

Lumenwerx 

Cylinders

VERSATILE, POWERFUL,
INNOVATIVE





FLAIR CYLINDERS

- 2" & 3" diameter
- Decorative series
- Refined proportions
- Attention to detail
- Smooth performance
- XPoint™ refraction technology

AERA CYLINDERS

- 2", 3", 4" & 5" diameter
- Most extensive family
- Multitude mounting options
- Premium performance
- IP66, Aera 4" Seal
- New adjustable Aera Flex & Aera Inflex
- XPoint™ refraction technology

CLUSTER CUBOIDS

- Based on 1.2" square cell
- 5 configurations
- Multiple array & trim options
- 5 louver options

VOILÀ CYLINDERS & CUBOIDS

- 2", 4" & 5" diameter
- Round & Square
- 8 beam angles
- Regressed lens option
- HyFlex™ optic

NEW

DOT, BOX, DOT CYLINDERS

- 1.5" & 2" aperture size
- Adjustable up to 90° tilt & up to 355° rotation
- CircaFlex™ technology

PETITE CYLINDERS

- 1" diameter
- Small and powerful
- Adjustable option
- Precise lighting with even distribution
- CircaFlex™ technology

Our cylinders come from various product lines. They share design sophistication and cutting-edge technologies that make them suitable for a wide variety of applications.

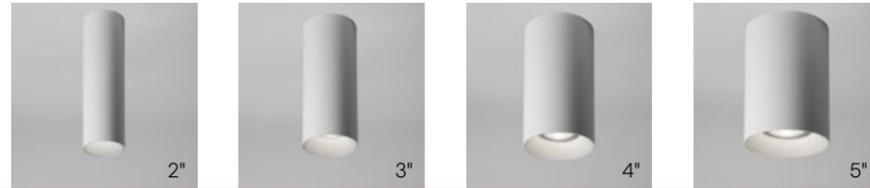
Cylinder families

Overview

FAMILY NAME	AERA	FLAIR	VOILÀ	DOT AND BOX	DOT CYLINDER	PETITE	CLUSTER
Aperture	2", 3", 4", 5"	2", 3"	2", 4"	1.5" (Dot), 2"	1.5", 2"	1"	1x1, 2x2, 3x3, 1x3, 1x5
Shape	Round	Round	Round, Square	Round, Square	Round	Round	Square, Rectangle
Models	Fixed, Assymetric, Wall wash, Flex, Inflex, Seal	Fixed	Fixed	Adjustable	Fixed	Fixed	Fixed, Wall wash
Mounting	Pendant, Surface, Recessed, Wall	Pendant, Surface, Wall	Pendant, Surface	Surface, Wall	Pendant	Pendant, Surface	Pendant, Surface
Light direction	Direct	Direct	Direct	Direct	Direct	Direct	Direct
	Direct/indirect	Direct/indirect					
UGR	As low as 1	As low as 3.8	As low as 8	As low as 11	As low as 11	As low as 7	As low as 7
Max lumen output	3285 lm	2145 lm	2078 lm	1260 lm	1260 lm	900 lm	1743 lm
Optical Technology	XPoint™	XPoint™	Hyflex™	CircaFlex™	CircaFlex™	CircaFlex™	CircaFlex™
	Zero spill light, clean beam of light	Zero spill light, clean beam of light	Clean beam angle, smooth field angle	Precise distribution without spill	Precise distribution without spill	Precise distribution without spill	Precise distribution without spill
Peak candela per lumen	up to 7.36 cd/lm	up to 4.09 cd/lm	up to 10.94 cd/lm	up to 4.87 cd/lm	up to 4.87 cd/lm	up to 6.5 cd/lm	up to 3.24 cd/lm
Beam distributions	15°, 25°, 35°, 50°, 80°, 90°, Wall wash	15°, 25°, 35°, 50°	10°, 20°, 30°, 40°, 50°, 60°, 75°, 90°	20°, 35°, 50°	20°, 35°, 50°	35°, 45°, 60°	15°, 25°, 30°, 35°, 45°, 55°, Wall wash
Baffle options	Bevel, Decorative bevel, Pinhole	Sleeve, Diffuser, Glow ring	Bevel	Bevel, Decorative bevel	Bevel, Decorative bevel	Bevel, Glow ring	Louver shape: Square, Conical, Hyperbolic, Parabolic, Wall wash
Height	4", 6", 8", 10" & 12" & Custom	6", 8" & 12" & Custom	4.5", 6", 9" & Custom	2.65" & 4"	6", 9", 12", 18" & Custom	6", 9", 12" & 18" & Custom	3", 8", 12" & Custom
Type of Canopy	Flat round	Flat round	Flat round	Flat round, square	Flat round square	Flat round	Flat Square
	Conduit feed round	Conduit feed round	Conduit feed round, square	Conduit feed round, square		Conduit feed round	
	Direct mount	Direct mount	Direct mount	Direct mount		Flat 3" round	Conduit feed
	Deep round	Deep round		Deep round		Deep round	Direct mount
Unique Features	Field interchangeable optics	4 diffuser options for indirect optic	3 Baffle positions: Flush, Regressed 0,5", Regressed 1"	Tilt angle, rotation: Dot: 90° X 355° Box: 90°, 355°	Same form factor as Pivot system	1" true to size	Remote or integral driver, multiple luminaires on same driver
	IP 66 option (Aera Seal)					Decorative cylinders	
	Tilt angle & rotation : Aera Flex : 90° X 355° Aera Inflex : 35° X 355°	Multiple accessories	Field interchangeable beam smoothing lenses			Soft diffuse lens accessory	
Certifications	Declare Label	Declare Label	Declare Label	Declare Label	Declare Label	Declare Label	Declare Label
	ENERGY STAR						
	Title 24 JA8						
	IP64 (Aera 4 Seal)						
	ETL	ETL	ETL	ETL	ETL	ETL	ETL

