



# OOOOH INTRODUCTION

OOOOH refashions traditional lighting concepts with an innovative louver system. An array of ellipses is incurved to conform to a tunnel-shaped profile, creating a subtle aesthetic and sublime lighting effect. The louver system not only tempers the starkness of the commonly exposed lens with an enchanting decorative feature but also enhances visual comfort by reducing glare.











LINEAR SUSPENDED

LINEAR CEILING

LINEAR WALL

LINEAR RECESSED







QUAD

RING

KURL



# FEATURES

# VISUAL COMFORT

An injection-molded louver provides precise optical control, limiting glare from the luminaire. Available in 5 finishes: Black for the highest glare control, White for higher reflectance and performance, and for an interior design enhancement, satinized finishes Satin Chrome, Satin Gold, and Satin Champagne. Beyond improving visual comfort through glare reduction, the elliptical louver's soft curves add a dimension of aesthetic comfort.

## OPTICAL CONTROL

In linear systems, the direct light is available with the Comfort lens, which offers a softer, more uniform light distribution, whereas the Asymmetric lens targets light for specific purposes, such as wall illumination, thus augmenting the ambient light. Additionally, for indirect lighting in linear suspension, the Batwing optic, featuring a 120° beam, casts light upwards towards the ceiling, enhancing the ambient lighting experience with reduced glare.

### FINISH COMBINATIONS

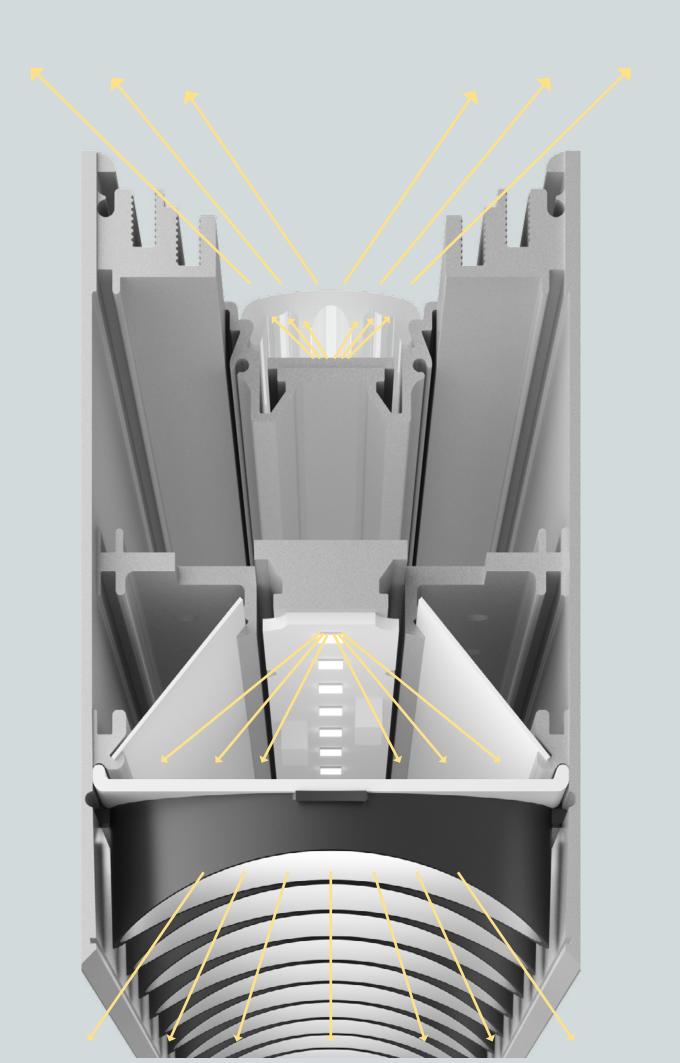
The luminaire body is available in 12 finishes which were selected based on their versatility to a variety of color schemes. Metallic sheens balance out functional forms with elegance; the wood finishes ground the space with a natural aesthetic. In combination with the louver and acoustic panel finishes, a truly tantalizing luminaire can be configured.

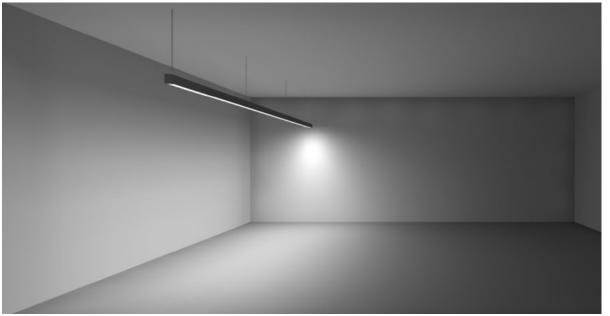
### BESPOKE

Build a luminaire specifically suited to the space requirements. Designers have multiple options for each component at their disposal, including lumen package, color attributes, light distribution, open-standard control systems, and mounting systems.

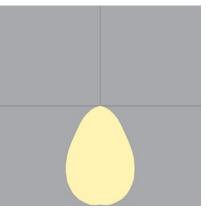


# SUSPENDED OPTICS



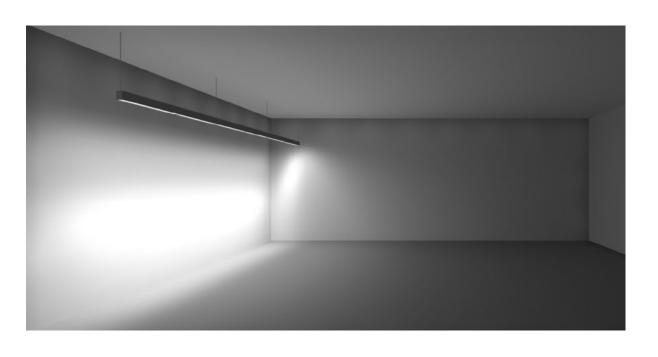


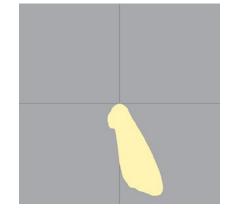




## Comfort Lens:

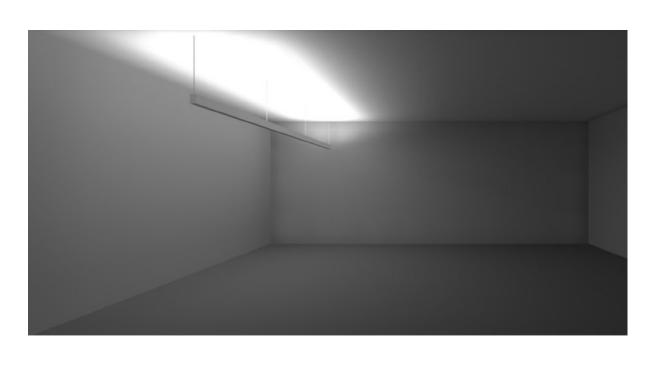
Frosted acrylic lens is engineered to provide better light control and softer distribution.

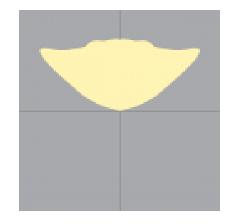




## Asymmetric:

Skew the light toward specific tasks, like illuminating walls, thereby enhancing the ambient lighting.



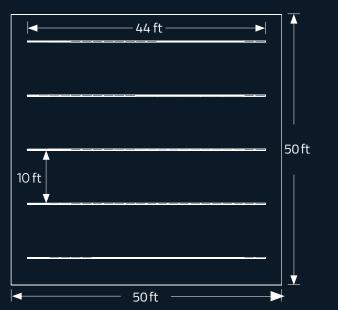


### Batwing:

120° beam provides even distribution on the ceiling and contributes to the ambient light with minimal glare.

## SUSPENDED

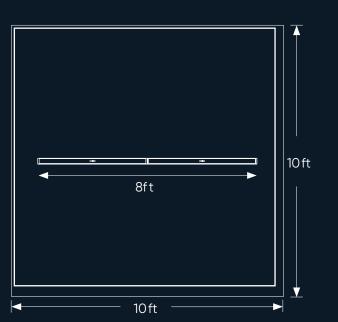
# USE CASE SCENARIOS



## OPEN PLAN OFFICE SPACE

## DD4 Comfort Lens- White Louver with 200lm/ft direct and 400lm/ft indirect

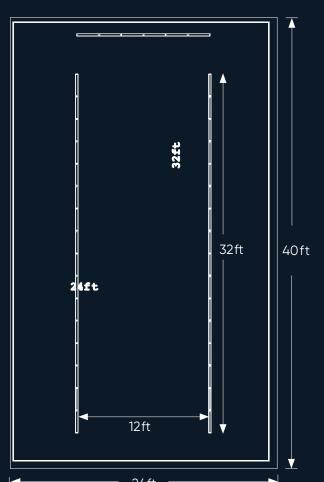
Room size:	50' x 50'	Workplane 30" above finished floor (fc level):	48
Ceiling height:	10'	Workplane uniformity max to min:	1.3:1
Luminaire mounting height:	8' 5"	Ceiling uniformity max to min:	6:5:1
Reflectances:	80/50/20	UGR average:	<11
Light loss factor:	1.0	Watt sq/ft:	0.37



# SINGLE OFFICE SPACE

DD4 Comfort Lens- White Louver with 400lm/ft direct and 200lm/ft indirect

Room size:	10' × 10'	Workplane 30" above finished floor (fc level):	36
Ceiling height:	10'	Ceiling uniformity max to min:	3.1:1
Luminaire mounting height:	8′ 5″	UGR average:	<12
Reflectances:	80/50/20	Watt sq/ft:	0.37
Light loss factor:	1.0		



# CLASSROOM SPACE

DD4 Comfort Lens-

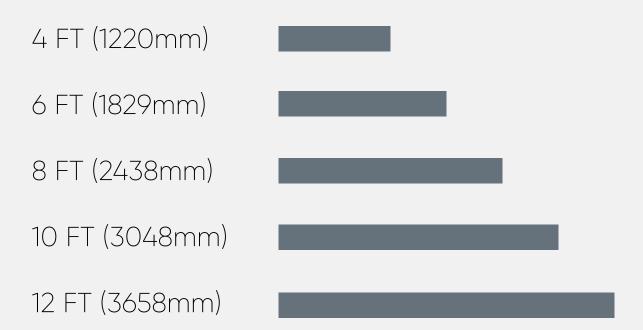
White Louver option over desk with 200lm/ft direct and 600lm/ft indirect – 32 ft length White-Board: DD1 Asymmetric Lens with 400lm/ft direct – 12ft length

