

Lumenwerx 

Aera

A NEW ERA IN DOWNLIGHTS,
CYLINDERS, AND MULTI-APERTURES





Aera Family

A NEW ERA IN DOWNLIGHTS, CYLINDERS AND MULTI-APERTURES



Encased in minimalist housing that complements their high performance capabilities, the Aera family brings a touch of elegance to any space. Composed of simple shapes, tasteful colors, and innovative technologies, Aera luminaires showcase the aesthetic appeal and flexibility of their essential forms, while enriching every environment they inhabit with lighting solutions that are timeless and powerful.



NEW

AERA DEEP

2", 3" apertures, deep baffle, prism or smooth option, round or square shape

AERA DOWNLIGHTS

2", 3", 4" apertures, sleek design and outstanding performance



UP TO
113 lm/W

MOUNTING
Recessed, pendant, and wall

TRIMS
Minimalist

Industry-leading
UGR

SHAPE
Round (downlights & cylinders), square & multi-aperture (downlights)

Adjustable, fixed, wall wash, and asymmetric

AERA INFLEX

3", 4" apertures, internal tilting and rotational adjustability

AERA FLEX

3" aperture, external tilting and adjustability feature

AERA CYLINDERS

2", 3", 4", 5" apertures, lean, powerful, and comfortable light



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DOWNLIGHTS

Aera Deep
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NEW

ROUND

PRISM

2"

3"

SMOOTH

2"

3"

SQUARE

PRISM

2"

3"

SMOOTH

2"

3"

Aera
p.20

ROUND

2"

3"

4"

SQUARE

2"

3"

4"

Aera Adjustable
p.20

ROUND

2"

3"

4"

SQUARE

2"

3"

4"



Aera
Multi-Apertures
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ROUND

2"

3"

4"

SQUARE

2"

3"

4"

Aera Wall Wash
p.24

ROUND

2"

3"

4"

SQUARE

2"

3"

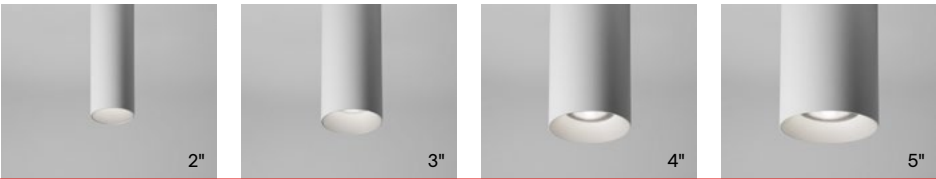
4"



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CYLINDERS

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Aera Wall Wash
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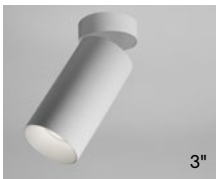


Aera Seal
p.50



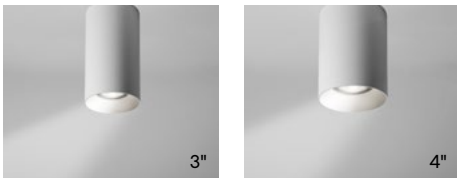
Aera Flex
p.42

ADJUSTABLE



Aera Inflex
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INTERNALLY ADJUSTABLE



Product: Aera 3 cylinder
Design: Syllable Inc.
Photography: Arnaud Marthouret
Date: 2023

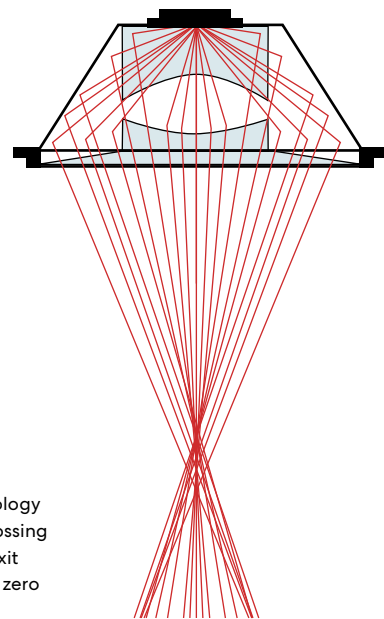




Our most innovative optic technology

XPoint™ Refraction

Our XPoint™ Refraction Technology integrated in Aera downlights and cylinders is a powerful optic for creating clean, quality beams of light without spill. Its micro-optical paths direct the light emitted from the COB (Chip On Board) to intersect and disperse perfectly in a specific direction for each beam angle. The resulting illumination is precise, soft and visually comfortable.



