



ARKTURA

Vapor® Graphic Perf®



Customizable Ceiling & Wall Panels

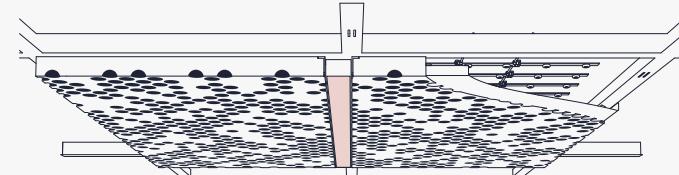
Our Key Features

Vapor® Graphic Perf® turns wall and ceiling tiles into a limitless canvas, combining the best aspects of two of Arktura's most popular offerings – Vapor® and Graphic Perf® – into one versatile system. Let Arktura apply its proprietary, algorithmic software and manufacturing expertise to transfer any image or pattern into perforated metal panels. Like our Vapor® Family of Products, these are fully compatible with Arktura's Vertika® wall channel and standard grid systems, to make installation across walls and ceilings effortless. Add available custom color, Soft Sound® acoustic backer panels, and Arktura's integrated lighting, and the opportunities are truly endless.



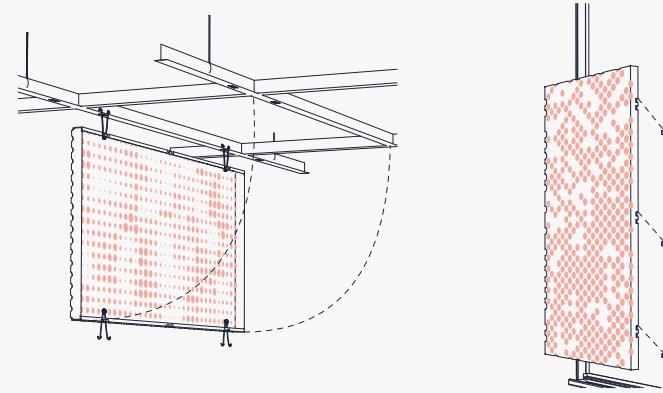
Reduce Noise & Enhance Acoustics

Vapor® Graphic Perf®'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.



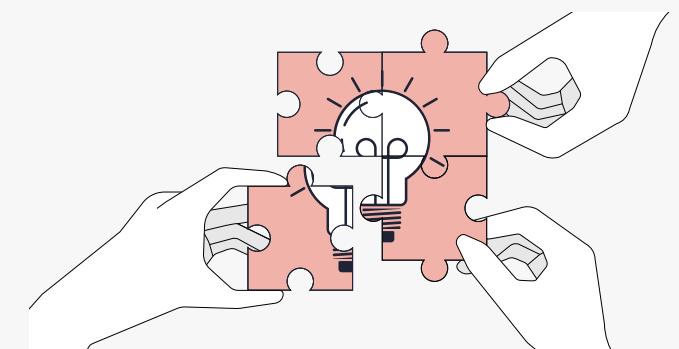
Integrated Lighting Options

Integrate illumination and lighting effects to your projects with Arktura's offering of lighting solutions such as InLine or Backlight.



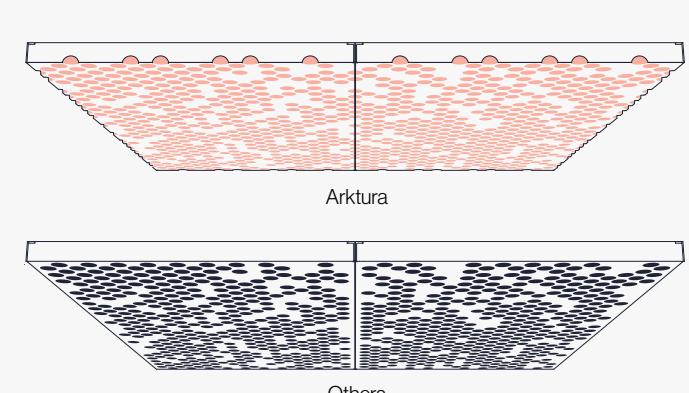
Easy Installation & Access

Vapor® Graphic Perf® panels offer easy install and access across walls and ceilings through quick torsion spring attachment to standard grid systems and a simple hook-on attachment to our Vertika® channel system.



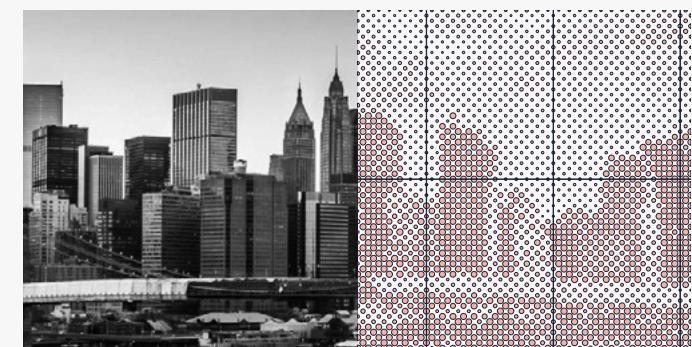
Collaborative Process

Our project managers translate your goals and design opportunities into a precise workflow. We factor in all base building criteria, then produce detailed software-generated shop drawings to guide our precision manufacturing.



Uninterrupted Pattern Across Panels

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



Customizable Pattern

Apply your creative vision to a standard system. We turn your image or custom pattern into easy-to-install perforated panels to create your desired effect across walls and ceilings.