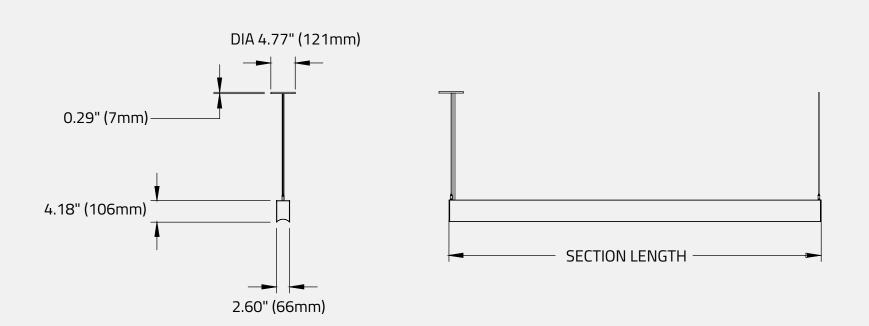
Room size:	24' × 40'	Workplane 30" above finished floor (fc level):	55
Ceiling height:	10'	Workplane uniformity max to min:	1.8:1
Luminaire mounting height:	8' 5"	Average illuminance on White-board wall:	38
Reflectances:	80/50/20	Ceiling uniformity max to min:	5:1
Light loss factor:	1.0	UGR average:	<15
		Watt sq/ft:	0.45

# DIMENSIONS

Ooooh Linear Suspended can be configured as a continuous run up to 50' on a single circuit. Start with a minimum length of 4' and add increments of 2ft. For 6 inch increments, consult factory.

# **Section Lengths**





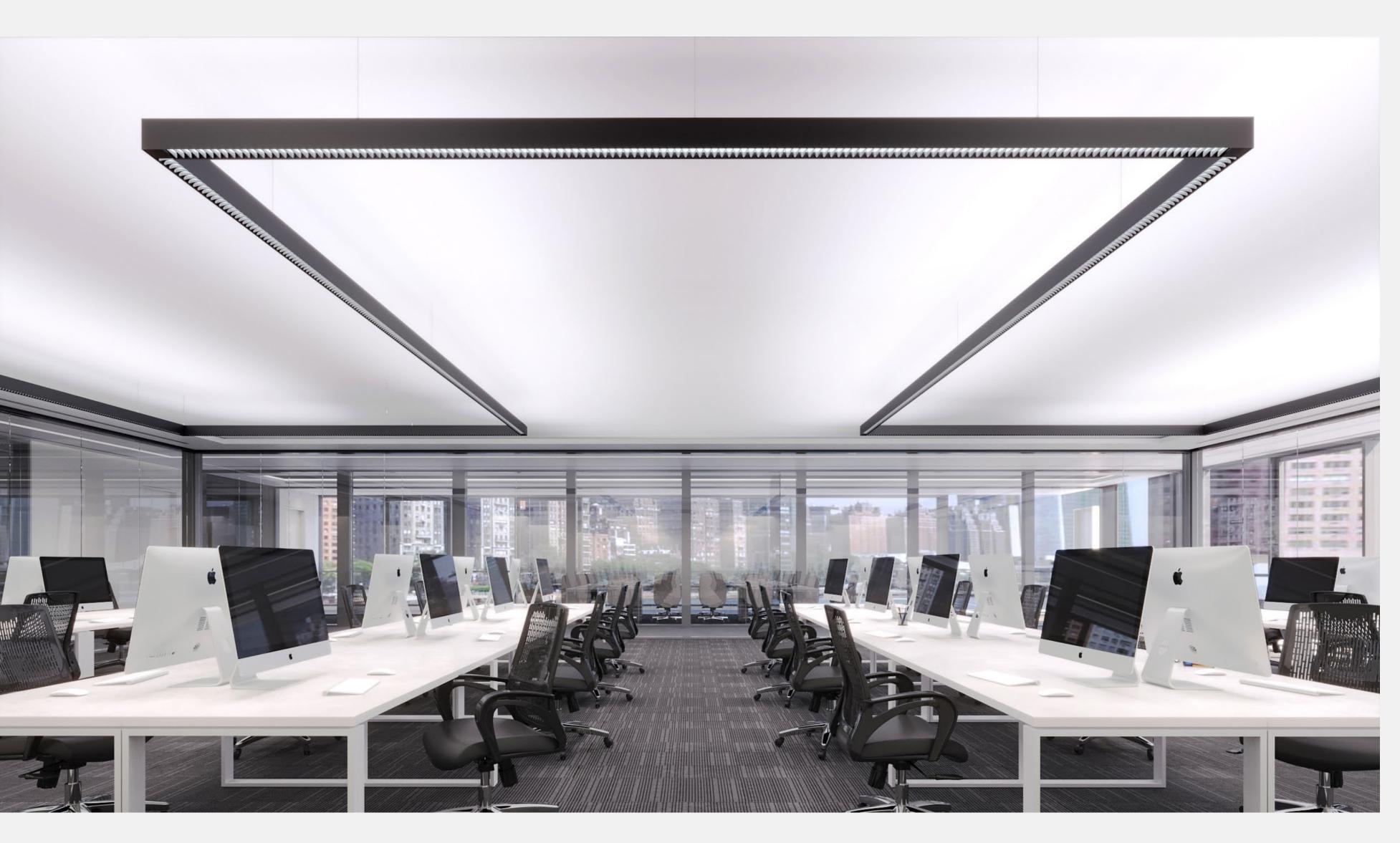




# OOOH

The louver system not only tempers the starkness of the commonly exposed lens and adds an enchanting decorative feature, but also offers visual comfort by minimizing glare.





# OOOOH SYSTEMS

A precise geometry of light that frames and defines, OOOH Systems offers a structured lighting narrative that turns corners with purpose. It constructs a continuous lighting network that syncs with the cadence of the space.

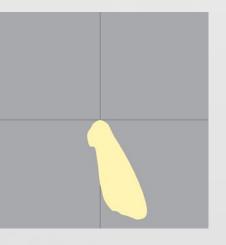


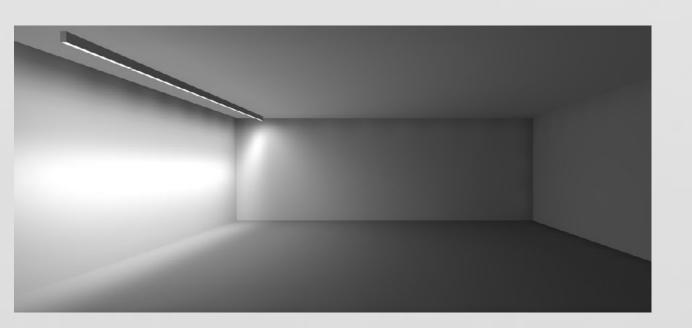




# Comfort Lens: Frosted acrylic lens is engineered to provide better light control and

# CEILING OPTICS





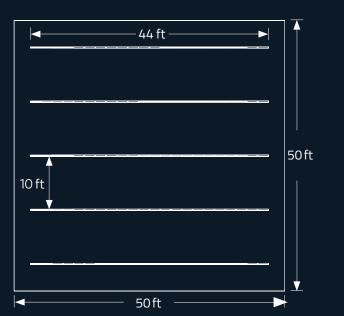
softer distribution.

Asymmetric:

Skew the light toward specific tasks, like illuminating walls, thereby enhancing the ambient lighting.

## CEILING

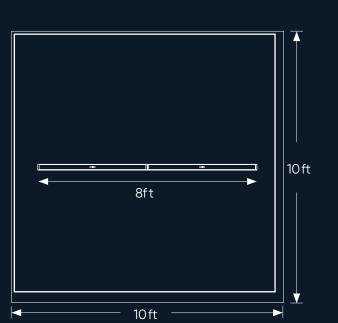
# USE CASE SCENARIOS



## OPEN PLAN OFFICE SPACE

DD4 Comfort Lens- White Louver with 600lm/ft

Room size:50' x 50'Workplane 30" above finished floor (fc level):53Ceiling height:9'Workplane uniformity max to min:1.4:1Reflectances:80/50/20Watt sq/ft:0.4Light loss factor:1.0



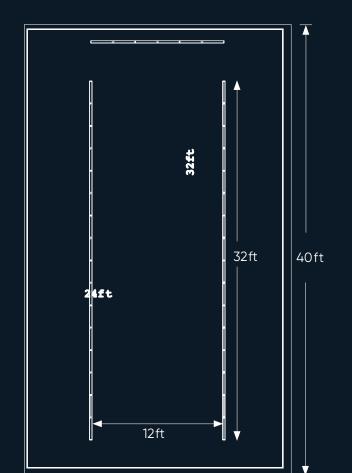
# SINGLE OFFICE SPACE

DD4 Comfort Lens- White Louver with 600lm/ft

Room size:  $10' \times 10'$  Workplane 30" above finished floor (fc level): 42 Ceiling height: 9' Watt sq/ft: 0.41

Reflectances: 80/50/20

Light loss factor: 1.0



### CORRIDOR

DD4 Comfort Lens- White Louver with 400lm/ft

Room size: 24'x40' Finished floor (fc level): 20
Ceiling height: 9' Watt sq/ft: 0.34