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

UP TO

113 lm/W

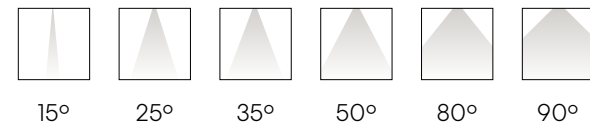
Low UGR < 10 in all beams

UP TO

95 CRI

L90 at 150,000 hours

Field interchangeable optics



Aera 3 Cylinder, close-up view of XPoint™ Refraction

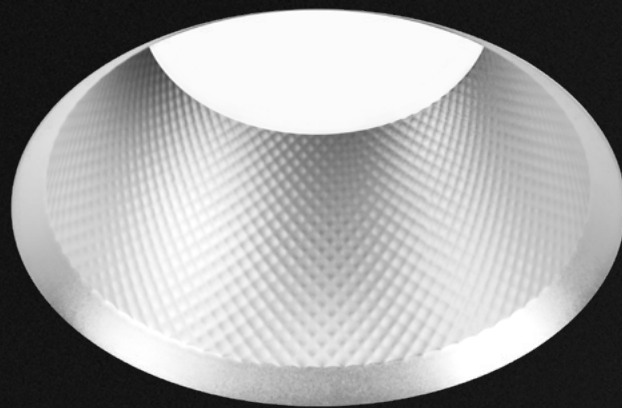


Downlights: Aera 4", round, trimless
Cylinders: Aera 4", surface

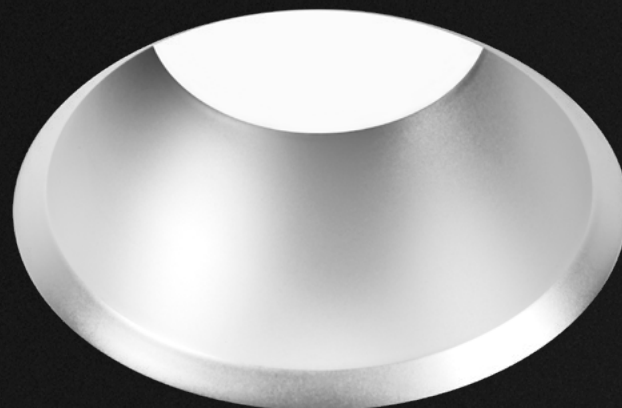
Aera's **sophisticated design** matches its impressive performance while revealing the **beauty** of architectural form.



NEW FAMILY MEMBERS



PRISM



SMOOTH



Aera 2, 3 Deep Downlights

Aera Deep downlights introduce a unique deep baffle feature to the Aera family, available with a prism or smooth texture. This depth allows for an exceptionally low glare quality of light (UGR as low as 1) and a visually quiet ceiling. Aera Deep comes in square or round models and 2" or 3" apertures. The high-performance family displays a precise coupling of optic and trim and can be installed as IC-rated, non-IC-rated, or Chicago Plenum-rated types.

SIZES

2" & 3"

SHAPES

Round & Square

DEEP BAFFLE OPTIONS

Prism & Smooth

UGR AS LOW AS 1

Glare-Free

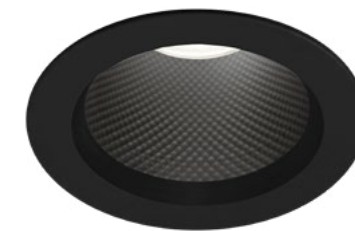
113 lm/W

TRIM OPTIONS

Flanged & Trimless

4 BAFFLE FINISHES

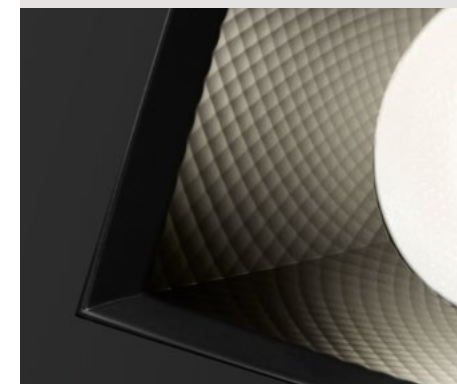
Precision Specular
Matte Silver
Matte Black
Matte White