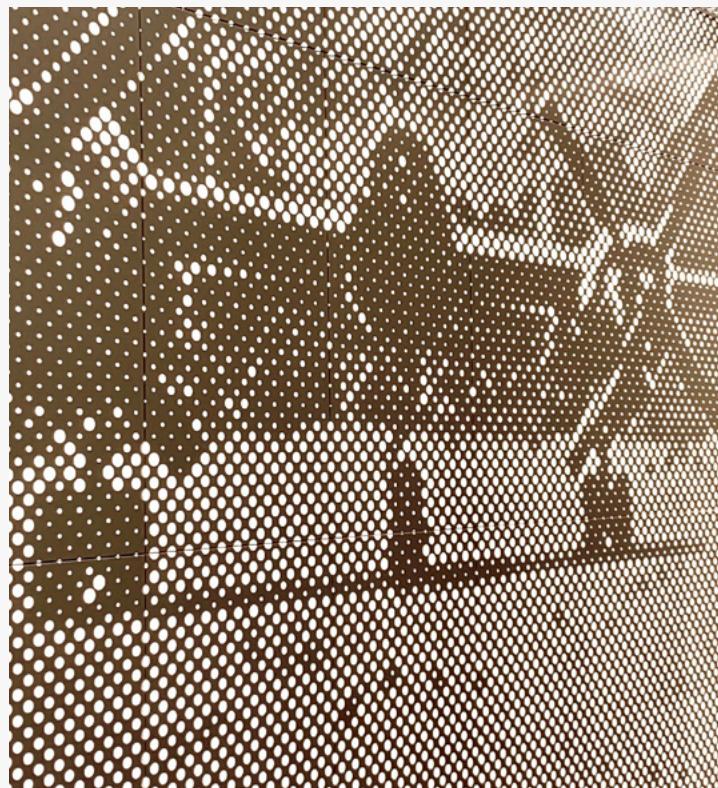
Inspiration



Create Eye-Catching Features



Differentiate Your Space with Unique Visuals



Illuminate Your Space with Arktura Backlighting

Overview

- 1 Graphic Perf Process
- 2 Understanding the System
- 3 Optional Accessories

- 4 Available Finishes
- 5 Product Specifications

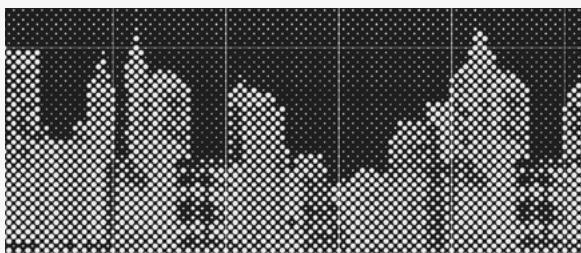
1 Graphic Perf Process

Option A: Photoreal



Your Image

The Graphic Perf® process starts with your image. Select the photo, logo, or graphic you want translated to metal. Inquire about available scripted options.



Translation

Our proprietary software help translate your image into pattern, spanning across panels to fit your desired space, and the needs of your project.



Perforation

We use state-of-the-art tools and techniques to precision manufacture seamlessly tileable grid compatible panels that bring your image to life.

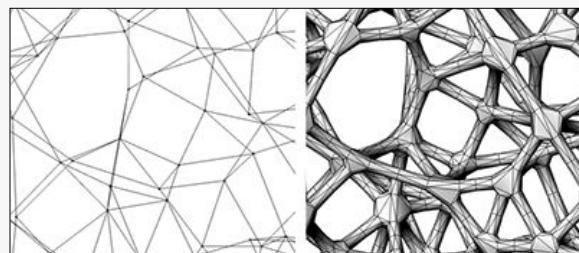


Option B: Scripted



Inspiration

You provide the reference, be it an image or sketch.



Computer Generated Artwork

Our software allows for a multitude of options to individually design each shape, perforation, and opening of your artwork.



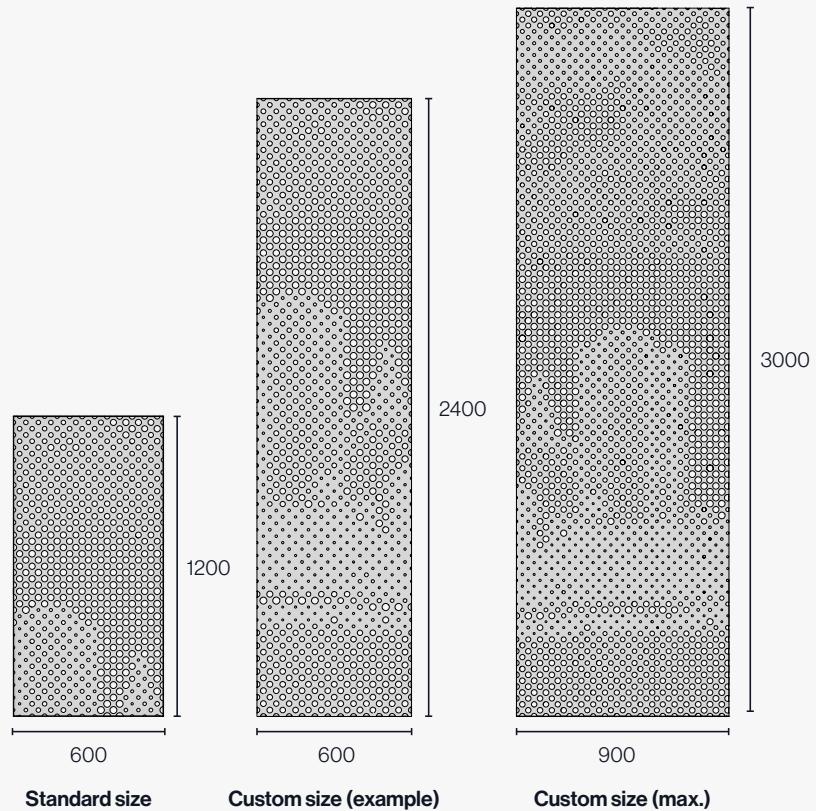
Perforation

We use state-of-the-art tools and techniques to precision manufacture seamlessly tileable grid compatible panels.

