



Aera

A new era in downlights,
cylinders, and multi-apertures

LUMENWERX

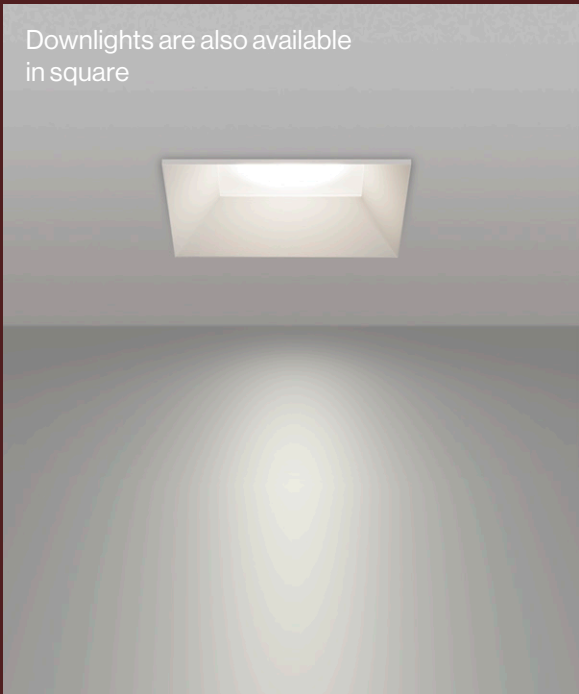


Aera
3" pendant cylinders
3" multi-aperture downlights

Aera Family

A new era in downlights, cylinders, and multi-apertures

Encased in minimalist housing that complements their high performance capabilities, the Aera lighting family goes about its business with quiet elegance. Composed of simple shapes, tasteful colors, and innovative technologies, Aera luminaires showcase the esthetic appeal and flexibility of their essential forms, while enriching every environment they inhabit with lighting solutions that are timeless, exacting, and powerful.



- True to size 2", 3", and 4"
- Industry-leading UGR
- Minimalist trims
- Recessed, pendant, and wall mount
- Adjustable, fixed, wall wash, and asymmetric
- Round and square downlights and multi-aperture





The **Aera family** has solutions to fit the unique challenges of any space.

Aera
3" recessed downlights
3" multi-aperture downlights ibid

XPoint™ Refraction Technology

No spill light
on trim or bevel

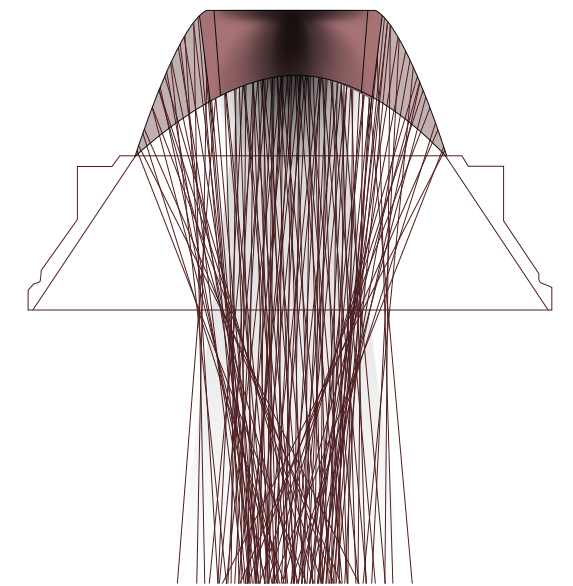
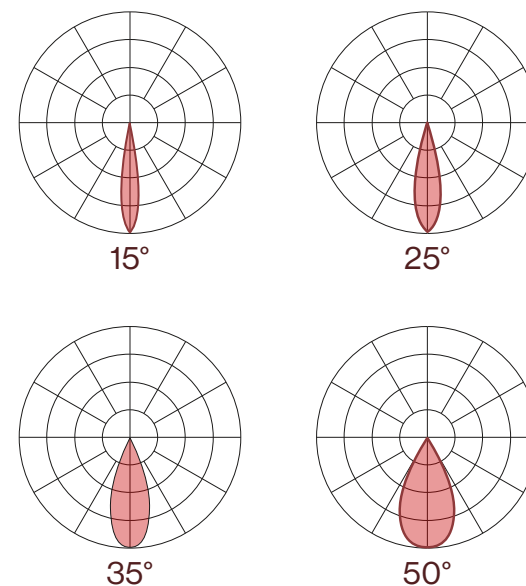
Low UGR
of <10 for
all beams