AERA DEEP PRISM
FLANGED

DIAMOND PRISM OPTIC™ (DPO™)

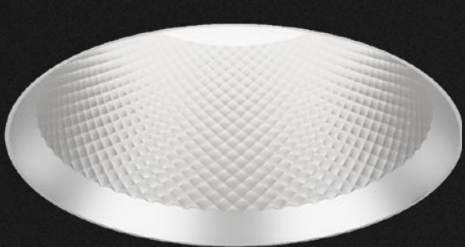
Aera Deep Prism downlights make use of the Diamond Prism Optic™ (DPO™), our patent-pending 3-tiered system meticulously crafted to refract and reflect beams with great precision, effectively keeping glare to a minimum while delivering light of exceptional quality and visual comfort.



Overview

Aera Deep Prism & Smooth

SHAPES	APERTURE SIZE	COLOR RENDERING OPTIONS
<div><div></div> Round</div> <div><div></div> Square</div>	2", 3"	80+, 90+, 95+
BAFFLE FINISHES	TRIM STYLES	TRIM FLANGE FINISHES
<div><div></div> Precision Specular</div> <div><div></div> Matte Silver</div> <div><div></div> Matte Black</div> <div><div></div> Matte White</div>	<div><div></div> Flanged</div> <div><div></div> Trimless</div>	<div><div></div> Matte Black</div> <div><div></div> Matte White</div>
COLOR TEMPERATURES	DISTRIBUTIONS	BEAM ANGLES
<div><div></div> 2700K</div> <div><div></div> 3000K</div> <div><div></div> 3500K</div> <div><div></div> 4000K</div> <div><div></div> Sola</div> <div><div></div> Duo</div> <div><div></div> Full Spectrum LED</div>	<div><div></div> Fixed</div>	<div><div></div> 15°</div> <div><div></div> 25°</div> <div><div></div> 35°</div> <div><div></div> 50°</div>
RATINGS & CERTIFICATIONS		
<div><div>L</div> Dry, Damp locations</div> <div><div>W</div> WELL</div>	<div><div>IC</div> IC-Rated Option</div> <div><div>CP</div> Chicago Plenum</div>	<div><div>5</div> 5-year warranty</div>



AERA 2" DEEP PRISM

Matte Silver



AERA 3" DEEP PRISM

Precision Specular



AERA 2" DEEP PRISM

Matte White



AERA 3" DEEP PRISM

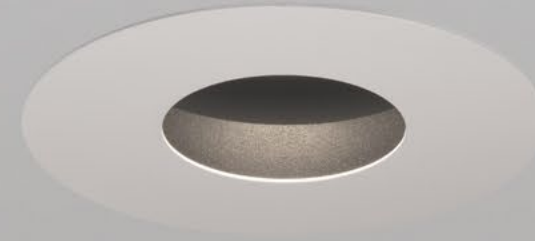
Matte Black



Beveled
Trimless



Beveled
Flanged Trim



Pinhole
Flanged Trim



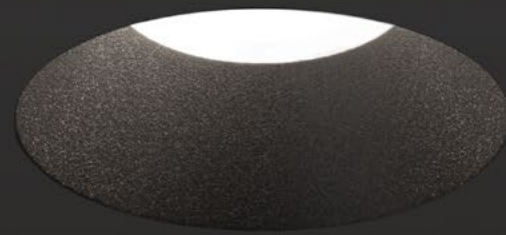
Wall wash
Trimless

Aera Downlights

Aera downlights are true to size and exude a minimalist aesthetic. They deliver outstanding performance, maximal eye comfort, and an industry-leading wall wash. Their versatility is unparalleled, with countless features and options to address any lighting project.



The square aperture creates **clean and crisp lines** of light, adding a **contemporary touch**.



Aera 3" Round
Trimless



Aera 2, 3, 4

Downlights

Aera downlights are optically equipped with proprietary XPoint™ Refraction Technology. They deliver high performance, low glare, and zero spill light on their bevels or trims. They showcase advanced design detail and construction and can be made-to-measure with a host of options.