2 Understanding the System

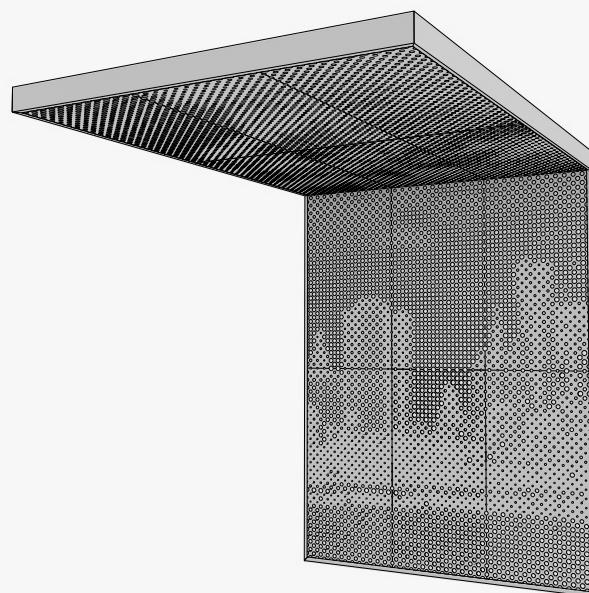
Standard Panel Sizes

Vapor® Graphic Perf® converts your design or image to metal across 24" x 48" panels, with custom sizes available up to 120" long and 36" wide.



Flexible Across Walls & Ceilings

Vapor® Graphic Perf® works equally well across walls or ceilings, and allows for seamless continuity of imagery and pattern across transition points.



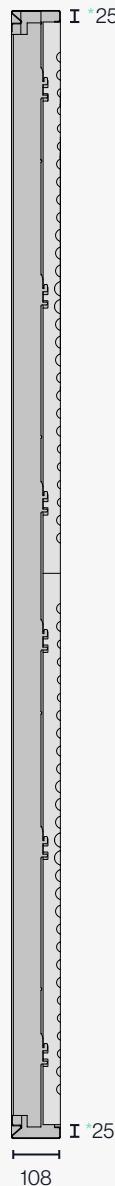
② Understanding the System

Understanding the Panel

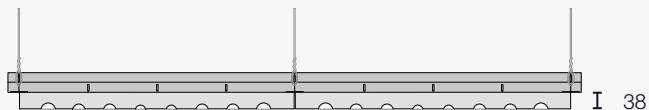
We lay out your image seamlessly across panels and provide easy-to-follow instructions to use during installation.

* Vertika® Trim

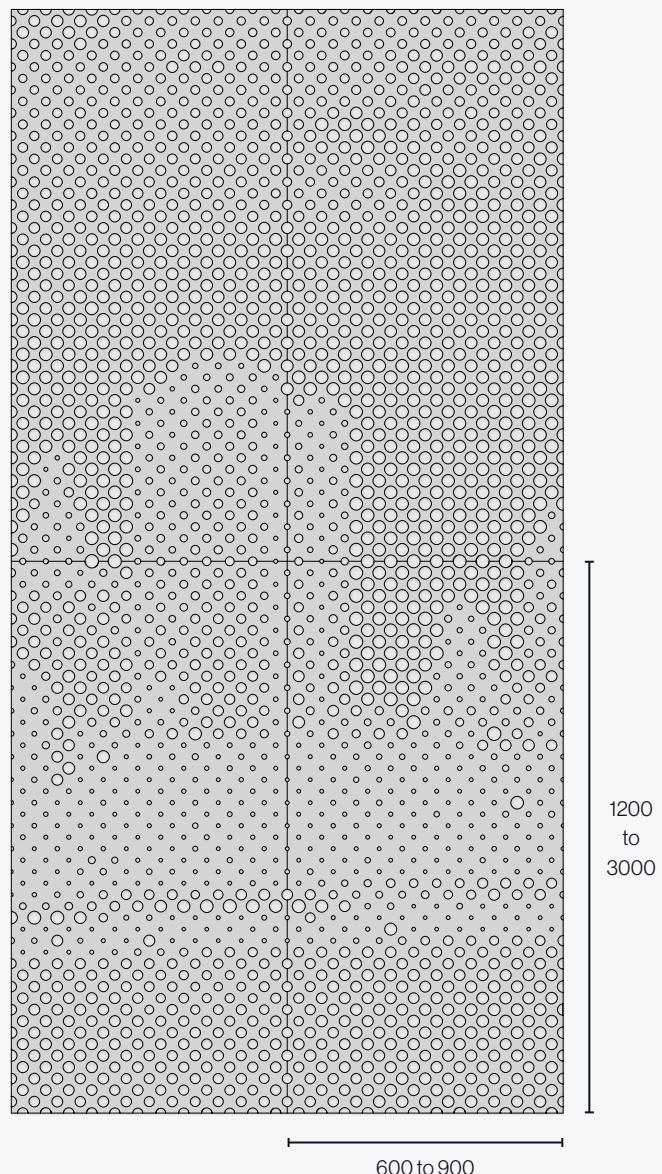
Wall Section



Ceiling Section



Panel Configuration, Wall or Ceiling



 All dimensions nominal.