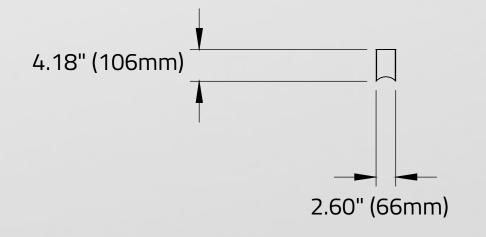
Reflectances: 80/50/20

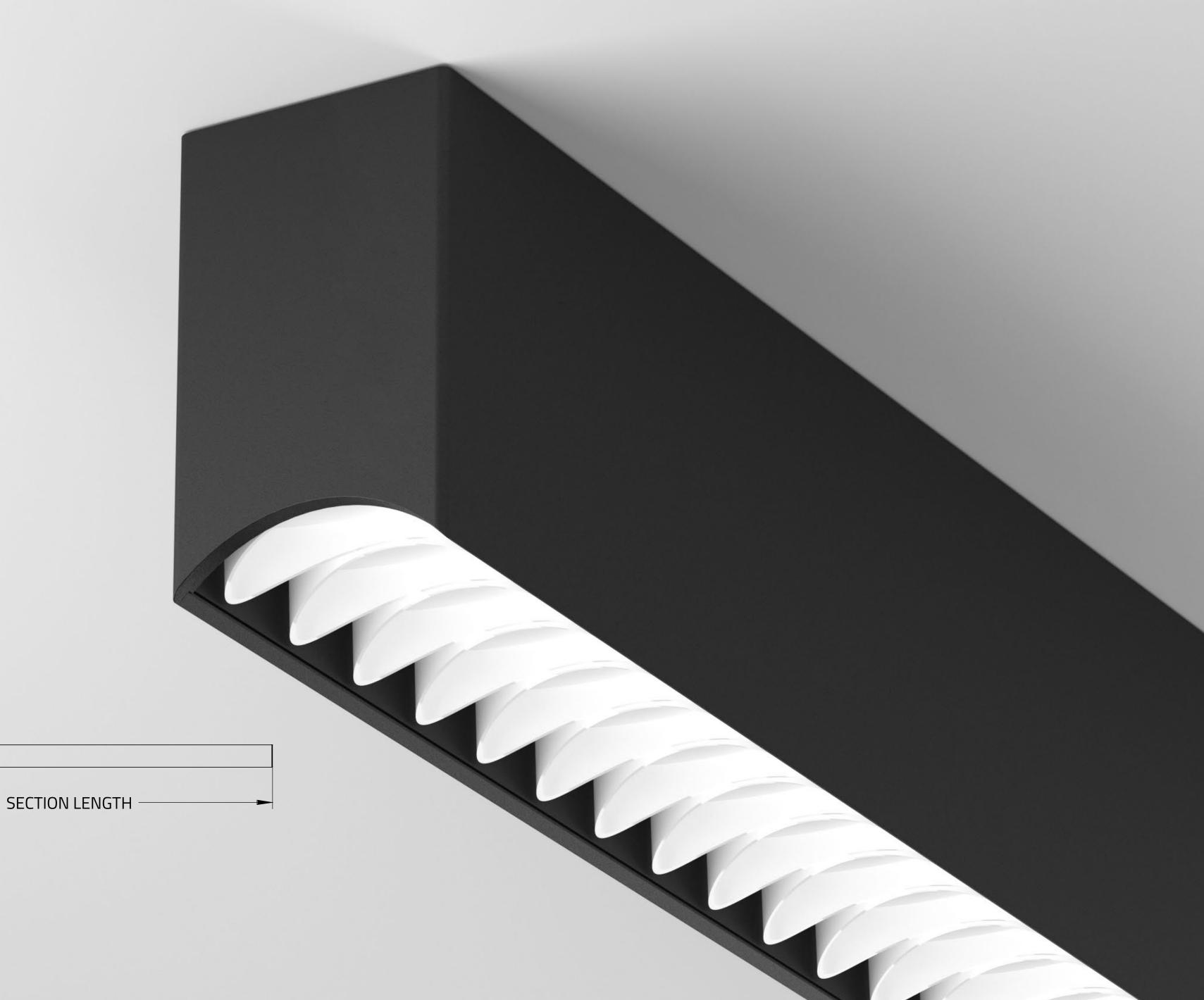
Light loss factor: 1.0

# DIMENSIONS

Ooooh Ceiling is available in five standalone lengths, varying from 4 feet to 12 feet.
For 6 inch increments, consult factory.







# CEILING



# 0000H

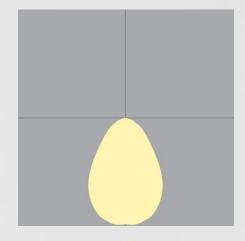
Opt for the Asymmetric lens to angle light away from reflective surfaces like glass or towards walls to enhance ambient lighting with a reflective boost.

Merge modern design with natural beauty. For wood slat ceiling integration, consult our factory.



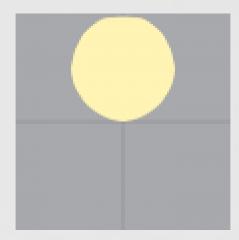


# WALL OPTICS



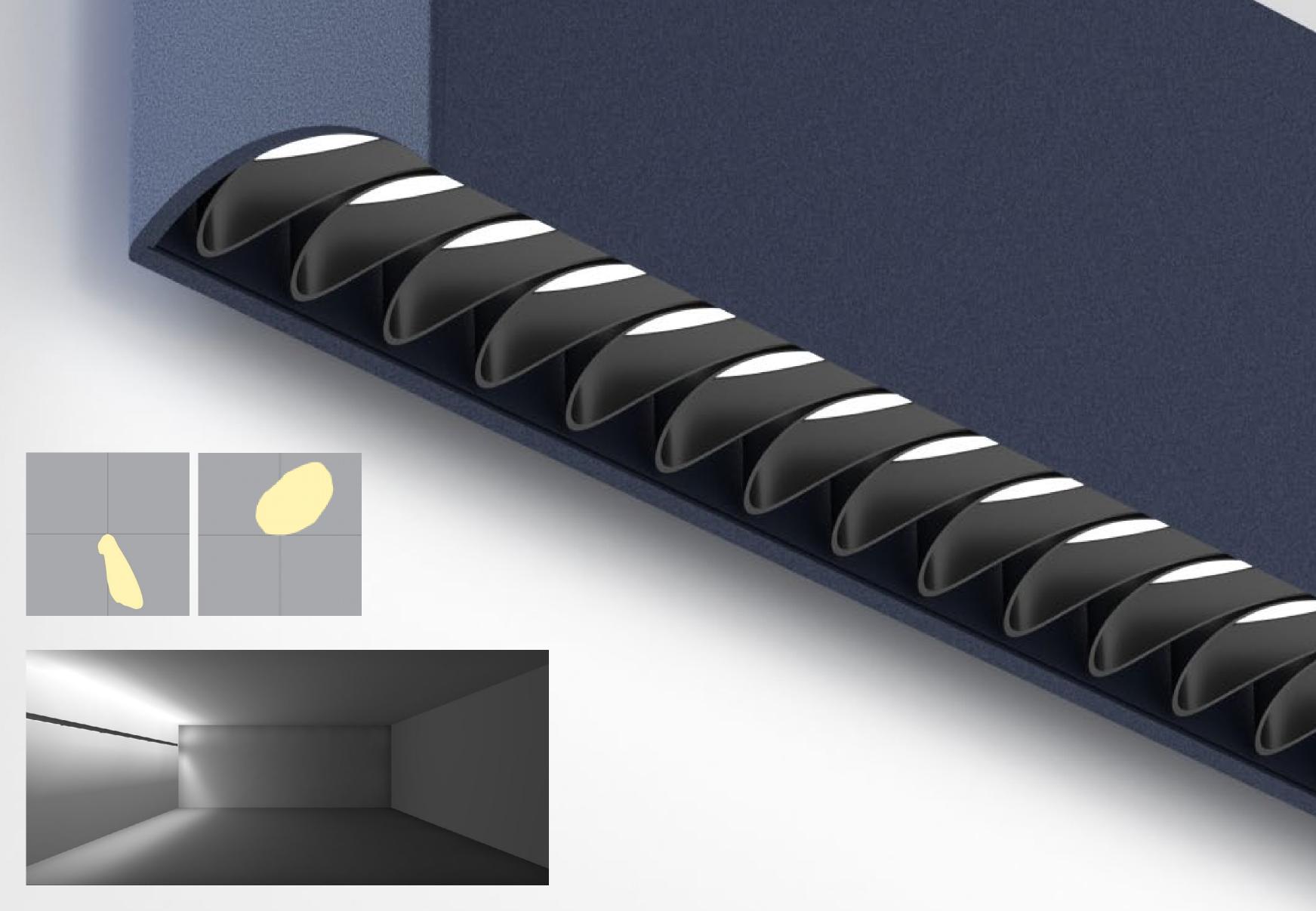
# Comfort Lens:

Frosted acrylic lens is engineered to provide better light control and softer distribution.



# Opal Lens:

The opal acrylic lens minimizes glare and enhances visual comfort while uniformly dispersing light.



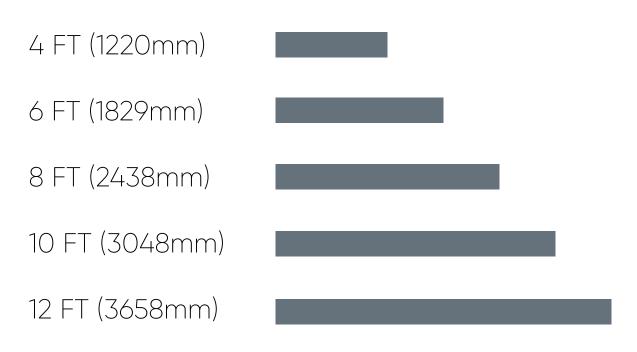
## Asymmetric:

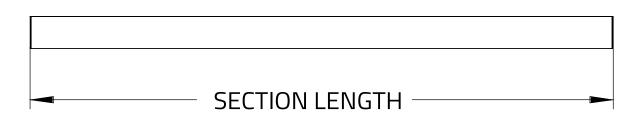
Skew the light toward specific tasks, like illuminating walls, thereby enhancing the ambient lighting.

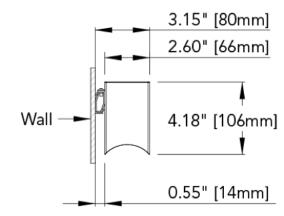
# DIMENSIONS

Ooooh Linear Wall can be configured as a continuous run up to 50' on a single circuit. Start with a minimum length of 4' and add increments of 2ft. For 6 inch increments, consult factory.