4 beam angles
plus wall wash

Quiet ceilings

Our advanced XPoint™ Refraction Technology uses micro optical paths that direct the light emitted from the COB (Chip On Board) to intersecting paths that meet in the center and disperse light in a precise direction for each beam angle. Not only does the optic have excellent performance, but it also has zero spill light when illumination exits the bevel or trim of the downlight or cylinder. XPoint™ technology creates soft well lit environments that have strong visual comfort.

XPoint™ technology enables crisscrossing light paths to exit the fixture with zero spill light.



Small, Simple, and Sophisticated

With their minimalist geometric esthetic and true-to-size precision, Aera’s trim options offer beauty and a sense of integrity as the visual base from which light displays its performance capabilities. For a quiet ceiling effect, Aera trims are available in five easy-to-match finishes and a custom RAL option. Once installed, their crisp and concise simplicity of design makes every Aera downlight appear as a natural fit to its surroundings.

Accessories to create added effects and beam control include the hex louver, Solite or “soft focus” lens, and spread lens.

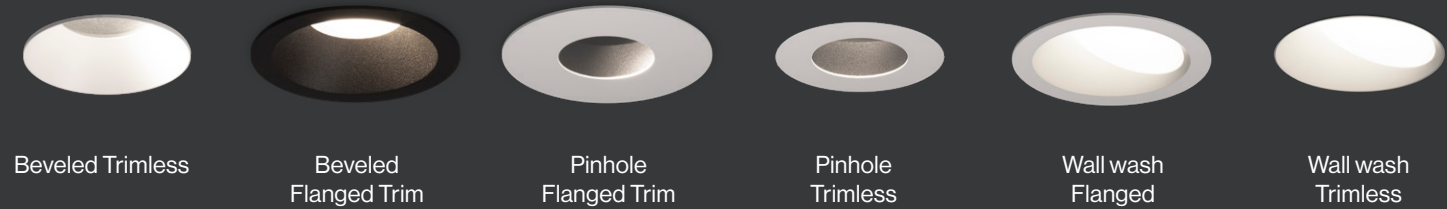
2 shapes



5+ finishes



6 trim styles





Aera's pure geometric shape provides interiors with design coherence and a balanced sense of order.

Aera
Square Trimless
2" recessed downlights



Wall Wash

Aera wall wash is available in downlights and cylinder versions of the family and offered in all three sizes of 2", 3", and 4". Aera offers excellent performance in wall wash application with a 3.42:1 uniformity ratio to create beautiful, smooth lighting effects without hot spots or shadows.

- Downlights and cylinders
- 2", 3" and 4"
- 3.42:1 uniformity ratio





Aera can create impact and drama with its adjustability, ideal for retail lighting applications to focus on key areas and displays.

Aera
2 x 2 array of 2" multi-apertures

Downlight and Cylinder Performance

Given that Aera downlights have such a low profile and Aera cylinders are quite slim, the family nonetheless performs outstandingly well. Based on a 4-tiered thermal management system, Aera downlights and cylinders emit up to 113 lm/W without sacrificing their light quality or their outstanding color distinction. Aera fixtures can also deliver a soft ceiling effect thanks to their unimposing trim and our own XPoint™ Refraction Technology. In addition, Aera cylinder pendants can be equipped with a soft uplight, while their wall mounted counterparts can accommodate matching up and down optics.