SQUARE OPTION



Aera 3" Square
Trimless

TRUE TO SIZE DIAMETERS

2", 3", 4"

113 lm/W

Round, square
& multi-aperture

Adjustable,
fixed, wall wash,
& asymmetric

Field
interchangeable
optics

Low
UGR < 10 in
all beams

CERTIFICATIONS

Declare





Aera 3"
Multiple-Apertures,
Trimless



Aera 2, 3, 4 Multi- Apertures

Downlights

Aera multi-aperture fixtures have within the same housing a combination of 2, 3 or 4 modules, each of which can be specified individually with different combinations of distributions, beam angles, lenses, etc. Multi-apertures can address simultaneous applications through a single luminaire.

DIAMETERS

2", 3" & 4"

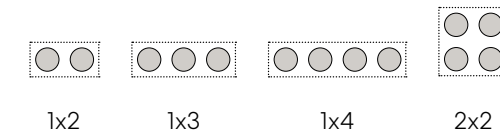
SHAPES

Round and Square

Adjustable, fixed,
wall wash

2 to 4
individually
customizable
modules in
one fixture

CONFIGURATIONS



1x2

1x3

1x4

2x2



Aera 2, 3, 4 Wall Wash

Downlights

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.

Aera wall wash is available in downlights and cylinder versions of the family and offered in 2", 3" and 4" apertures.

SIZES
2", 3", 4"

3.42:1
Uniformity Ratio*

*Aera 3" wall wash, 36" spacing, 24 " set-back, 9' wall height.



Aera 4" Round
Wall wash, Trimless



Aera 4" Sqaure
Wall wash, Trimless



Installation Options

Downlights

PLENUM CLEARANCE

As low as
2" 5/8

INSTALLATION OPTIONS:

Open Frame
Insulated Ceiling
Chicago Plenum
Remodel

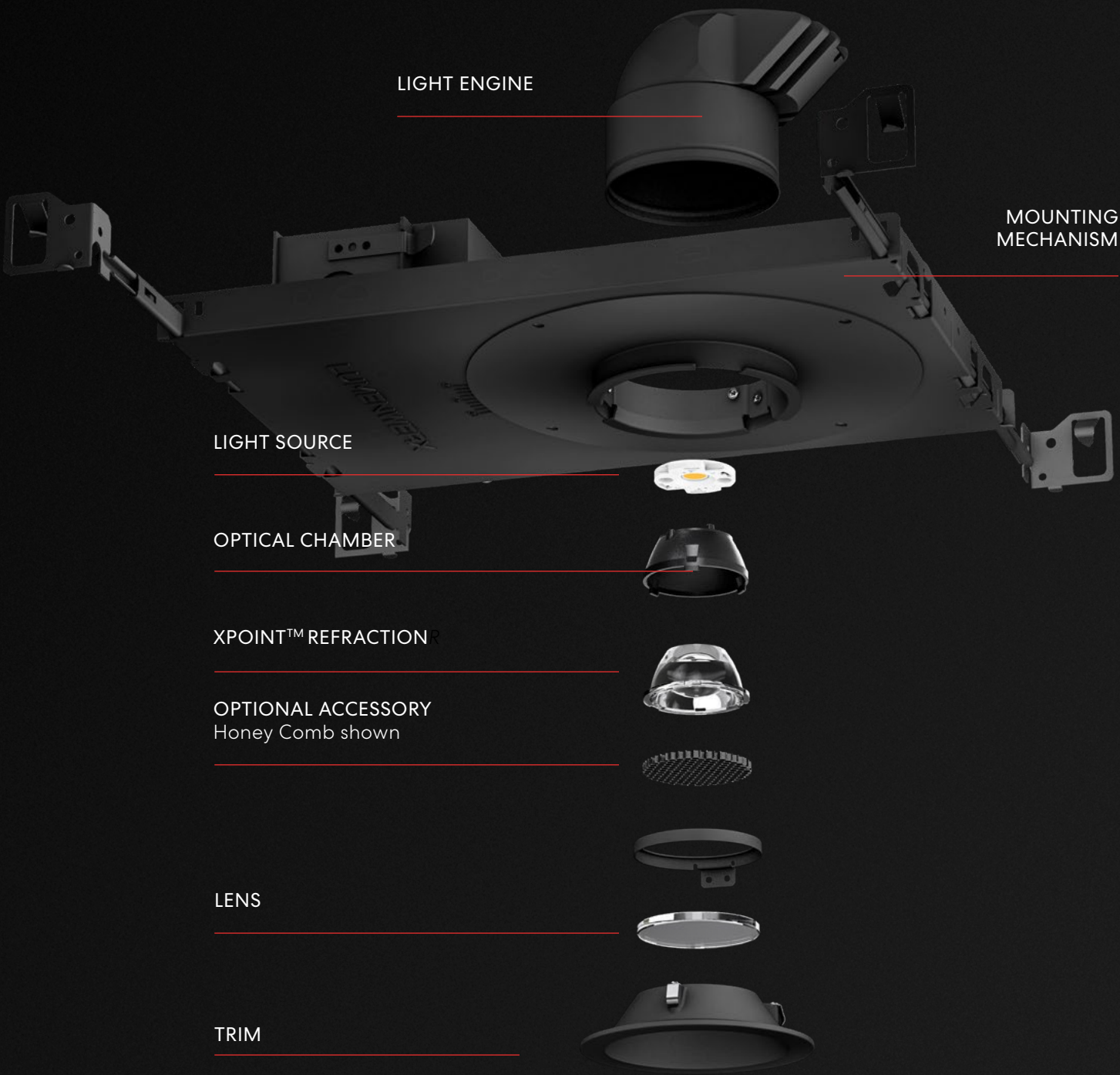
CEILING TYPES

Drywall
Millwork
Acoustic Tile
& more

Aera downlights are available for New Construction and Remodel to cover typical installation requirements. For confined areas like the plenum space, Aera is the ideal solution with its low profile available in depths as low as 2 5/8". The family offers four mounting bar options: standard bar hangers, commercial bar hangers, flush mount bars, and hat channel bars, all adjustable for a variety of applications.



Aera 3,
Millwork option





Textured
Matte White



Textured
Matte Black



Specular



Semi-Specular



Champagne
+ Custom RAL

Customize with options

Aera is offered with bevelled, pinhole or wall wash trim details; they complement the minimalist geometric aesthetic of the family and can be flanged or trimless.

The product line offers five standard finishes and custom RAL options for the baffle and flange, not to mention accessories such as the hex louver, a Solite or soft-focus lens, and a spread lens to produce added effects and achieve the right light for your particular application.

Our SOLA (Dim to warm) and DUO (Tunable White) are now available in two CCT ranges and five beam angles with increased performance, allowing you the flexibility for your lighting applications.

SHAPES

- Round
- Square

ACCESSORIES

- Hex Louver
- Spread Lens
- Clear Lens

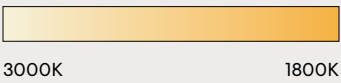
- Frosted diffused lens
- Soft diffused lens, Solite