Cylinders

AERA p.9



AERA WALL WASH p.18



AERA SEAL p. 29

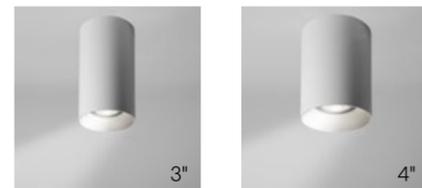


AERA FLEX
ADJUSTABLE p. 20



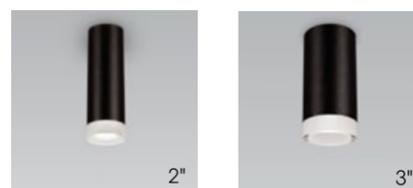
NEW

AREA INFLEX
INTERNALLY ADJUSTABLE p. 24

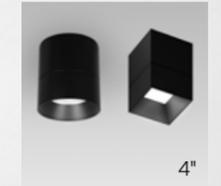


NEW

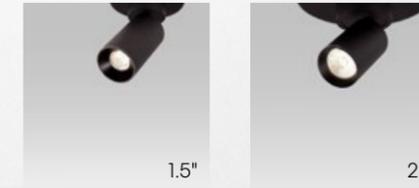
FLAIR p.35



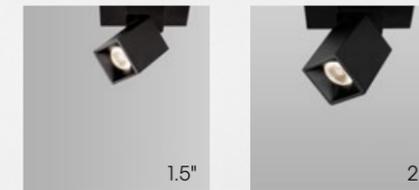
VOILÀ p.45



DOT p.53



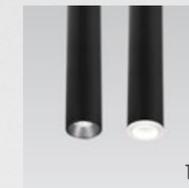
BOX p.53



DOT
CYLINDER p.53



PETITE p.61



NEW

CLUSTER p.67



CLUSTER
WALL
WASH p.72





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 <math><10</math> 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

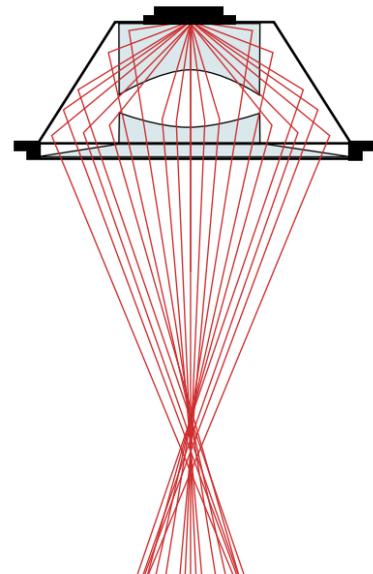
Design: Syllable Inc.
Photography: Arnaud Marthouret
Date: 2023

Our most innovative optic technology

XPoint™ Refraction

Our XPoint™ Refraction Technology 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



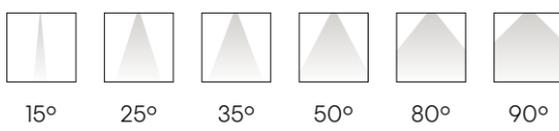
UP TO
113 lm/w

Low UGR <10 in all beams

UP TO
95 CRI

L90 at
150,000 hours

Field interchangeable optics



Aera 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,
Wall wash
& Asymmetric

MOUNTING

Surface, pendant,
and wall

CERTIFICATIONS



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



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

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

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

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.



3" diameter

HEIGHTS

4.5", 6"

Recessed, Surface,
Pendant, Wall

UP TO

90° x 355°

Direct

Bevel, Pinhole,
& Decorative Bevel

XPoint™ Refraction
Technology

Aera 3 Flex Recessed Adjustable Cylinder

NEW ADJUSTABLE

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.



Aera 3, 4 Inflex Adjustable Cylinder

NEW INTERNAL ADJUSTABLE

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





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

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

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.



Aera 4" Seal Cylinder

IP66 rating

DIAMETER

4"

Direct/indirect
option

UGR of <10

MOUNTING

Surface,
Pendant, Wall



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

Aera 4" seal Cylinder surface and wall

Overview

Aera Family



SHAPES



Round

COLOR TEMPERATURES



2700K



3000K



3500K



4000K



SOLA



DUO



Full Spectrum LED

FINISHES



Textured Matte White



Textured Matte Black



Champagne



Wood



Custom RAL



Antimicrobial Silverwerx

APERTURE SIZES

Aera	2", 3", 4", 5"
Aera Flex	3"
Aera Inflex	3", 4"
Aera Seal	4"

BEAM ANGLES



15°

25°

35°

50°



80°

90°

COLOR RENDERING OPTIONS

80, 90, 95

HEIGHTS

Aera	4", 6", 8", 12" + custom
Aera Flex	4.5", 6"
Aera Inflex	8", 12" + custom
Aera Seal	8", 12" + custom

MOUNTING OPTIONS

Aera and Aera Seal



Pendant Surface Wall

Aera Flex



Pendant Surface Recessed Wall

Aera Inflex



Pendant Surface

DISTRIBUTIONS

Aera and Aera Seal



Direct Direct/Indirect Wall Wash Asymmetric

Aera Flex and Inflex



Direct Adjustable



Flair

DECORATIVE CYLINDERS

The Flair Cylinder family of decorative luminaires consists of the Flair Sleeve, Flair Diffuser, and Flair Glow Ring.

