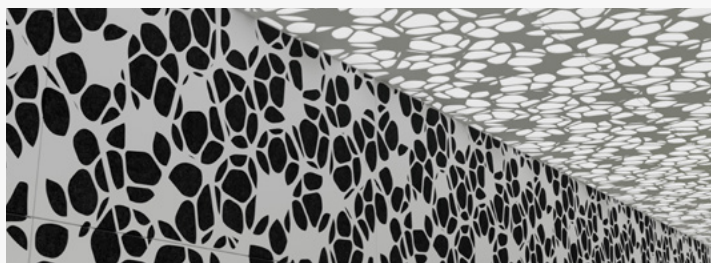
VAPOR® BYTE



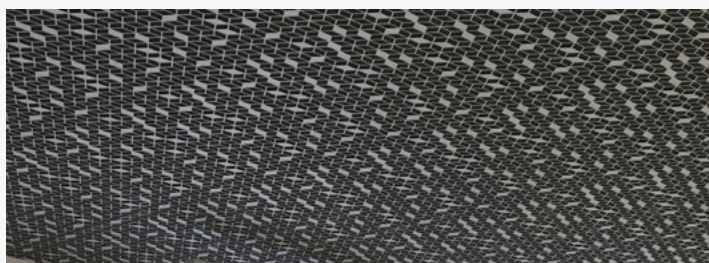
VAPOR® CLUSTER



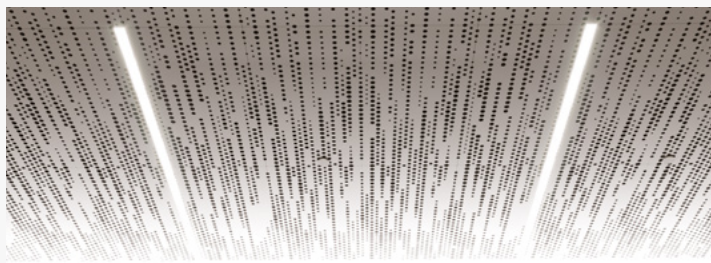
VAPOR® SYNTAX



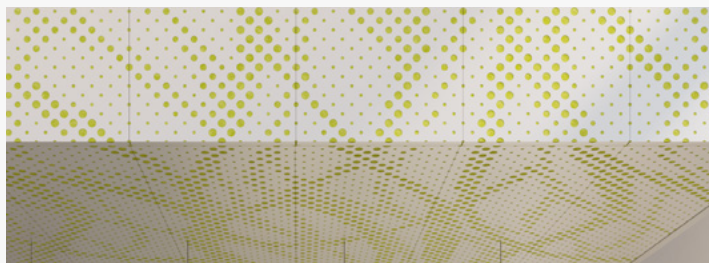
VAPOR® SHIFT



VAPOR® CORA



VAPOR® FREQUENCY



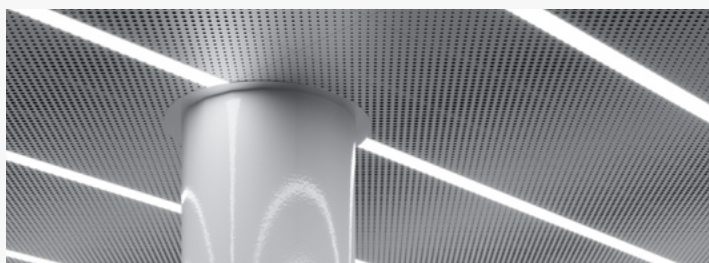
VAPOR® LIANA

# Product Line

## Design Options



VAPOR® SKY



VAPOR® GRADIENT



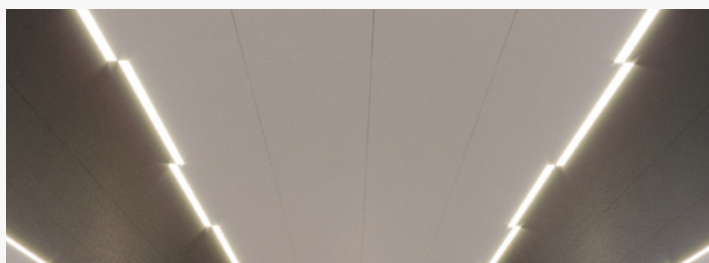
VAPOR® ELEMENT



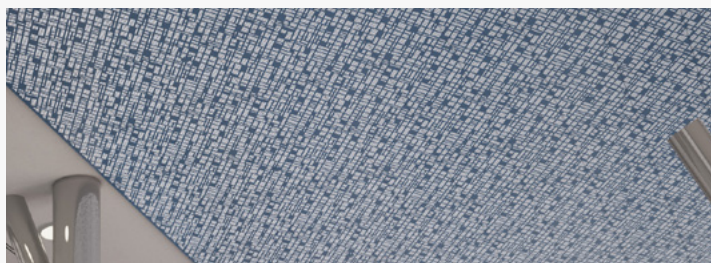
VAPOR® BLOOM



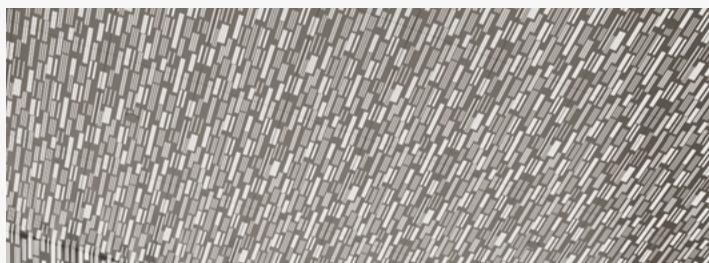
VAPOR® BREEZE



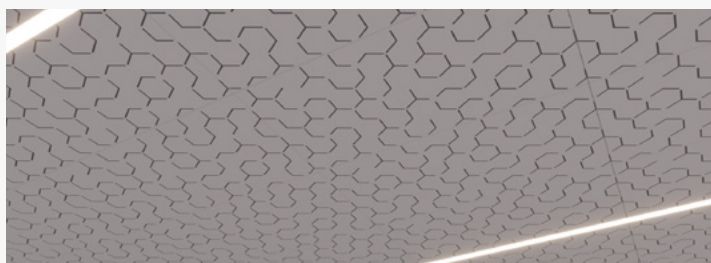
VAPOR® SOLID



VAPOR® TRANSIT



VAPOR® VERVE



VAPOR® BOND