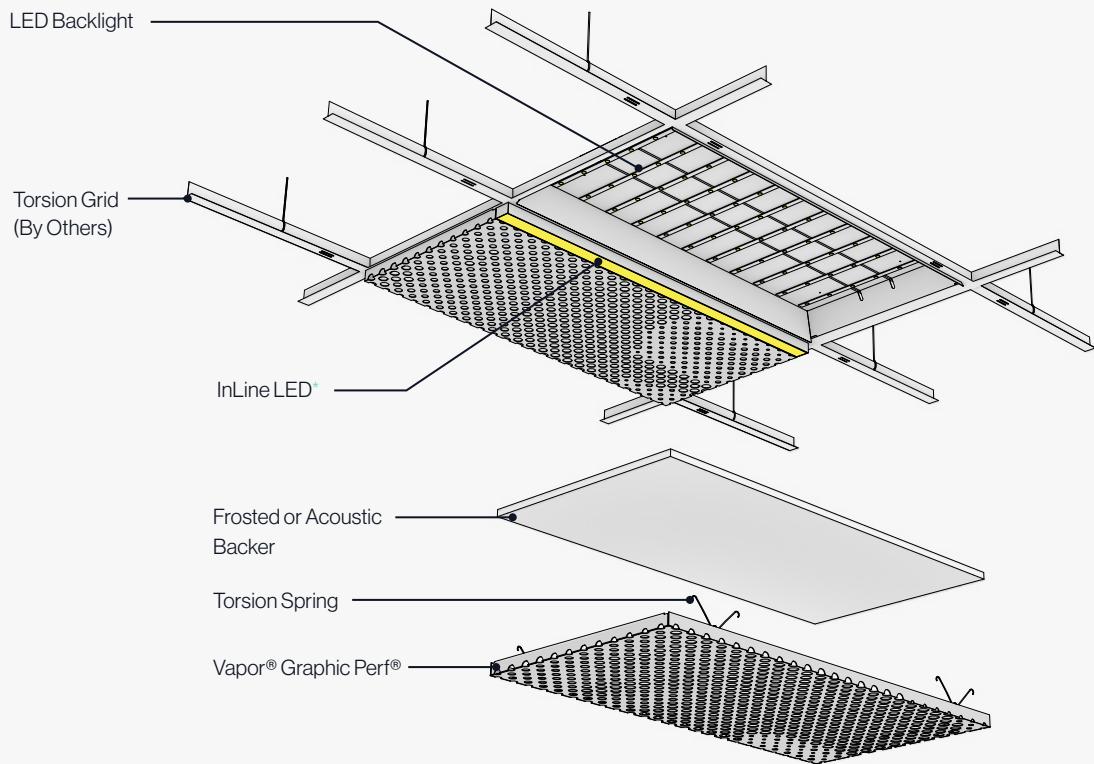
② Understanding the System

Accessory Options - Ceiling

- Frosted light diffusing backer
- 12mm acoustic backer
- Backlight
- InLine downlight

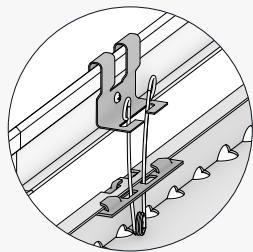
 Check out our Configuration examples on PAGE 11.

* A Specific Inline light panel is used to accomodate the width of the fixture within the 600 width.



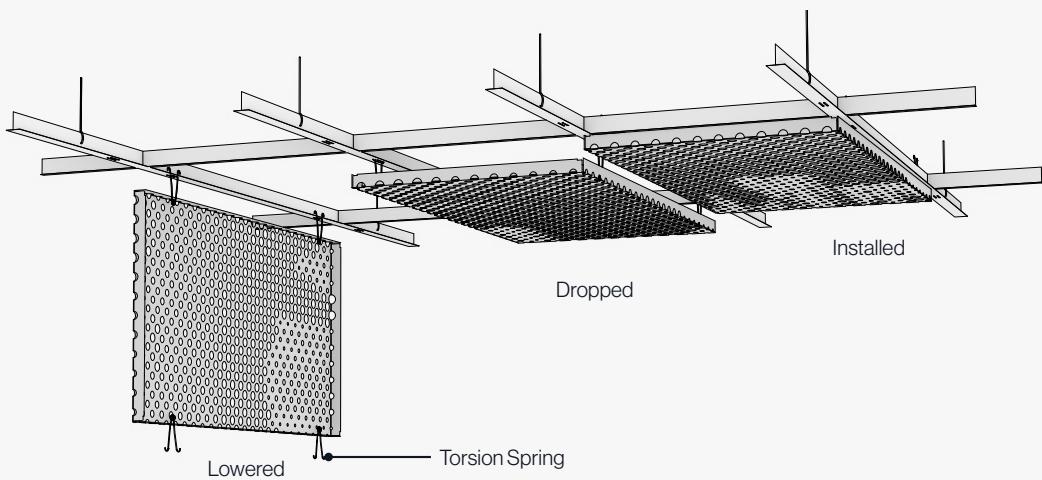
Torsion Spring Adapter Clip

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.