Flair Cylinder Family

The Flair family include three models that enrich spaces with quality illumination and a clean modernist aesthetic. While the Flair Sleeve celebrates the essential geometric form of the cylinder, the Flair Diffuser sports a translucent cover on one or both ends for a tailored, sophisticated finish. The Flair Glow Ring Cylinder gives a slightly more streamlined look with its sleek glow ring detail.

DIAMETERS

2" Flair Diffuser

3" Flair Diffuser, Sleeve
and Glow Ring

HEIGHTS

6", 8", 12" + custom

MOUNTING

Surface,
Pendant, Wall

XPoint™ Refraction
Technology



3" Flair, Fully Frosted 3/4" Diffuser - Direct/Indirect Pendant
3" Flair, Partially Frosted 3/4" Diffuser - Direct/Indirect Wall



Define spaces and accentuate usage with cylinder fixtures and downlights.

Left: Flair Diffuser 3" Direct/Indirect Pendant
Center: Aera 3" Downlight Trimless and Arq Flair Pendant
Right: Flair Sleeve 3" Surface and Aera Flex Recessed

Direct distribution options



FLAIR SLEEVE

- 2 options:
- Flush sleeve
 - 1/4" sleeve



FLAIR DIFFUSER

- 3 options:
- Fully frosted 1/4" diffuser
 - Fully frosted 3/4" diffuser
 - Partially frosted 3/4" diffuser



FLAIR GLOW RING

- 3/4" Glow Ring

Overview

Flair

SHAPES



Round

COLOR TEMPERATURES



2700K



3000K



3500K



4000K



SOLA



DUO



Full Spectrum LED

FINISHES



Textured Matte Black



Textured Matte White



Custom RAL

OPTICAL OPTIONS

Flair Sleeve:

Brass, copper, black, white and custom

Flair Diffuser:

Fully frosted and partially frosted

Flair Glow Ring

HEIGHTS

6", 8", 12" + custom

APERTURE SIZES

2", 3"