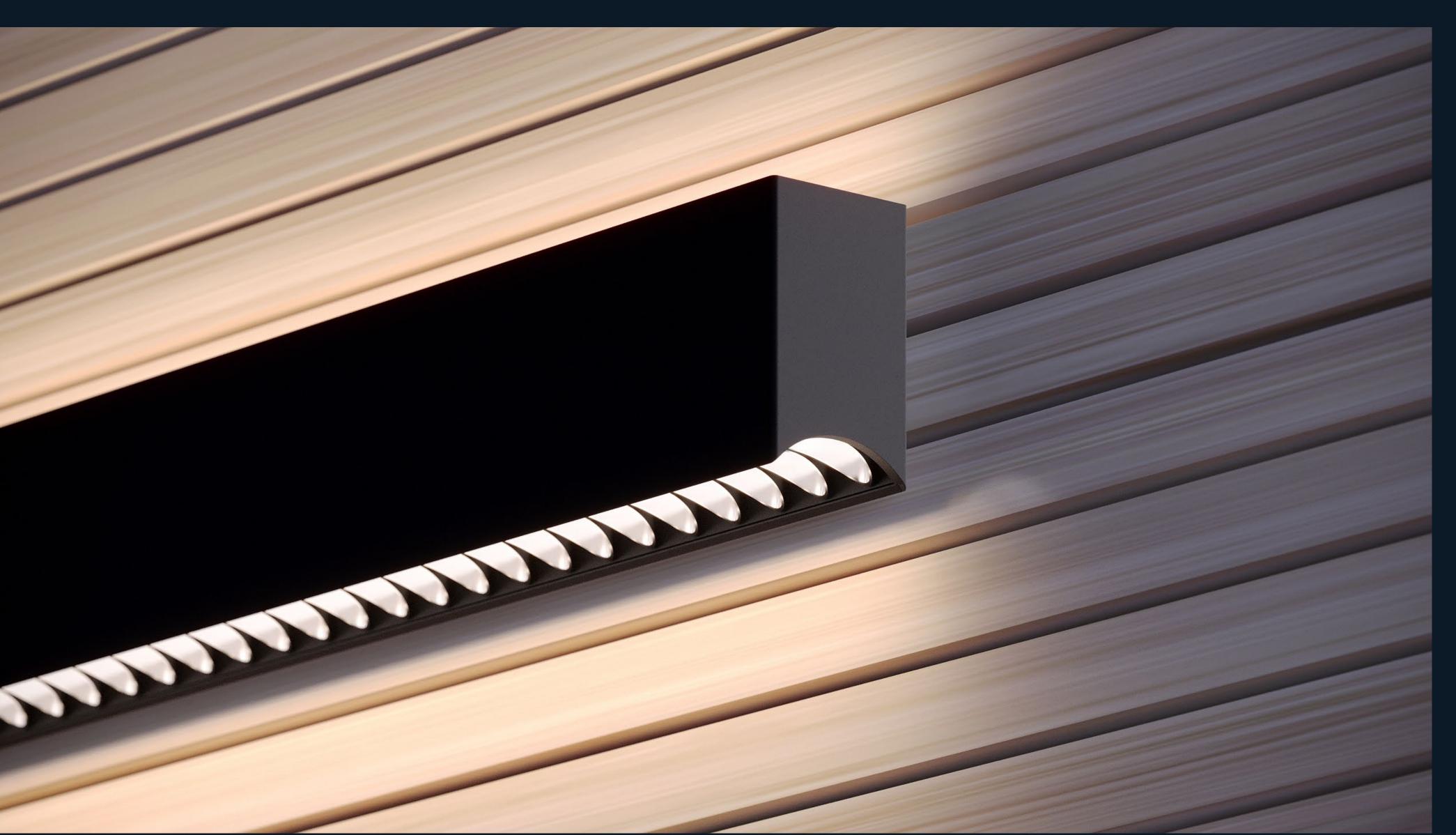
# Section Lengths











# IMBUE DECORATIVE CHARM

The ellipsoidal louver system of OOOOH brings forth a captivating touch of charm with a subtle yet enduring decorative element.



# SUBTLE RADIANCE

Wallwash with soft, glare-free light, enhancing architectural details without overshadowing the overall ambiance, ensuring lasting impressions.

# HOUSING

- Black Metallic Textured
- Bronze Metallic Textured
- Midnight Blue Metallic Textured
- Charcoal Metallic Textured
- Red Metallic Textured
- Gold Metallic
- Champagne Metallic
- Copper Metallic
- Silver Metallic Textured
- White
- Wood Grain Light Cherry
- Wood Grain Dark Walnut
- Wood grain White Oak



# LOUVER FINISHES



WHITE

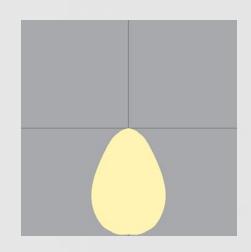
SATIN CHROME SATIN CHAMPAGNE

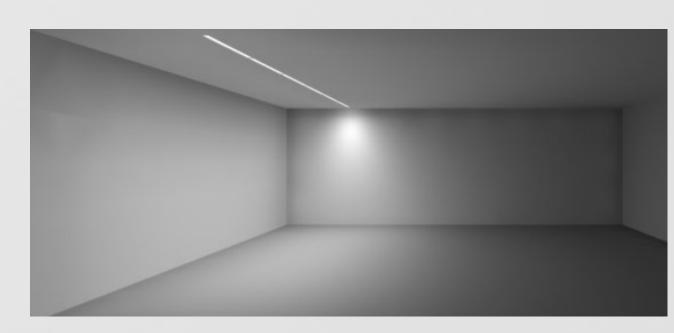
SATIN GOLD

BLACK



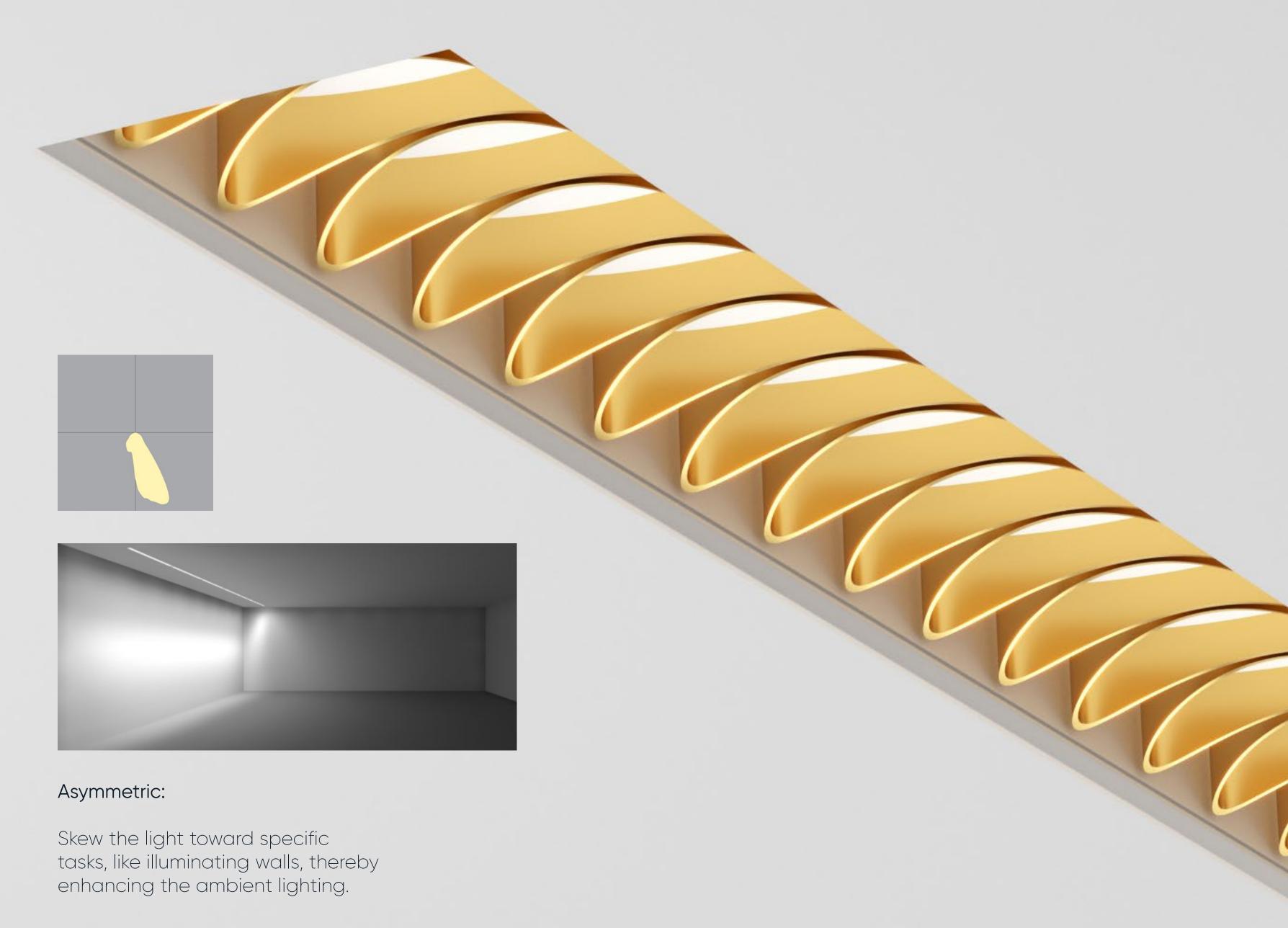
# RECESSED OPTICS





# Comfort Lens:

Frosted acrylic lens is engineered to provide better light control and softer distribution.



# TECHNICAL SPECIFICATIONS

### Lumen packages:

Suspended 200 LM/FT to 1400 LM/FT, 1600 LM/FT for indirect only Recessed 200 LM/FT to 1200 LM/FT

Ceiling 200 LM/FT to 1300 LM/FT

Wall 200 LM/FT to 1300 LM/FT, 1600 LM/FT for indirect only

CCT: 3000K, 3500K, 4000K, BIOS, Tunable White available upon request.