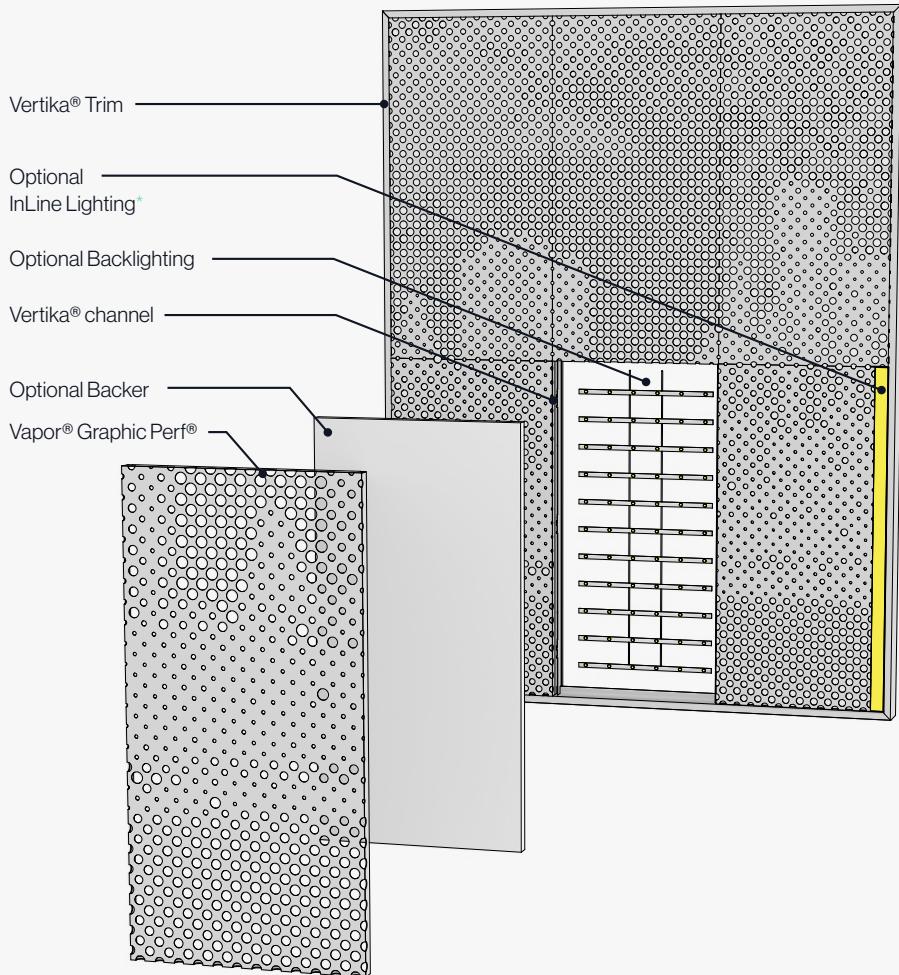
② Understanding the System

Accessory Options - Wall

- Frosted light diffusing backer
- 12 acoustic backer
- Backlight
- InLine light

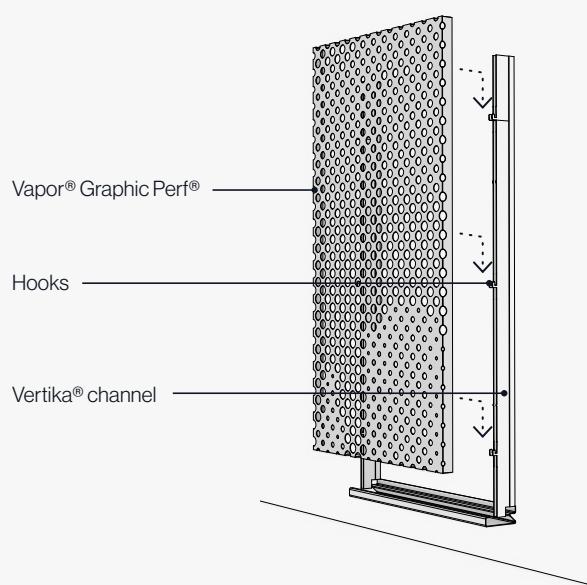
 Check out our Configuration examples on PAGE 11.

* A Specific Inline light panel is used to accomodate the width of the fixture within the 600 width.



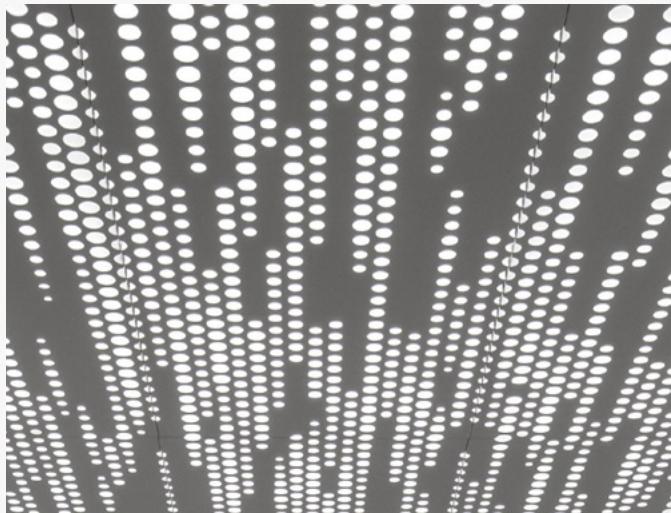
Attachment System - Wall

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



3 Optional Accessories

Lighting



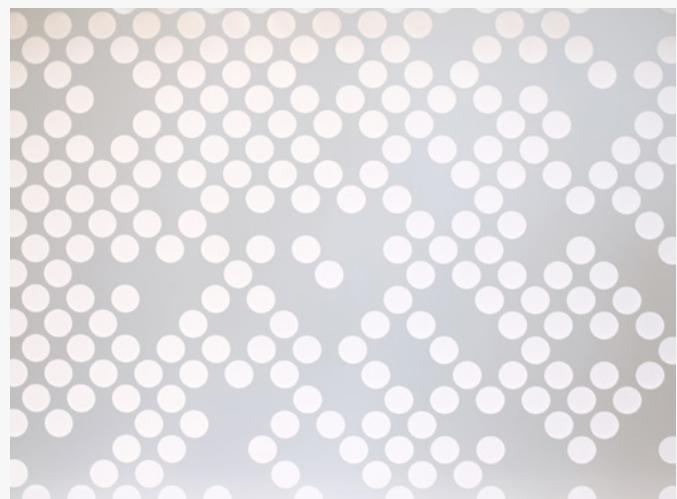
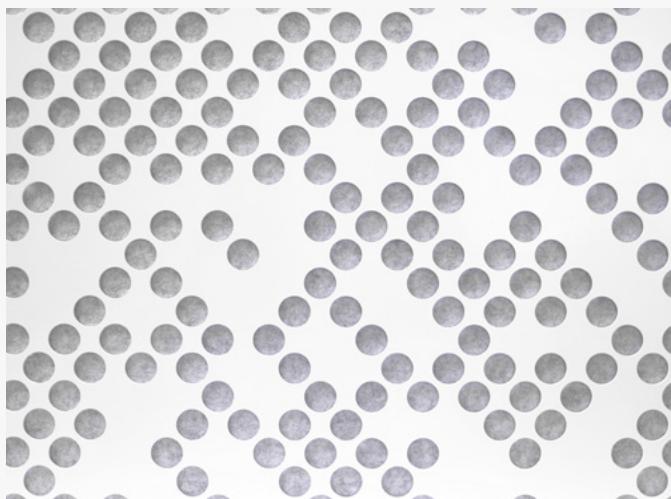
Backlighting