COLOR RENDERING OPTIONS

80, 90, 95

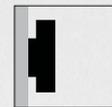
MOUNTING OPTIONS



Pendant



Surface



Wall

DISTRIBUTIONS



Direct



Direct/Indirect

BEAM ANGLES FOR SLEEVE AND GLOW RING



15°



25°



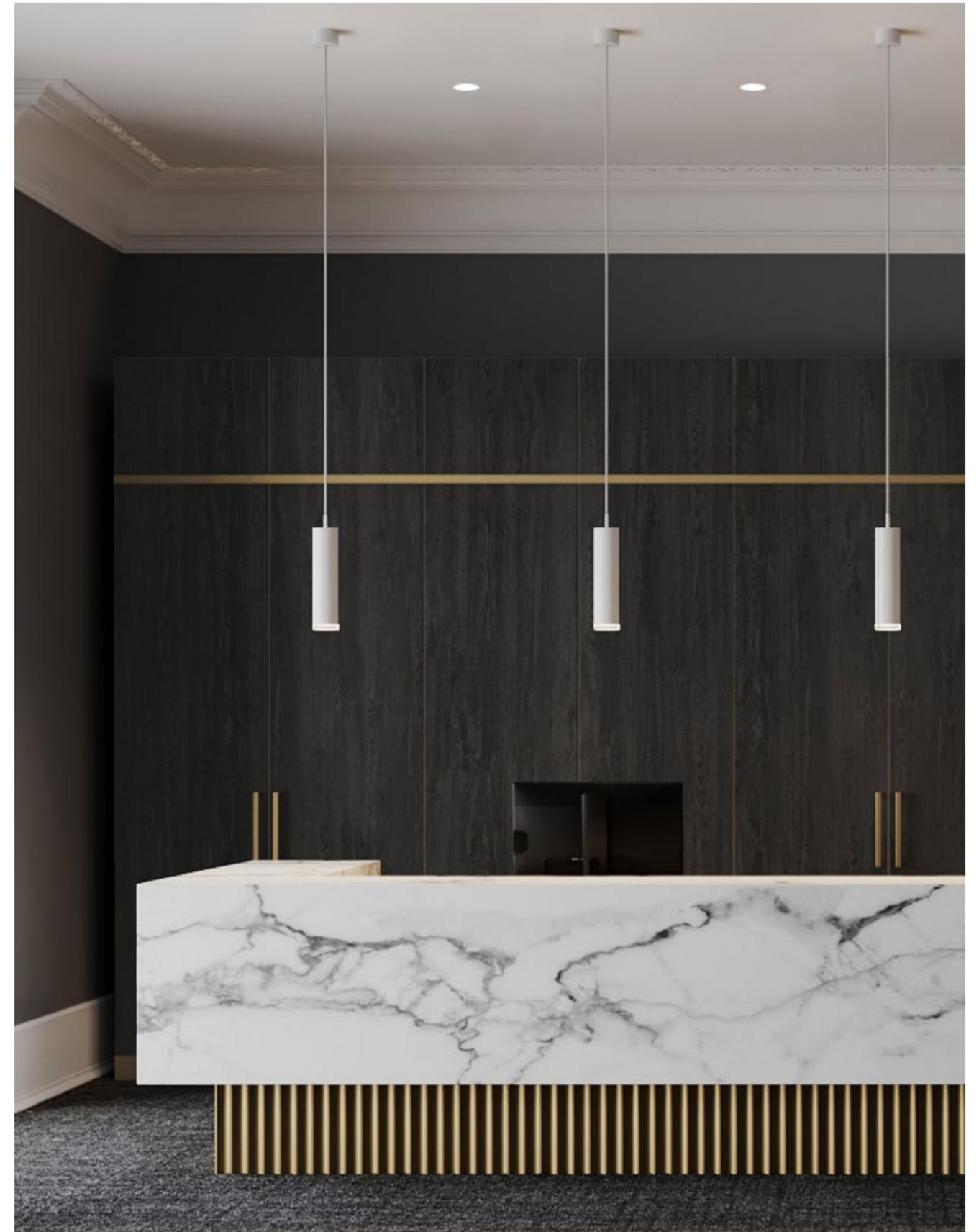
35°



50°



120°
(sleeve only)





Voilà 4" Cylinder
and Voilà 4" Cuboid

Voilà

CYLINDERS & CUBOIDS

Voilà Cylinders and Cuboids are designed with the same winning formula used for Voilà downlights, where precision craftsmanship and impeccable optics are combined to create a highly coveted series.

Voilà 2, 4 Cylinders

Voilà cylinders offer many possibilities as powerful luminaires and as elements of design in their own right bringing a diversity of light and interest to interior spaces.

2" & 4"

HEIGHTS

4.5", 6", 9"

128 lm/W

MOUNTING

Surface, Pendant

8

beam angles

HyFlex™ optic technology



Voilà 2" and 4" Cylinder
Voilà 4" Cuboid



Voilà Cylinders serve as **focal points** and **task lighting** for a reception area.

Overview

Voilà

SHAPES



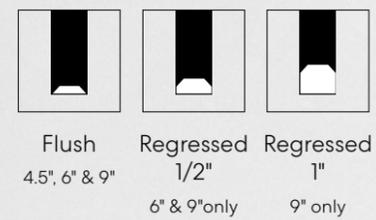
COLOR TEMPERATURES



FINISHES



BAFFLE POSITIONS



HEIGHTS

4.5", 6" and 9"

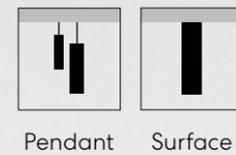
APERTURE SIZES

Round: 2" and 4" Square: 4"

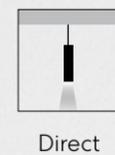
COLOR RENDERING OPTIONS

80, 90, 97

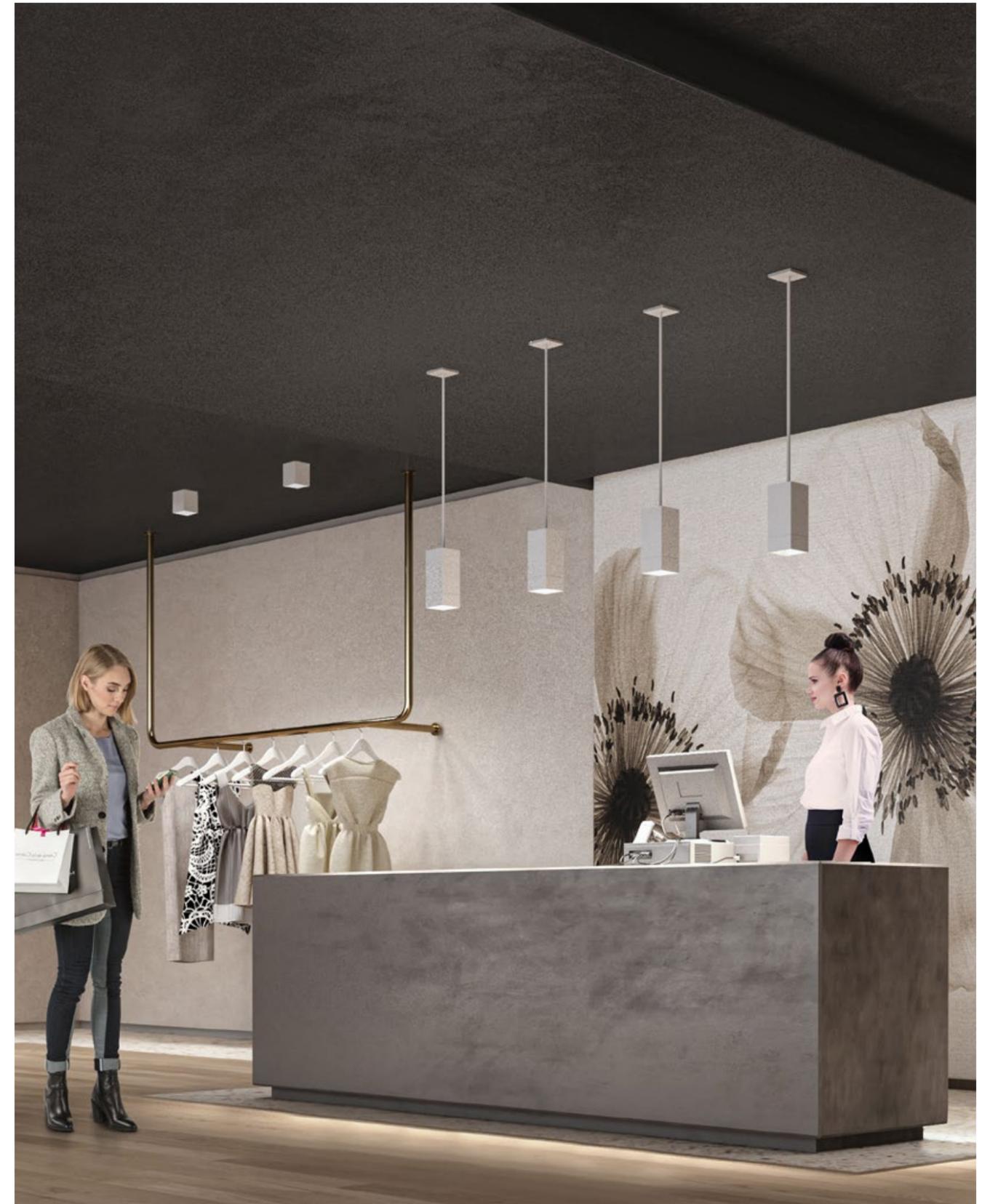
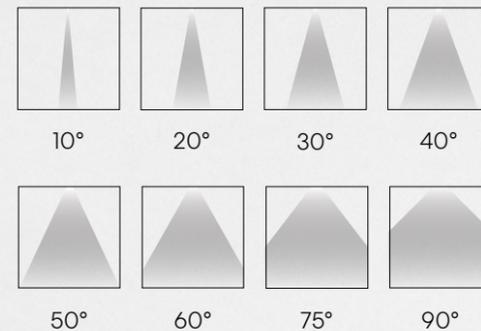
MOUNTING OPTIONS