**CRI:** 80+ or 90+

Circuits: Single & Dual (Suspended and Wall Only)

Emergency: Integral

Emergency generated circuit

# Dimming (Integral Drivers):

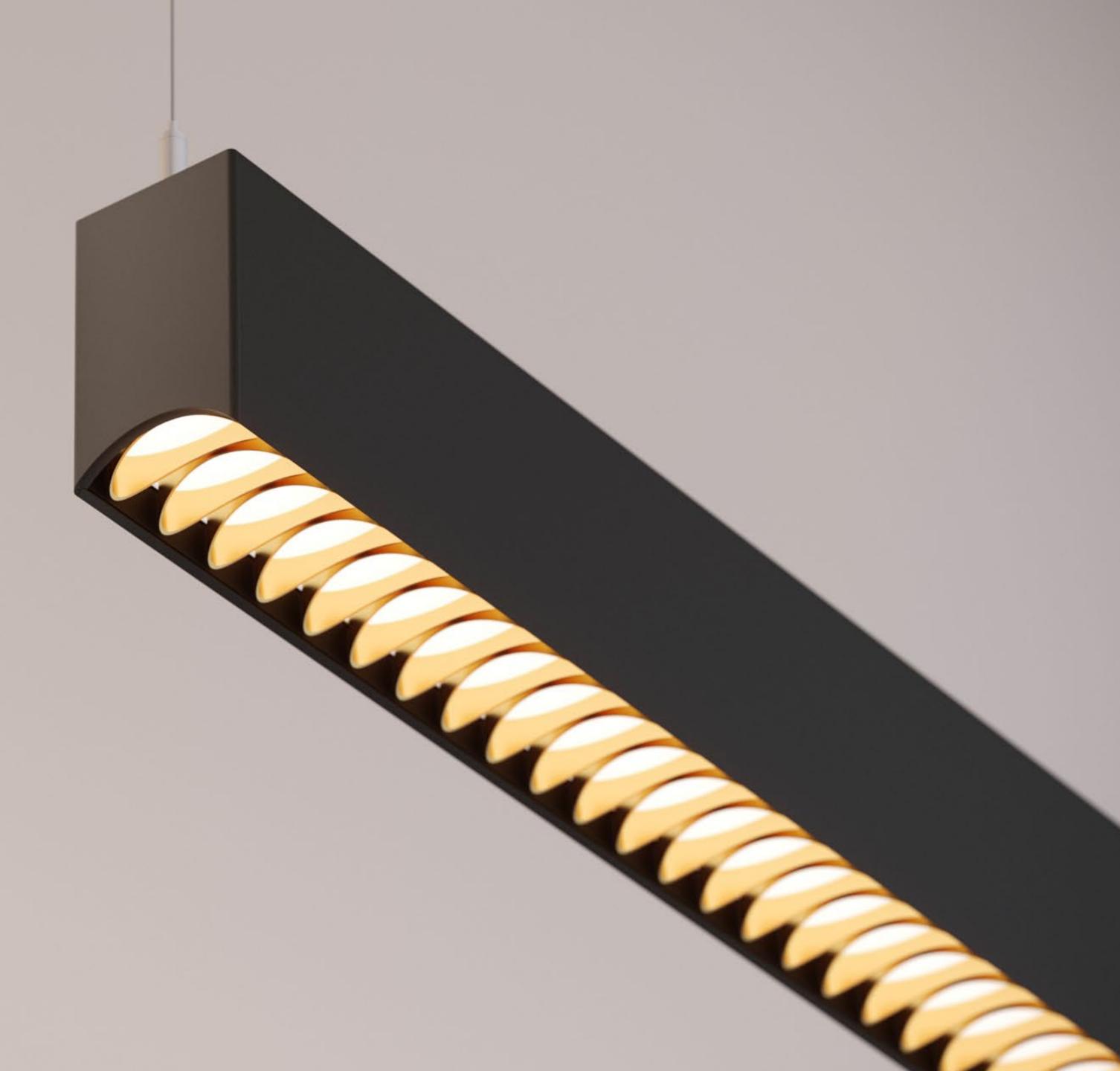
0-10V Dimming @ 1% and 0.1% Dali Dimming @ 1% and 0.1% DSI/switchDim

PoE

**Sensors:** Compatible with Avi-On, Casambi, Enlighted, Lutron Vive, nLight, NX Lighting Controls, Osram, Philips, and others. Consult factory.

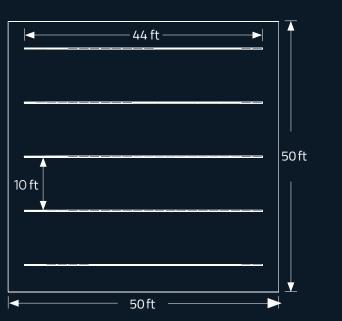
# Design

US Pat. No. D969,395



## RECESSED

# USE CASE SCENARIOS

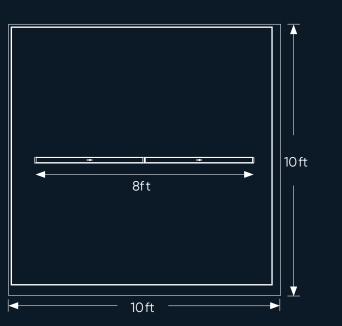


# OPEN PLAN OFFICE SPACE

### DD4 Comfort Lens- White Louver with 600lm/ft

Room size:50' x 50'Workplane 30" above finished floor (fc level):53Ceiling height:9'Workplane uniformity max to min:1.3:1Reflectances:80/50/20Watt sq/ft:0.4

Light loss factor: 1.0



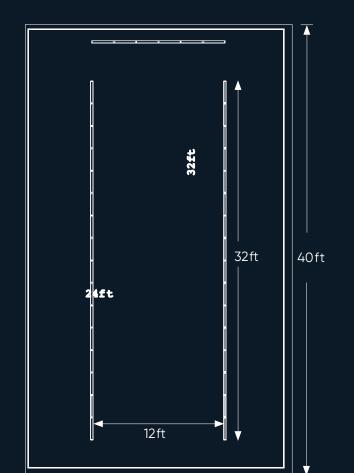
# SINGLE OFFICE SPACE

# DD4 Comfort Lens- White Louver with 600lm/ft

Room size:  $10' \times 10'$  Workplane 30" above finished floor (fc level): 40 Ceiling height: 9' Watt sq/ft: 0.41

Reflectances: 80/50/20

Light loss factor: 1.0



## CORRIDOR

# DD4 Comfort Lens- White Louver with 400lm/ft

Room size: 24'x40' Finished floor (fc level): 19
Ceiling height: 9' Watt sq/ft: 0.34

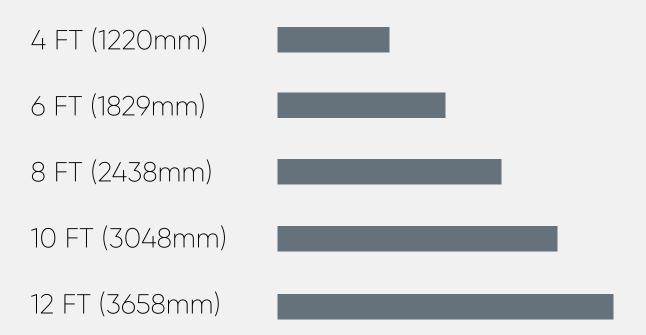
Reflectances: 80/50/20

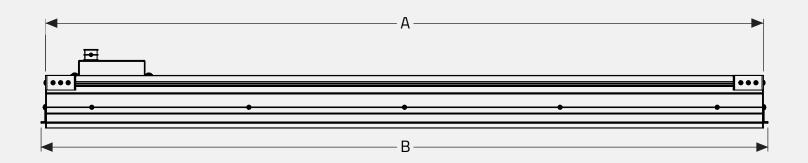
Light loss factor: 1.0

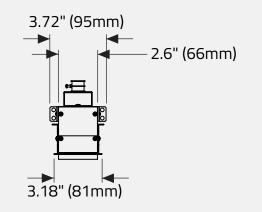
# DIMENSIONS

Ooooh Linear Wall can be configured as a continuous run up to 50' on a single circuit. Start with a minimum length of 4' and add increments of 2ft. For 6 inch increments, consult factory.

# Section Lengths



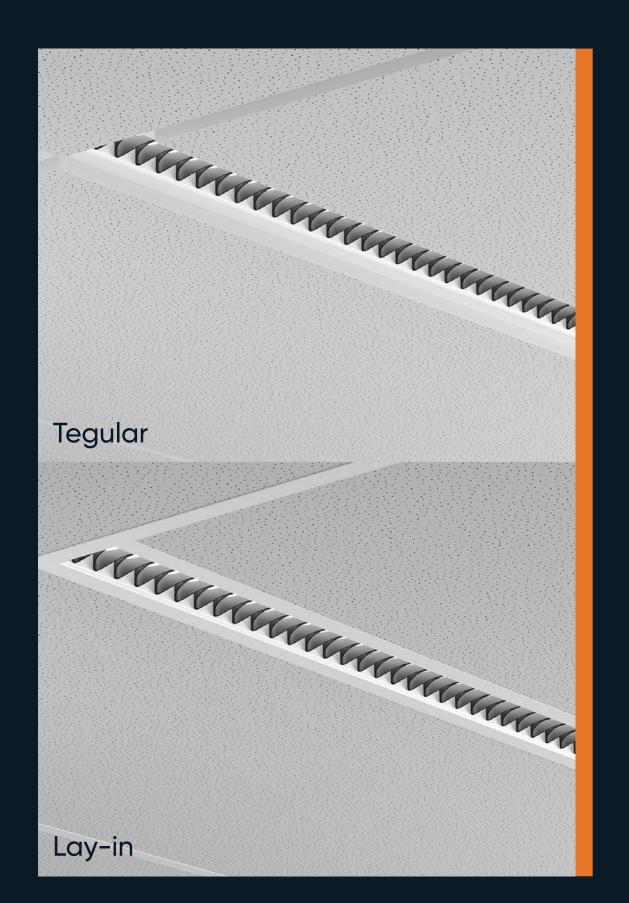


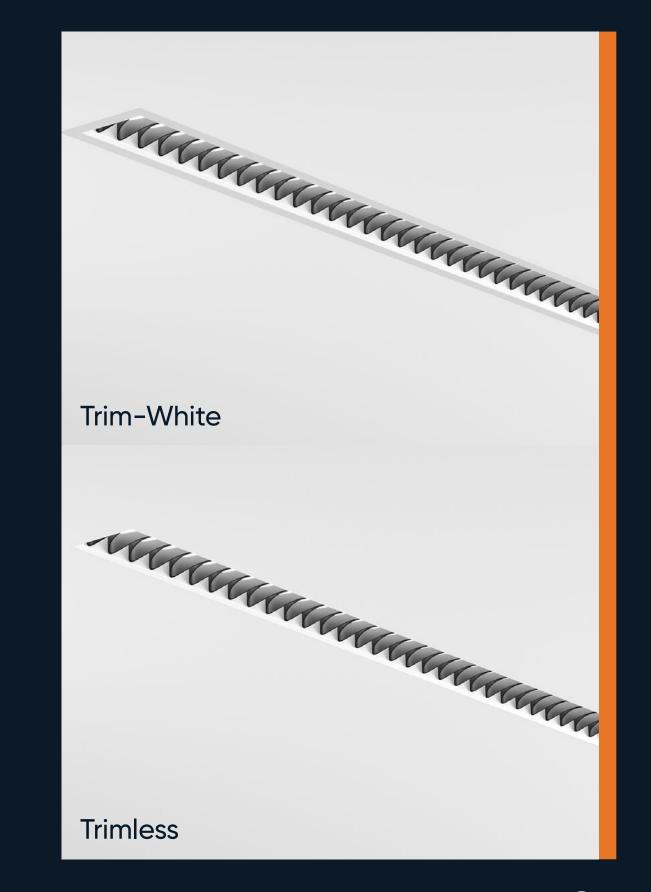


Section Lengths	А	В
4ft	46.82" (1189mm)	47.7" (1212mm)
6ft	70.82" (1791mm)	71.7" (1821mm)
8ft	94.82" (2408mm)	95.7" (2431mm)
10ft	118.82" (3018mm)	119.7" (3040mm)
12ft	142.82" (3627mm)	143.7" (3650mm)



# CELING TYPES & TRIMS





1

GRID CEILING

Comes with combo kit which includes installation to T-bar and through tile mount.