Up to
113 lm/W

Up to
97 CRI

Low UGR <10
in all beams

L90 at 150,000 hours

UGR (Unified Glare Rating) quantifies the predicted intensity of glare from an electric light source for a fixed set of conditions. It is measured on a psychometric discomfort scale ranging from 5 (no glare) to 40 (blinding glare). Lighting designers measure the UGR to optimize the visual comfort and wellbeing of the user.



Pinhole, bevel, and decorative bevel

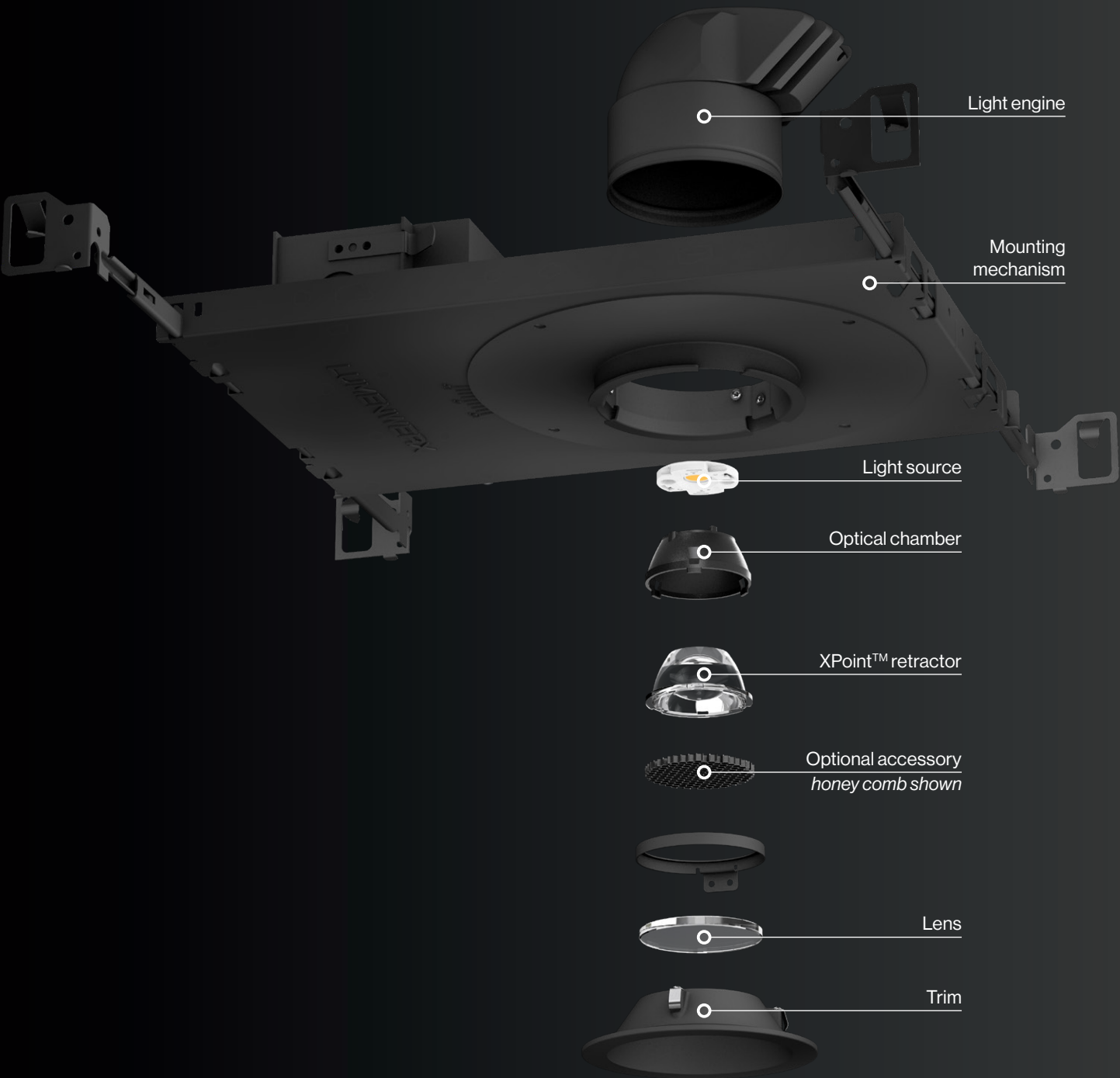


Aera provides great task lighting as well as useful ambient illumination.

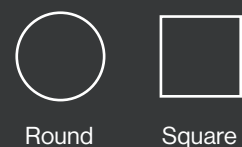
Aera
4" square downlight
4" round cylinders with uplight

Versatility

Downlights + Multi-apertures



Shapes



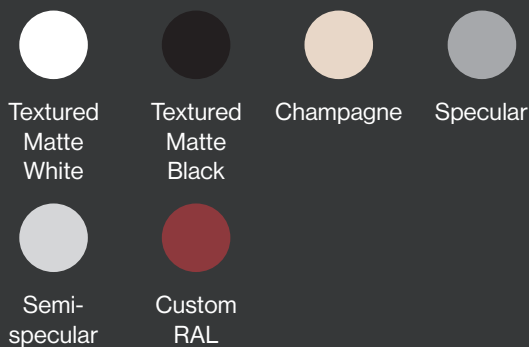
Aperture sizes

Round: 2", 3" and 4" Square: 2", 3" and 4"

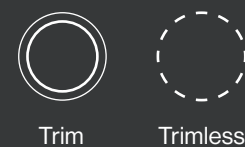
Color temperatures



Trim finishes



Trims



Color rendering options

80+ 90+ 95+ 97+

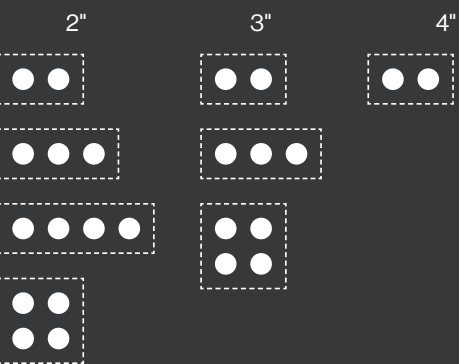
Distributions



Beam angles



Multi-aperture configurations





Aera
Millwork 4" round downlights

Downlight Mounting Options

To cover most application requests and requirements, Aera downlights are available in five mounting options: Open Frame, Insulated Ceiling, Chicago Plenum, Millwork, and Remodel. For confined areas like the plenum space, Aera is the ideal solution with its low profile and standard offerings available in depths less than 3". Four mounting bars along with standard bar hangers, commercial bar hangers, flush mount bars, and hat channel bars are all adjustable for a variety of applications.

Less than 3" in depth

5 mounting options

- Open Frame
 - Insulated Ceiling
 - Chicago Plenum
 - Millwork
 - Remodel
-

4 adjustable mounting bars

Cylinders

Aera's round cylinder lighting solutions, like their recessed downlight kin, possess the same subtle and refined esthetic that discreetly complements any space. The cylinders are also enriched with the same beam angles and optics that contribute to the family's outstanding performance. Our own XPoint™ Refraction Technology provides precise optical control despite the luminaire's slender profile.

Aera Cylinders are available in three standard sizes; 4", 8" and 12" with custom lengths available upon request.