DISTRIBUTIONS



BEAM ANGLES





Dot,
Box,
Dot Cylinder

Dot, Box, Dot Cylinder

The Dot, Box, and Dot Cylinder can be surface mounted on ceilings or walls, and are equipped with flat, conduit feed, or direct mount canopies, which can be round or square.

2 SIZES

1.5" and 2"

MOUNTING

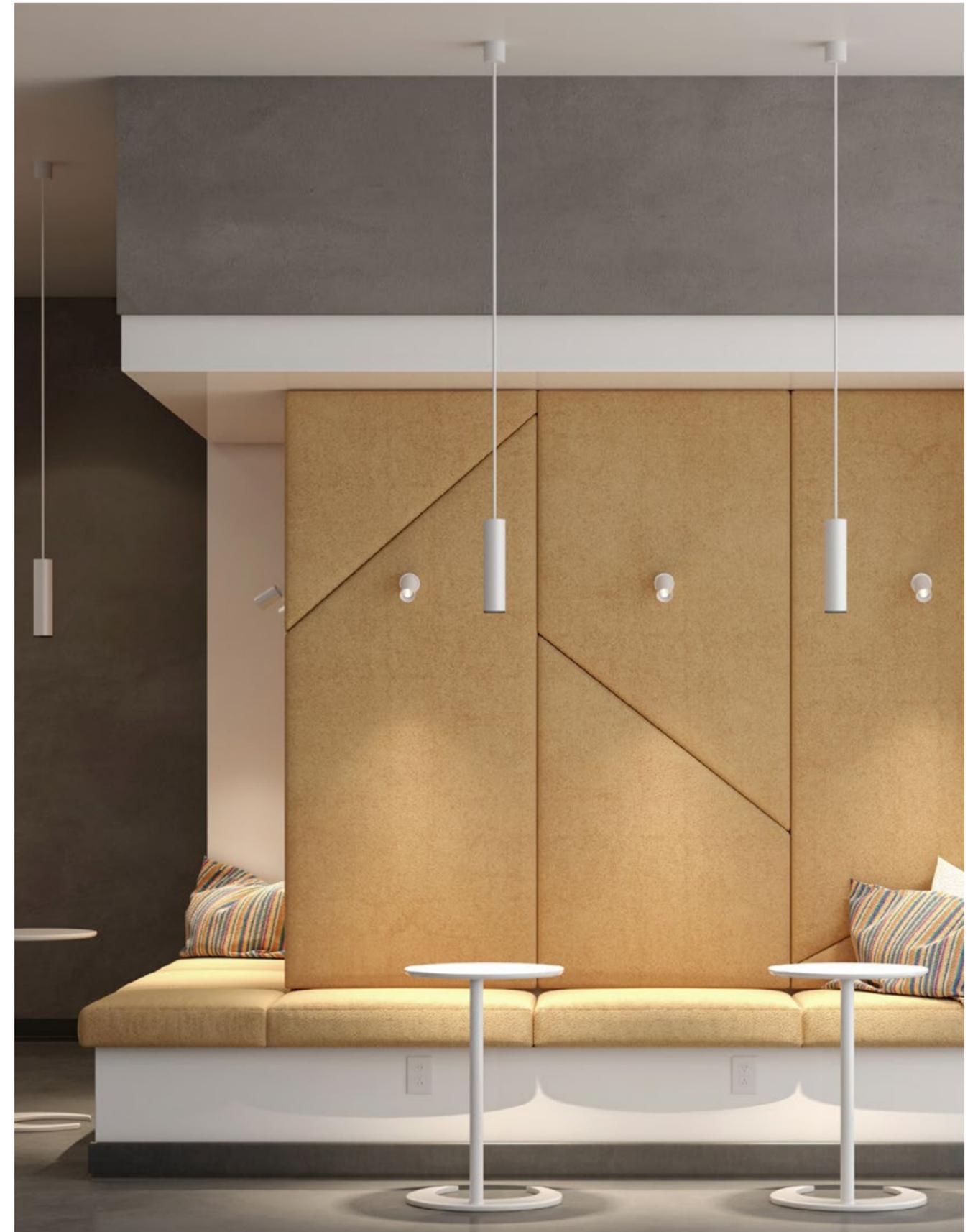
Pendant, Surface

2 baffle
options



CircaFlex™
technology

UP TO
1500 lm





Precise, even
distribution

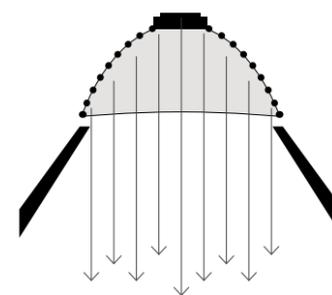
CircaFlex™ technology

Our CircaFlex™ optic technology enables low glare, soft beam angles, and precise distribution with no spill.