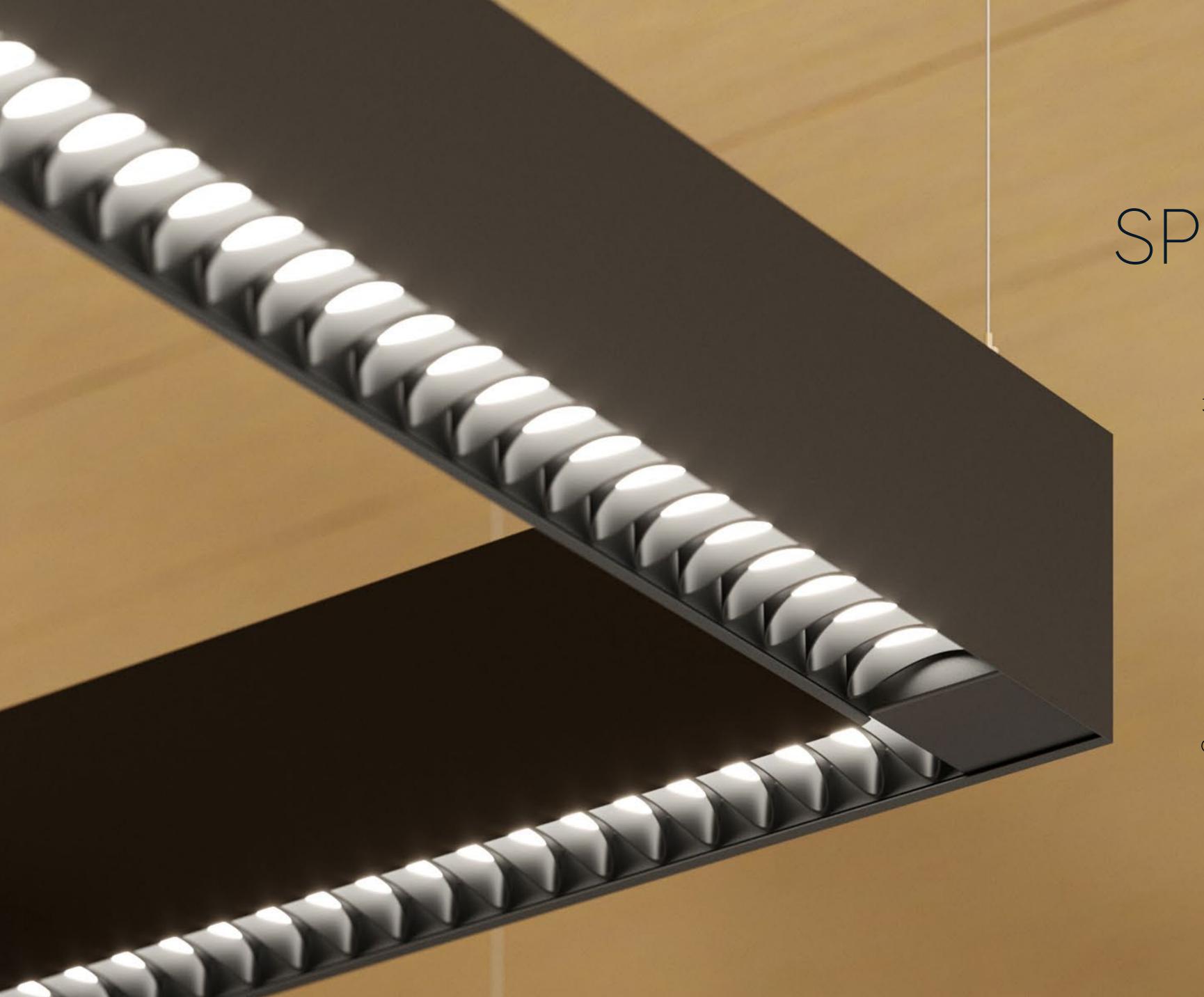
2

HARD CEILING

Suitable for installation in both drywall and concrete ceilings.







# TECHNICAL SPECIFICATIONS

### Lumen packages:

200 LM/FT to 1200 LM/FT, 1600 LM/FT for indirect only

CCT:

3000K, 3500K, 4000K, BIOS, Tunable White upon request.

CRI:

80+ or 90+

Circuits:

Single & Dual (Suspended and Wall Only)

# Emergency:

Integral,

Emergency generated circuit

# Dimming (Integral Drivers):

0-10V Dimming @ 1% and 0.1%

Dali Dimming @ 1% and 0.1%

DSI/switchDim

PoE

### Sensors:

Compatible with Avi-On, Casambi, Enlighted, Lutron Vive, nLight, NX Lighting Controls, Osram, Philips, and others.

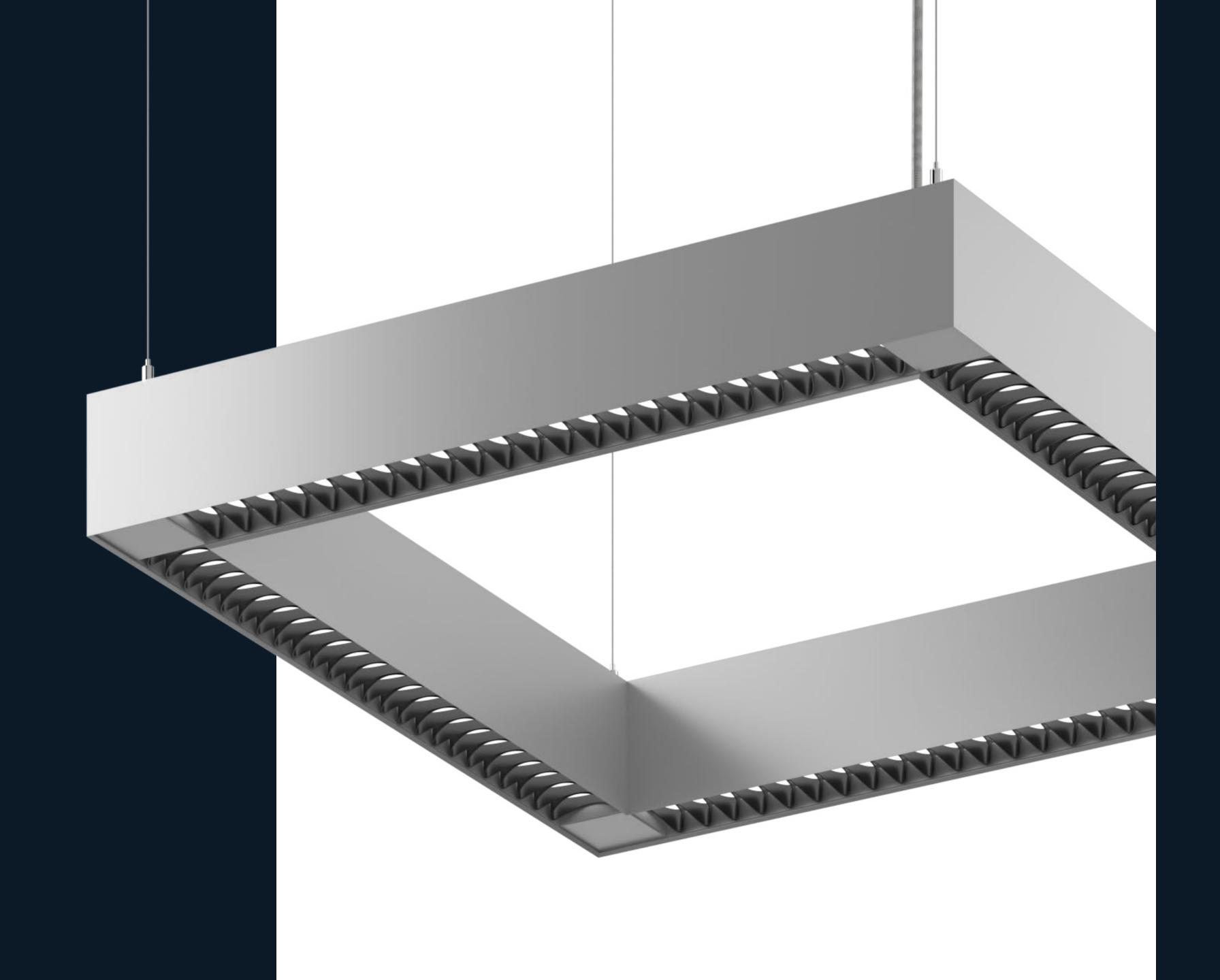
Consult factory.