TRIM STYLES

		
Beveled Trimless	Beveled Flanged Trim	Pinhole Flanged Trim
		
Pinhole Trimless	Wall wash Flanged	Wall Wash Trimless

NEW CCT RANGES

DIM TO WARM: SOLA



TUNABLE WHITE: DUO





Overview

Downlights

SHAPES	APERTURE SIZE	COLOR RENDERING OPTIONS	COLOR TEMPERATURES
<div><div>○</div>Round</div> <div><div>□</div>Square</div>	2", 3", 4"	80+, 90+, 95+	<div><div>●</div>2700K</div> <div><div>●</div>3000K</div> <div><div>●</div>3500K</div> <div><div>●</div>4000K</div> <div><div>☀</div>Sola</div> <div><div>☀</div>Duo</div> <div><div>☀</div>Full Spectrum LED</div>
TRIM	TRIM STYLES	TRIM FINISHES	
<div><div>○</div>Recessed Trimless</div> <div><div>○</div>Recessed Trim</div>	<div><div>BEVEL</div><div><div>○</div>Flanged</div><div><div>○</div>Trimless</div><div><div>○</div>WW Flanged</div><div><div>○</div>WW Trimles</div></div> <div><div>PINHOLE</div><div><div>○</div>Flanged Trim</div><div><div>○</div>Trimless Drywall</div></div>	<div><div>●</div>Textured Matte Black</div> <div><div>○</div>Textured Matte White</div> <div><div>●</div>Champagne</div> <div><div>●</div>Specular</div> <div><div>●</div>Semi-specular</div> <div><div>●</div>Custom RAL</div>	
DISTRIBUTIONS	BEAM ANGLES	MULTI-APERTURE CONFIGURATIONS	
<div><div>↙</div>Adjustable</div> <div><div>▲</div>Fixed</div> <div><div>▬</div>Wall Wash</div>	<div><div>▲</div>15°</div> <div><div>▲</div>25°</div> <div><div>▲</div>35°</div> <div><div>▲</div>50°</div> <div><div>▲</div>80°</div> <div><div>▲</div>90°</div> <div>Low UGR <10 in 15°, 25°, 35°, and 50° beams</div>	<div><div>2", 3" & 4"</div><div><div>○</div><div>○</div></div><div><div>○</div><div>○</div><div>○</div></div><div><div>○</div><div>○</div><div>○</div><div>○</div></div><div><div>○</div><div>○</div><div>○</div><div>○</div><div>○</div></div></div>	
RATINGS & CERTIFICATIONS			
<div><div>5</div>5-year warranty</div> <div><div>E</div>Energy Star</div>	<div><div>D</div>Declare label</div> <div><div>J8</div>JA8 Title 24</div>	<div><div>CP</div>Chicago Plenum</div> <div><div>IC</div>IC-Rated Option</div>	<div><div>L</div>Dry, Damp, Wet locations</div>



Aera 2" square, trimless



Aera

Cylinders

Aera cylinders pack a powerful punch from their slim and elegant profiles. Not only do they emit up to 113 lm/W, but they also provide top-notch visual comfort with a UGR of <10 for all beams.



Aera 4" Cylinder Bevel
Aera 4" Cylinder Pinhole
Aera 3" Cylinder Wall wash



View of reception area showing Aera 3" cylinders,
Kraft Heinz Canadian Headquarters, Toronto,
Ontario

Design: Syllable Inc.
Photography: Arnaud Marthouret
Date: 2023



Aera

2, 3, 4, 5

Cylinders

Aera 2, 3, 4, and 5 cylinders deliver high-quality light with efficacy up to 113 lm/W. Our patented XPoint™ Refraction optic technology allows for a quiet ceiling effect and is capable of up to 5600 lm delivered. Aera 5 is perfect for higher ceiling applications. Aera pendant and wall models can be equipped with indirect options.



Aera 2 cylinder, pendant, direct/indirect

TRUE TO SIZE DIAMETERS

2", 3",
4" & 5"

Bevel, Decorative
Bevel, Pinhole

Fixed and
Asymmetric

MOUNTING

Surface, pendant,
and wall

CERTIFICATIONS

Declare



Aera 2", 3", 4", and 5"
Cylinder pendant



Aera 2" Cylinder Wall
Aera 2" Downlight Trimless
Aera 3" Cylinder Pendant

Aera Cylinders excel in
hospitality applications, where
visual comfort is highly desirable.



Aera 3" Cylinder wall wash pendant
Aera 4" Cylinder wall wash surface



Aera Cylinder

Wall Wash

Aera Cylinder Wall Wash models deliver powerful, efficient lighting solutions. Available in multiple sizes and outputs.

UP TO
Uniformity*
3.42:1

HEIGHTS
4", 6", 8", 12"
+ custom

MOUNTING
Surface, Pendant

*Aera 3" Cylinder wall wash, surface, 36" spacing, 24 " set-back, 9' wall height.



Aera 3 Flex

Adjustable Cylinder



NEW ADJUSTABLE

The Aera 3 Flex Cylinder is adjustable, tilting upwards to 90 degrees and rotating 355 degrees. Mountable as a recessed, surface, pendant, or wall fixture, it brings to the Aera family added flexibility and more options to customize lighting effects.