UP TO
1260 lm

UP TO
95 CRI

L90 at
150,000 hours



Our proprietary CircaFlex™ Optic uses advanced TIR beam control technology to allow light to follow an intended optical path.

Overview

Dot, Box, Dot Cylinder

SHAPES

Dot, Dot Cylinder



Round

Box

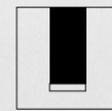


Square

BAFFLE



Standard



Decorative

COLOR TEMPERATURES



2700K



3000K



3500K



4000K



Full
Spectrum
LED

MOUNTING OPTIONS

Dot, Box

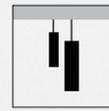


Surface



Wall

Dot Cylinder



Pendant

DISTRIBUTIONS



Direct

FINISHES



Textured
Matte Black



Textured
Matte white



Custom
RAL

APERTURE SIZES

1.5", 2"

COLOR RENDERING OPTIONS

80, 90, 95

HEIGHTS

Dot, Box 2,65", 4"

Dot Cylinder 6", 9", 12", 18"

BEAM ANGLES



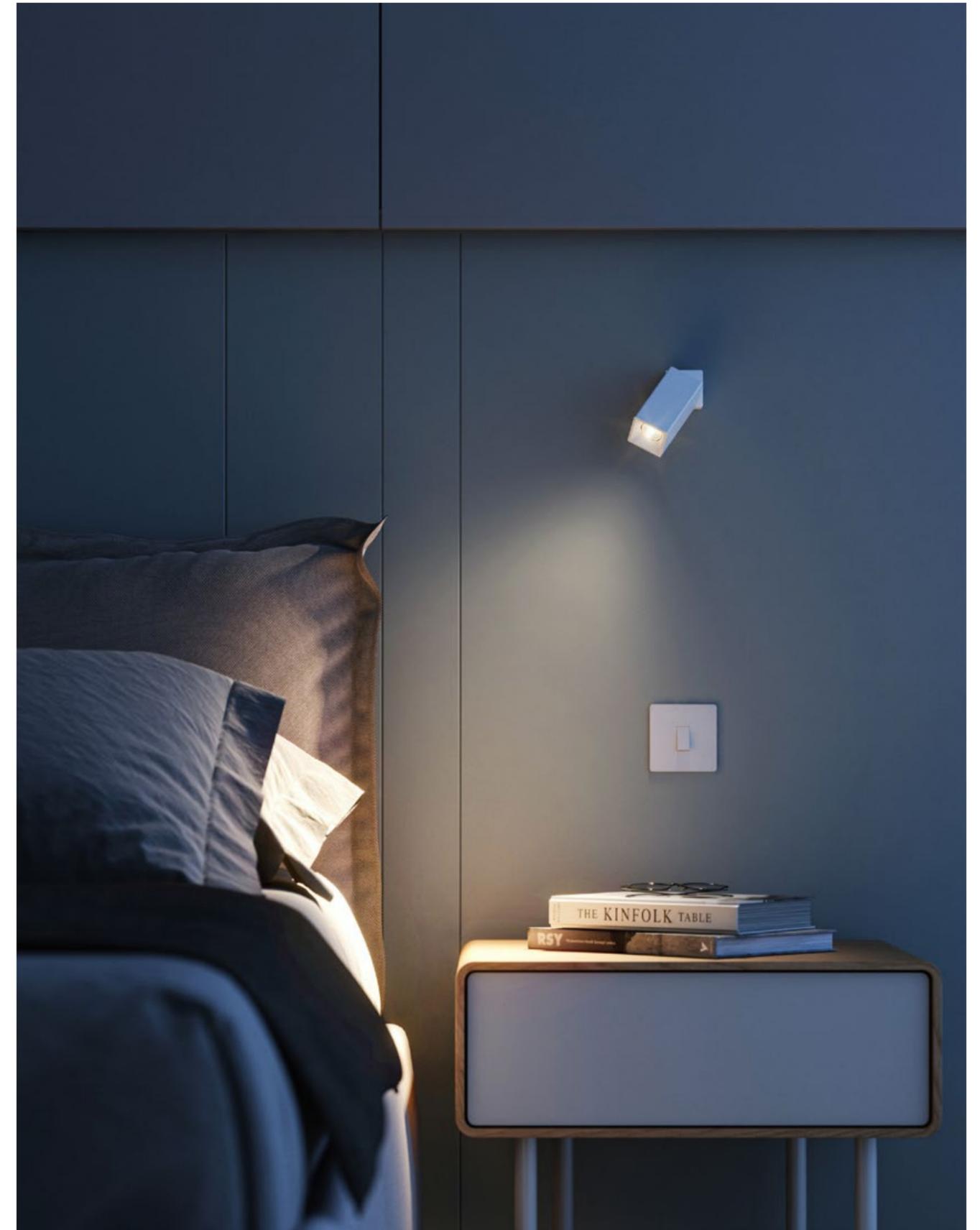
20°



35°



50°





Petite

CYLINDER

From a product line whose smallness is its strength, the Petite Cylinder luminaire stands tall with features that elevate spaces with exceptional precision and quality.