# Design

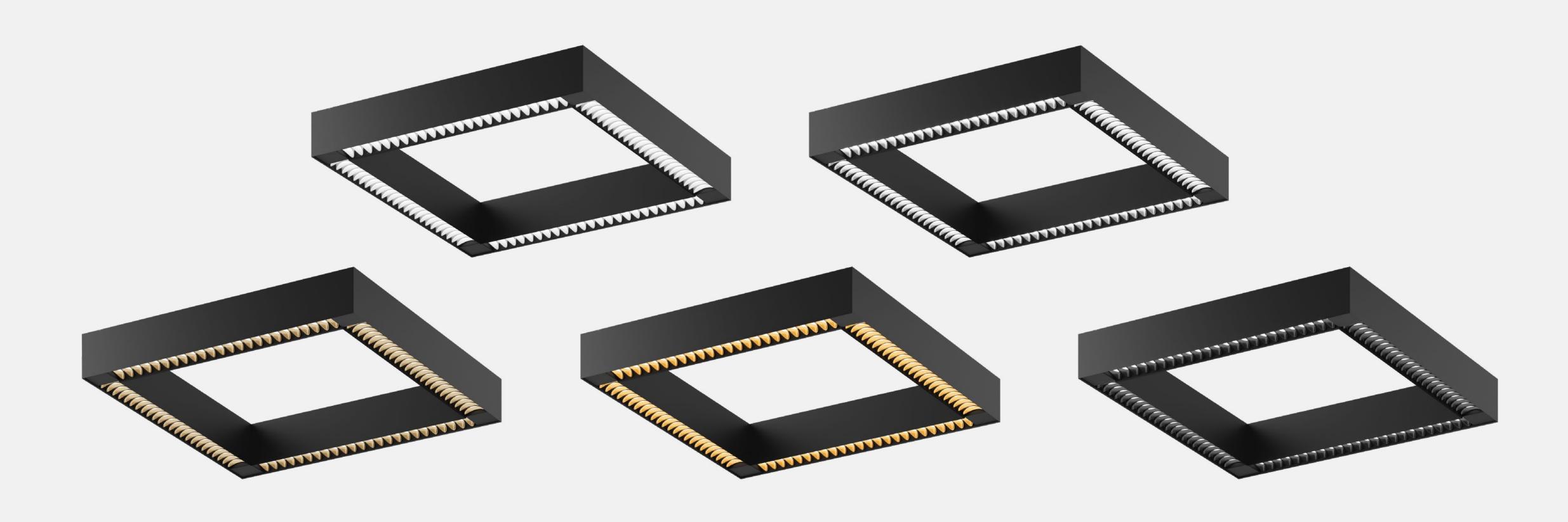
US Pat. No. D969,395

# HOUSING FINISHES

- Black Metallic Textured
- Bronze Metallic Textured
- Midnight Blue Metallic Textured
- Charcoal Metallic Textured
- Red Metallic Textured
- Gold Metallic
- Champagne Metallic
- Copper Metallic
- Silver Metallic Textured
- White
- Wood Grain Light Cherry
- Wood Grain Dark Walnut
- Wood grain White Oak



# LOUVER FINISHES





WHITE

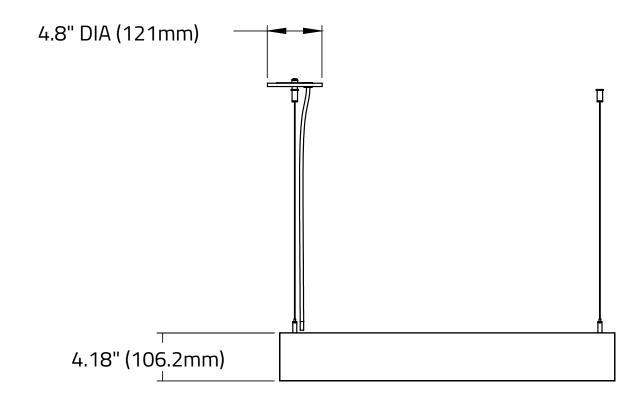
SATIN GOLD

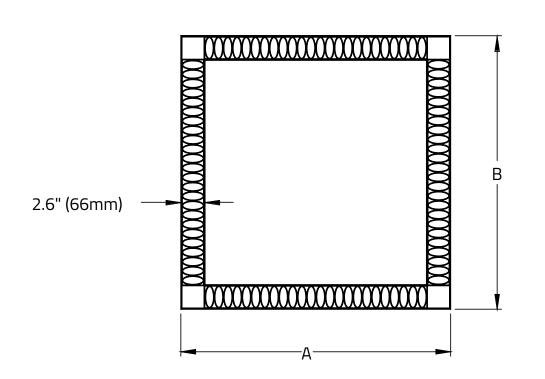
SATIN CHROME

BLACK

# DIMENSIONS

The Ooooh Quad comes in three sizes, with the option to configure larger dimensions using the Ooooh Systems. Please consult with the factory about your requirements.





А	В
29.19" (741.4mm)	29.19" (741.4mm)
53.19" (1351.0mm)	53.19" (1351.0mm)
29.19" (741.4mm)	53.19" (1351.0mm)





Embrace the familiarity of this geometric form, evoking a sense of grounded sophistication while infusing spaces with structured elegance.





# TECHNICAL SPECIFICATIONS

### Lumen packages:

Direct: 200 LM/FT to 900 LM/FT Indirect: 300 LM/FT to 1100 LM/FT

CCT:

3000K, 3500K, 4000K

CRI:

80+ or 90+

Circuits: Single & Dual (Suspended Only)

Emergency:

Remote

Dimming (Remote Drivers):

0-10V Dimming @ 1% and 0.1% Dali Dimming @ 1% and 0.1%

DSI/switchDim

### Acoustic Panel:

MATERIAL: 100% recycled polyester fiber (PET).

THICKNESS: 12mm (0.5)

NRC RATING: 0.80

CLASS A FIRE RATING: ASTM E-84 material.

### Sensors:

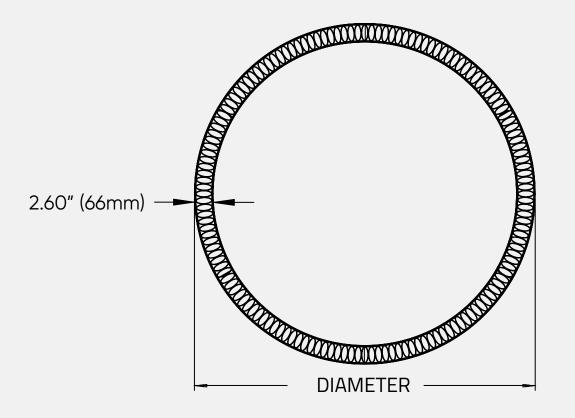
Consult factory regarding sensor compatibility.

Design:

US Patent Pending

## DIMENSIONS

The Ooooh Ring is offered in six sizes, spanning 2 feet to 7 feet in diameter.

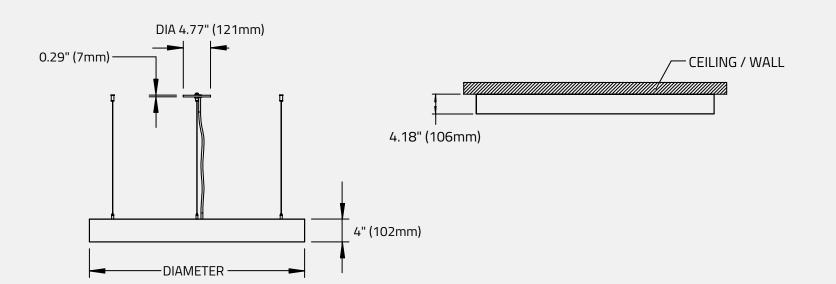


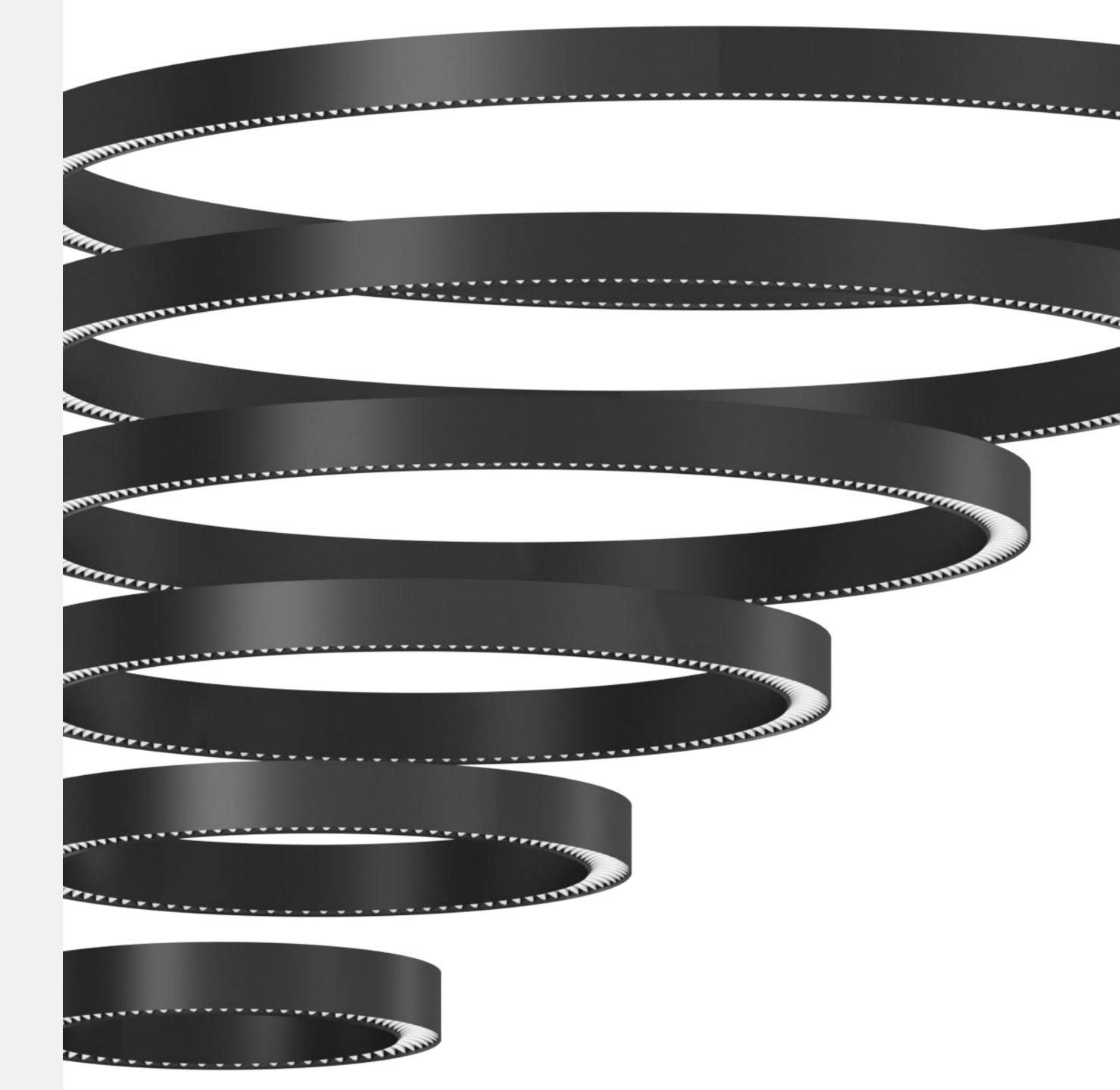
#### Suspended

Diameter	In (mm)
2ft	26.22" (666mm)
3ft	37.68" (957mm)
4ft	49.60" (1260mm)
5ft	61.60" (1565mm)
6ft	73.60" (1869mm)
7ft	85.60" (2174mm)