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. 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. Fixtures: 1200 and 2400 lengths. A special side-light Vapor® panel allows the light to straddle its 1200mm edge while staying within a 600mm 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.

 Illustrative diagrams. Perforations will be custom to your design.

③ Optional Accessories

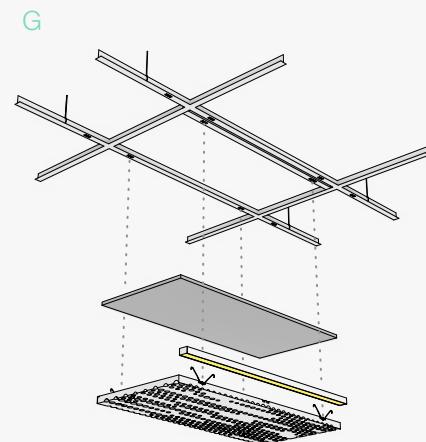
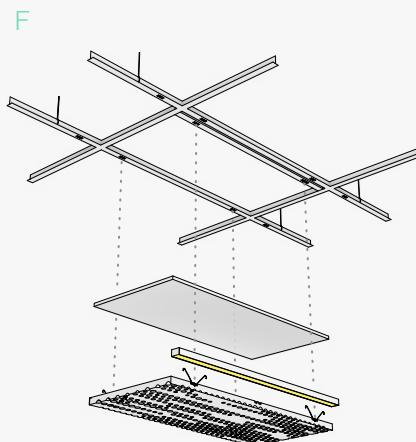
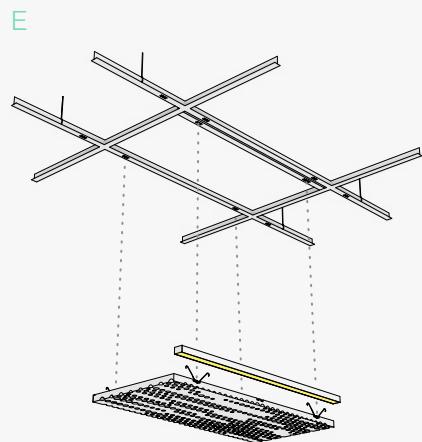
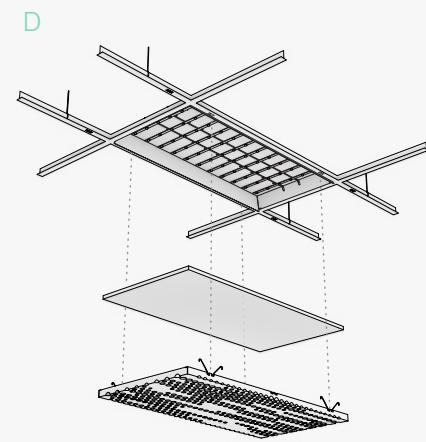
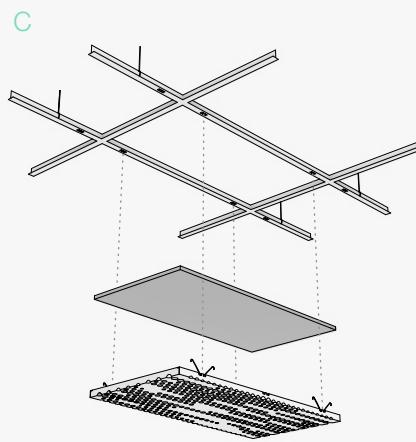
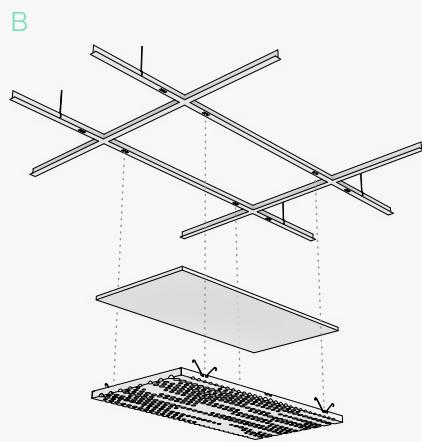
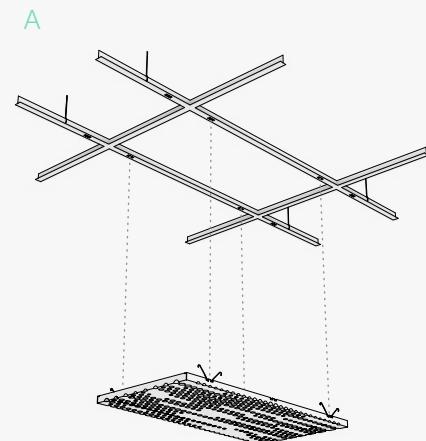
Possible Configurations

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 diagrams. Perforations will be custom to your design.