Petite Cylinder

The Petite Cylinder combines style and performance. With 900 lumens delivered, the luminaire is available with multiple options to customize your lighting design, from various beam angles to a range of finishes that can seamlessly blend into your décor while providing the lighting you need.

UP TO

900 lm

1" aperture

MOUNTING

Pendant & Surface



35°



45°



60°

CircaFlex™
technology



Overview

Petite

SHAPES



COLOR TEMPERATURES



HOUSING FINISHES



BAFFLE FINISHES



TRIM STYLES

Bevel, Glow Ring

COLOR RENDERING OPTIONS

80+, 90+, 95+

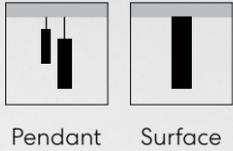
HEIGHTS

6", 9", 12", 18" + custom

APERTURE SIZES

1"

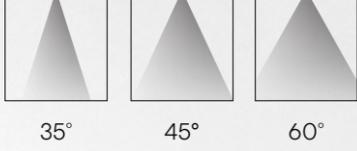
MOUNTING OPTIONS



DISTRIBUTIONS



BEAM ANGLES

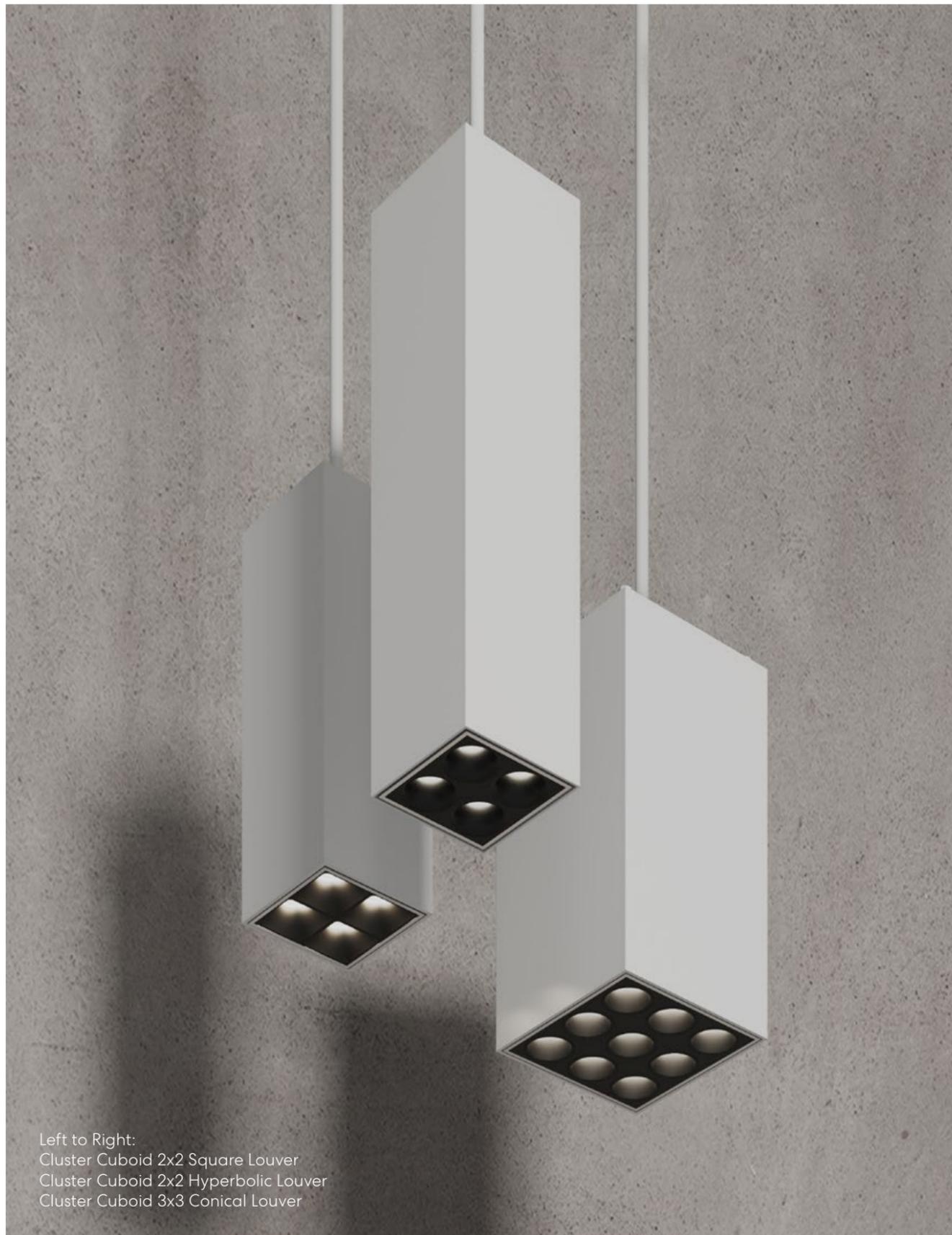




Left to Right:
Cluster Cuboid 1x4 Square Louver
Cluster Cuboid 1x3 Hyperbolic Louver
Cluster Cuboid 1x1 Conical Louver

Cluster

CUBOIDS



Left to Right:
Cluster Cuboid 2x2 Square Louver
Cluster Cuboid 2x2 Hyperbolic Louver
Cluster Cuboid 3x3 Conical Louver

Cluster Cuboids

Cluster cuboids represent the most extensive range of rectangular options in our cylinder offering. Based on a fundamental 1.2" square cell, Cluster cuboids have a modular, building block look and are mounted as recessed, surface, and pendant fixtures.