- Bevel, decorative bevel, pinhole, asymmetric, and wall wash trims
- True to size 2", 3", and 4" diameters
- 4", 8", and 12" heights & custom
- Pendant, wall, & surface mounted



Aera
3" cylinder with decorative bevel,
12" in height



Versatility

Cylinder

Shapes



Round

Color temperatures



2700K



3000K



3500K



4000K



SOLA



DUO



Full Spectrum LED

Finishes



Textured Matte White



Textured Matte Black



Custom RAL

Trim finishes



Textured Matte White



Textured Matte Black



Champagne



Specular



Semi-specular



Custom RAL

Heights

4", 8" and 12"

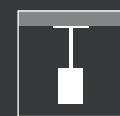
Aperture sizes

2", 3" and 4"

Color rendering options

80, 90, 95 and 97

Mounting options



Flat



Conduit



Direct



Surface



Wall

Distributions



Asymmetric



Fixed



Wall Wash

Beam angles



15°



25°



35°



50°



Uplight

Aera

3" cylinders pendant & wall mounted

3" round downlights in wall wash trim

Aera adds warmth and establishes rapport in restaurant settings, where comfort and familiarity are key to enjoying the space.

Cylinder Mounting Options

Aera cylinders come in pendant, surface, and wall mounted models.

Pendants can be mounted in four different ways— flat, conduit, direct feed, or deep flat— with a recessed driver box. They can be mounted with a stem (standard), swivel, power cord, or a fabric covered power cord

Surface installed models can be mounted directly with a flat junction box, conduit, direct feed, or deep flat with a remote driver.

Wall mounted cylinders are offered with a standard 4" wall bracket.

Pendant, surface,
and wall mounted
models

Flat, conduit, direct
feed, and deep flat
canopy types

Standard 4" wall
bracket for all
cylinders



Summary of the offering

2” Round



2” Square



Aperture Size

2.00”

Color temperatures



Trim finishes



3” Round



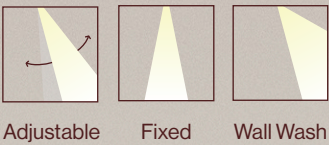
2” Square



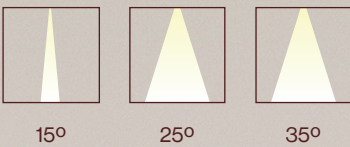
Aperture Size

3.00”

Distributions



Beam angles



Trim styles



4” Round



2” Square



Aperture Size

4.00”

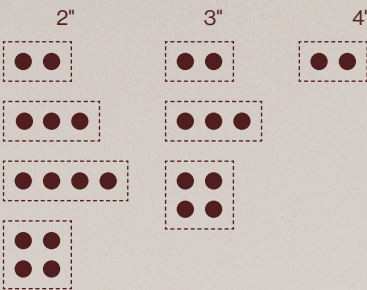
Trim



Color rendering options

80+ 90+ 95+ 97+

Multi-aperture configurations



2” Round



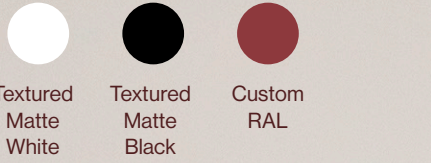
Aperture Size

2.00”

Color temperatures



Finishes



Trim finishes



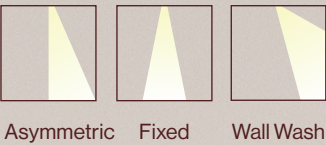
3” Round



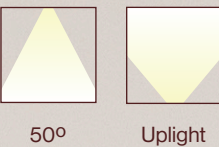
Aperture Size

3.00”

Distributions



Beam angles



Trim styles



4” Round



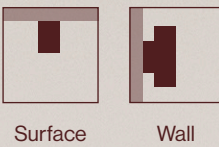
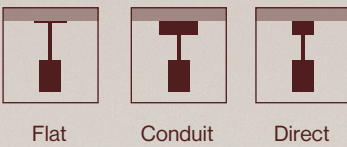
Aperture Size

4.00”

Heights



Mounting options



Color rendering options

80, 90, 95 and 97



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