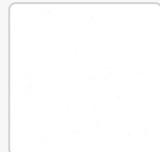
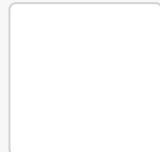
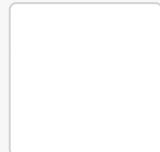
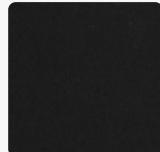
4

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)

Powder Coat

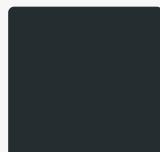
Premium Finish

Aviator Gray
(Gloss)Aviator Gray
(Matte)

Steel Gray



Shadow



Midnight



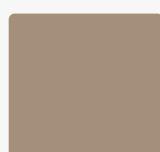
Coffee



Raw Umber



Caramel



Sandstone



Oat



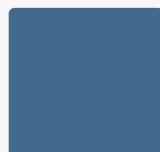
Sunflower



Torch

Spirit Red
(Matte)

Azure



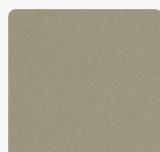
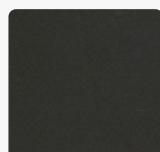
Blue Steel



Forest Green

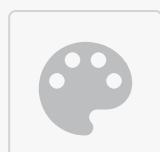
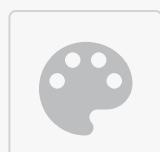
Powder Coat

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
RALNon-stock
Metallic

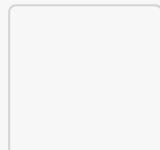
* This color was designed to pair with Armstrong color "WH" grid and trim.

④ Available Finishes

Optional Translucent Backer

Polycarbonate

Available in interior and UV stable exterior options.

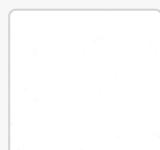


Frosted

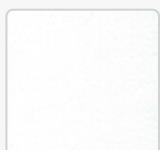
Optional Soft Sound® Backer

Soft Sound® Color Group A

Standard



White



Snow



Marble



Heather Gray



Graphite



Carbon



Onyx



Apple



Tangerine



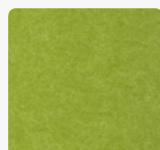
Lemon



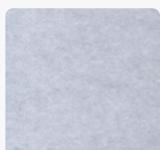
Taupe



Sand



Kiwi



Whisper



Sky Blue



Denim

Soft Sound® Wood Texture

Premium

Core



Face



Gray Ash

Core



Face



White Oak

Core



Face



Golden Oak

Core



Face



Oak

Core



Face



American Walnut

Core



Face

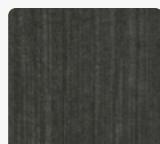


Charred Oak

Core



Face

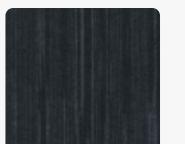


Charred Ash

Core



Face



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. 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.

5

Product Specifications & Certifications

System Specs

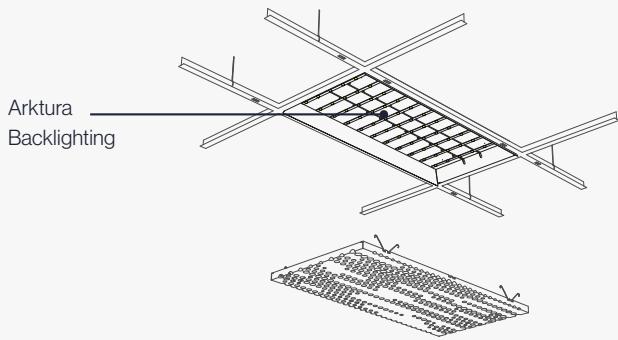
Panel Size (WxHxD)	600 x 1200 x 38 (Standard Size)	900 x 3000 x 38 (Custom Max. Size)
Material	Aluminum	
Openness in Plan	Varies by design	
Fire Rating	ASTM E84 - Class A	
Acoustics (with optional Soft Sound® backer)	True NRC™ Up to 0.90 (Pattern Dependent)	
Ceiling Attachment	Torsion Grid (By Others)	
Wall Attachment	Vertika® Wall (Refer to Vertika® Brochure)	
Accessibility	Torsion Spring Hinge	
Optional Accessories	Acoustic Backer, Translucent Backer, Backlight, InLine Light, Torsion Spring Adapter Clip	

Lighting Specs

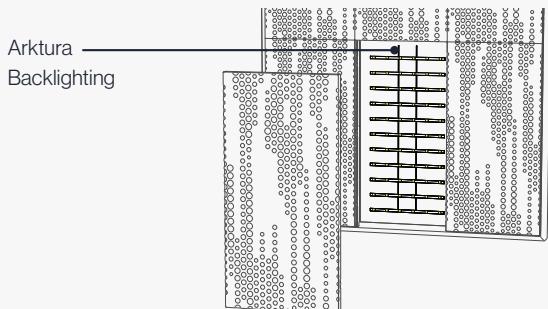
Arktura Backlighting

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

Ceiling



Vertika® Wall

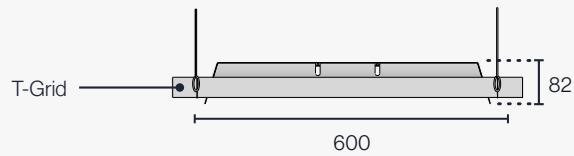


Specs

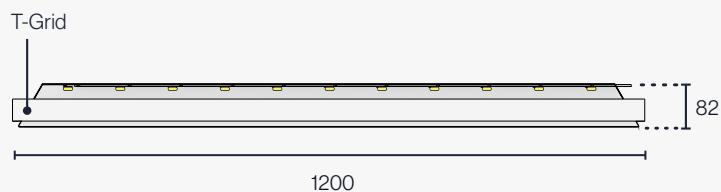
Product Features	Arktura Backlighting Eco	Arktura Backlighting
Total Lumens	2250 Lm/2x4 Panel	5940 Lm/2x4 Panel
Delivered Lumens	2250 Lm/2x4 Panel	5490 Lm/2x4 Panel
Powder Consumption	25 Watts 2x4 Panel	66 Watts 2x4 Panel
CRI	80+	
Color Temperatures	3000K, 3500K, 4100K	
Size (LxWxD)	2600 X 1200 X 76	
UL Rating	Listed	
Voltage	24 Volts	
Dimming Options	MLV, 1-10V, 0-10V	
Plenum Rated Wire	Standard	