5 CONFIGURATIONS

1x1, 2x2, 3x3, 1x3, 1x5

EFFICACY OVER

102 lm/W

Nominal light output:
200 lumens per cell

3 HEIGHTS

3", 8" or 12"
+ custom

Suspended using
stems

Remote or integral driver
capable of powering multiple
luminaires



Cluster Surface 2x2
Cluster Recessed 1x3
Cluster Pendant 3x3

Cluster Wall Wash

Cluster Wall Wash pendants provide uniform illumination up and down walls and between luminaires thanks to their Wall Wash Reflector Optics (WRO), which utilize multiple mid-flux emitters arranged in a continuous array and supported by an angled board. An aluminum reflector collects and redirects the emitter flux while a refractive film adjusts the vertical and horizontal intensity, eliminating source image.

2 CONFIGURATIONS

1x3, 1x5

HEIGHTS

3", 8", 12"

Integral or remote driver

POWER

400 lumens

3-cell

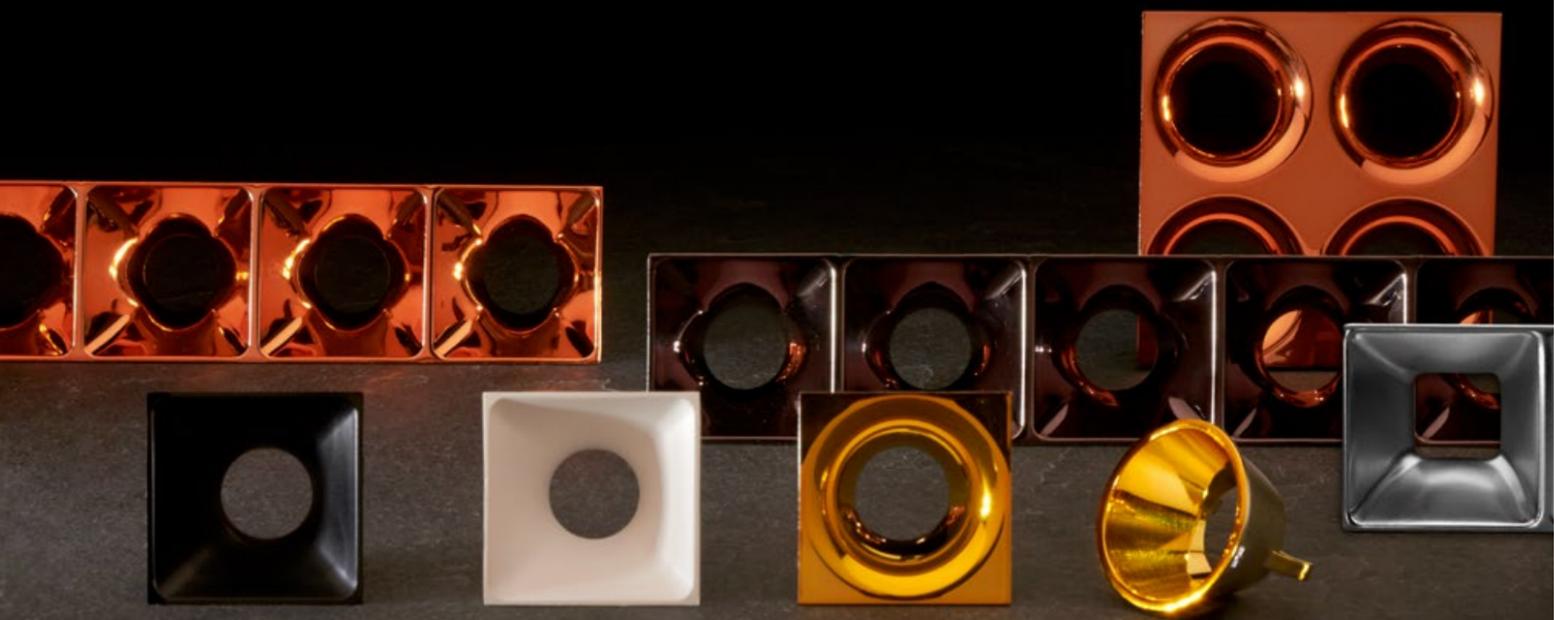
800 lumens

5-cell



Overview

Cluster



SHAPES



Square

COLOR TEMPERATURES



2700K



3000K



3500K



4000K



SOLA



DUO

COLOR RENDERING OPTION

90

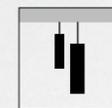
OPTICS

Parabolic, Soft Edge, Sharp Edge, Wall Wash

HEIGHTS

3", 8" and 12"

MOUNTING OPTIONS



Pendant



Surface

FINISHES



Textured
Matte Black



Textured
Matte white



Custom
RAL

LOUVER FINISHES



Matte
White



Matte
Black



Black
Chrome



Gold



Specular
Parabolic



Matte
Aluminum
Parabolic



Copper

LOUVER SHAPES



Square



Conical



Hyperbolic



Parabolic



Wall Wash

CONFIGURATIONS



1x1



1x3



1x5



2x2



3x3

BEAM ANGLES

Soft
Edge



25°



35°



55°

Sharp
Edge



15°



30°



45°



ALWAYS LIGHT
RIGHT

lumenwerx.com