DIAMETER

3"

HEIGHTS

4.5", 6"

UP TO

90° x 355°

Direct



MOUNTING

Recessed, Surface,
Pendant, Wall

Bevel, Pinhole,
and Decorative
Bevel

XPoint™
Refraction
Technology



Aera 3 Flex

Recessed Adjustable Cylinder

The Aera 3 Flex Recessed Cylinder features two trim options: the Flanged Trim and the Trimless Drywall Mudplate.

Aera 3 Flex Luminaire housing for new construction installations is made of a 20 gauge powder-coated steel open frame structure with an 18 gauge galvanized steel junction box. Mounting options include adjustable hanger bars, commercial bars, adjustable hat channel bars, and flush-mounted brackets.

Additionally, multiple hanger bars are available for different ceiling types, while recessed, direct mounting options offer adjustable and static mounting bars suitable for both commercial and residential applications.



NEW ADJUSTABLE





NEW INTERNAL ADJUSTABLE



Aera 3, 4 Inflex

Adjustable Cylinder

The Aera 3 and 4 Inflex Cylinders feature adjustable optics that can tilt 35 degrees and rotate 355 degrees, all while their cylindrical housings stay in their fixed position. Mountable as pendant or surface fixtures, they can serve to emphasize certain features of a space or add visual interest.

ADJUSTABILITY

35° x 355°

DIAMETERS

3", 4"

MOUNTING

Surface, Pendant

HEIGHTS

8", 12"

XPoint™ Refraction
Technology



Left: Aera Flex 3" Cylinder Pendant.
Center: Aera 3" downlight.
Right: Aera Inflex 3" Cylinder Surface.

Light-layering with Aera, Aera Flex, and Aera Inflex luminaires.



Aera 4 Seal

Cylinder

With its IP-66 rating, the Aera Seal Cylinder takes the Aera family's clean esthetic and performance assets to wet locations and outdoor environments. The Aera 4" Seal Cylinder delivers lighting that's visually comfortable with minimal glare.

IP66 rating

DIAMETER

4"

Direct/indirect option

UGR of <10

MOUNTING

Wall, Pendant, Surface



Aera 4" Seal Cylinder

Aera 4" seal Cylinder
surface and wall

Hôtel Le Jardin

Aera 4" Seal Cylinders illuminate
major outdoor areas of activity
and circulation.



Mounting Options

Cylinders

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.

MOUNTING

Surface, pendant, and wall

CANOPY TYPES

Flat, direct, conduit, and deep

Standard 4" wall bracket for all cylinders



Flat round canopy,
4" octagonal j-box



Direct mount round canopy



Deep round canopy,
driver in canopy



Conduit feed,
round canopy





Overview

Cylinders

SHAPES	COLOR RENDERING OPTIONS	APERTURE SIZE		HEIGHTS	
○ Round	80, 90, 95	AERA 2", 3", 4", 5"	AERA INFLEX 3", 4"	AERA 4", 6", 8", 12" + custom	AERA INFLEX 8", 12" + custom
		AERA FLEX 3"	AERA SEAL 4"	AERA FLEX 4.5", 6	AERA SEAL 6", 8", 12" + custom
COLOR TEMPERATURES		MOUNTING OPTIONS			
● 2700K	● Sola	AERA & AERA SEAL	AERA FLEX	AERA INFLEX	
● 3000K	● Duo	Pendant	Pendant	Pendant	
● 3500K	● Full Spectrum LED	Surface	Surface	Surface	
● 4000K		Wall	Recessed		
			Wall		
BEAM ANGLES		DISTRIBUTIONS		FINISHES	
15°	50°	AERA & AERA SEAL	AERA FLEX & INFLEX	● Textured Matte Black	
25°	80°	Direct	Direct	○ Textured Matte White	
35°	90°	Direct/Indirect		● Champagne	
		Wall Wash		● Wood	
		Asymmetric		● Custom RAL	
				○ Antimicrobial Silverwerx	
RATINGS & CERTIFICATIONS					
5	5-year warranty	D	Declare label	CP	Chicago Plenum
E	Energy Star	J8	JA8 Title 24	IC	IC-Rated Option
				L	Dry, Damp, Wet locations



Aera 5" cylinder surface
with conduit feed canopy

Aera 5" Cylinders
illuminate a vast lobby
from high above.



ALWAYS LIGHT
RIGHT

lumenwerx.com