Sections

Front view



Side view

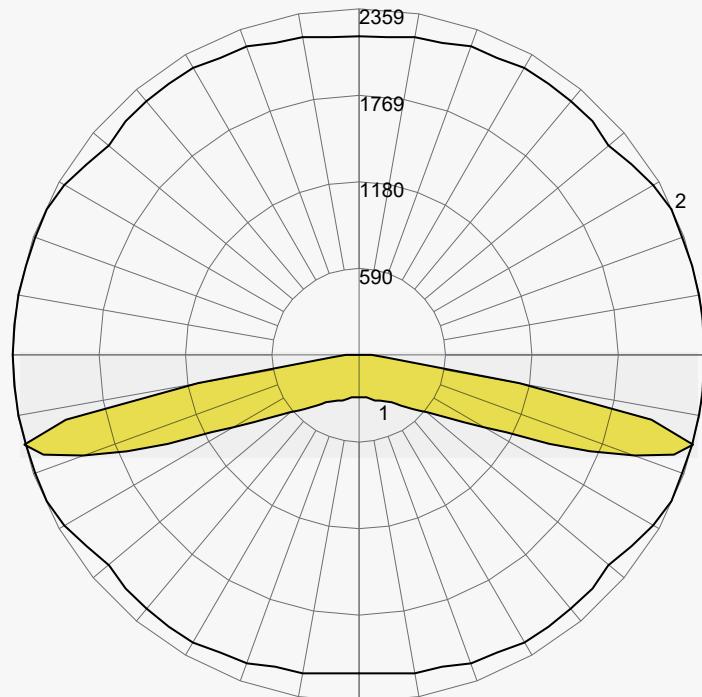


Photometric

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.)

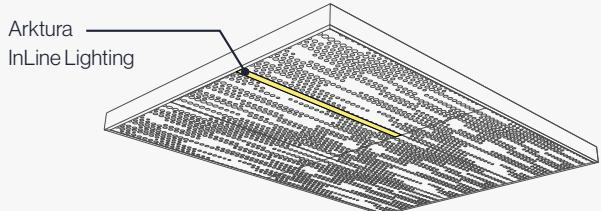


Lighting Specs

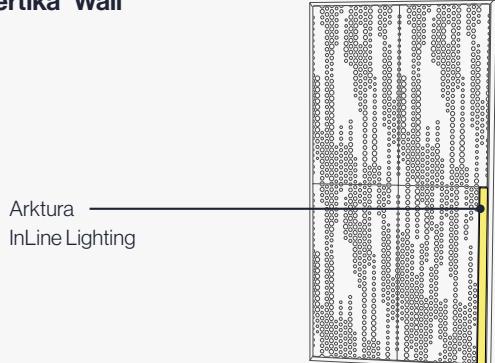
Arktura InLine Lighting

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

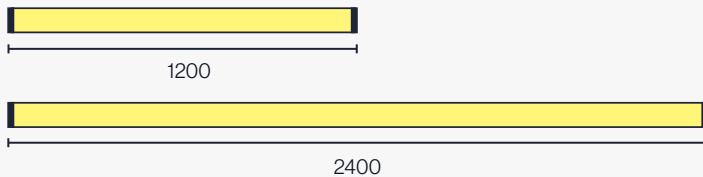
Ceiling



Vertika® Wall



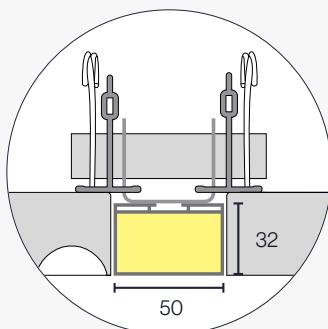
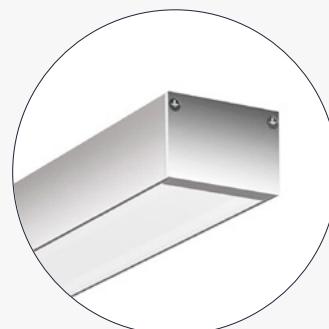
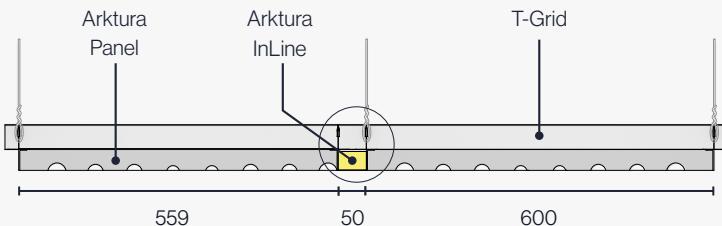
Side - Length Options



Specs

Product Features	Arktura InLine Eco	Arktura InLine
Total Lumens	640 Lm/Ft	1280 Lm/Ft
Delivered Lumens	480 Lm/Ft	960 Lm/Ft
Powder Consumption	6W/Ft	12W/Ft
CRI	95+	
Color Temperatures	3000K, 3500K, 4000K	
Size (LxWxD)	600 x 50 x 32, 2438 x 50 x 32	
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.)