#### Ceiling

Diameter	In (mm)
2ft	26.33" (669mm)
3ft	37.79" (960mm)
4ft	49.72" (1263mm)
5ft	61.72" (1568mm)
6ft	73.72" (1872mm)
7ft	85.72" (2177mm)



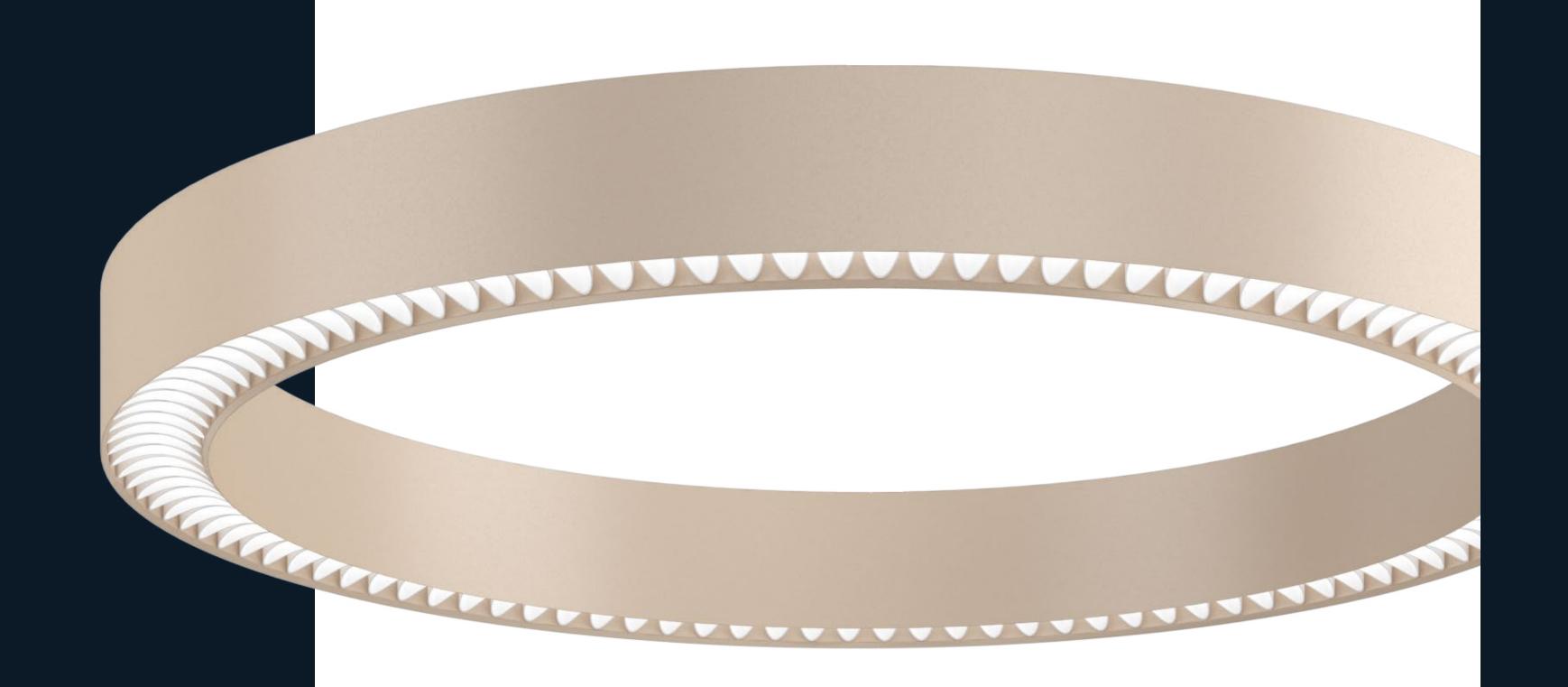


# SUSPENSION SYSTEMS



# HOUSING

- Black Metallic Textured
- Bronze Metallic Textured
- Midnight Blue Metallic Textured
- Charcoal Metallic Textured
- Red Metallic Textured
- Gold Metallic
- Champagne Metallic
- Copper Metallic
- Silver Metallic Textured
- White
- Wood Grain Light Cherry
- Wood Grain Dark Walnut
- Wood grain White Oak

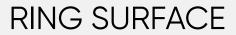




### 5 Louver Finishes

Black
Satin Gold
Satin Champagne
Satin Chrome
White



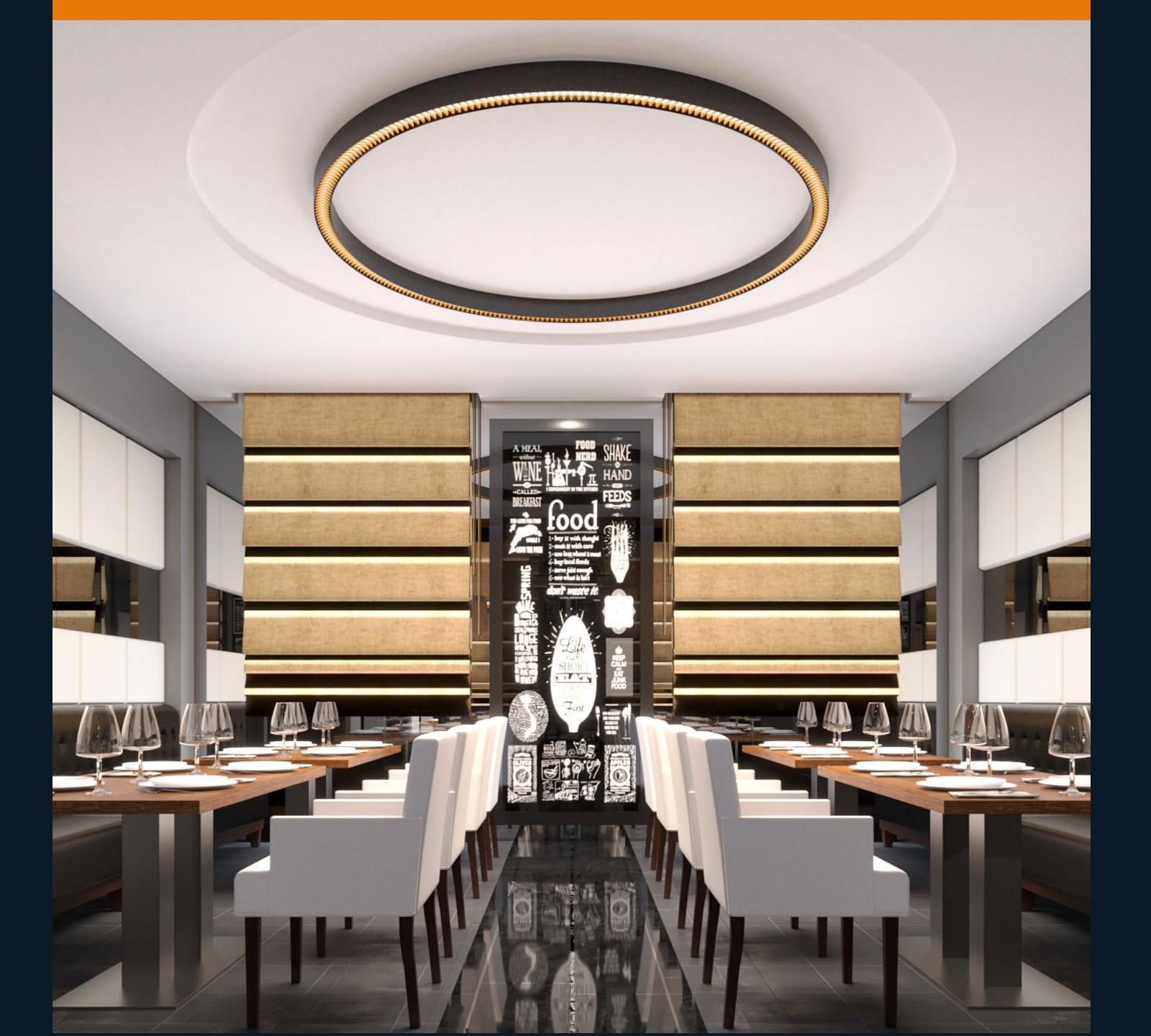




# OOOH

The harmonious shape of the ellipsoidal louver elevates the ring to next-level perfection.

Glam up the ceiling with satinized louver finishes that enhance the interior design.



### FUNCTIONAL BRILLIANCE

The Ooooh Ring Ceiling epitomizes refined design and exceptional functionality, offering a luminaire solution tailored for sophisticated interiors.

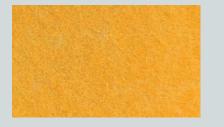
### Ooooh Ring Acoustic

Ooooh Ring is available with an acoustic panel in 6 finishes, adding another decorative dimension to the aesthetic of the luminaire, along with effective sound-absorbing functionality.



# ACOUSTIC PANEL COLORS

Custom options available to special order.



AP02 Citrus



AP04 White



AP08 Red Coffee



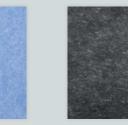
AP11 Light Gray



**AP13** Apple Green



AP22 Blue



Sesame Gray



AP26



AP27 Black



AP47 Navy Peony



AP60 Pure Red



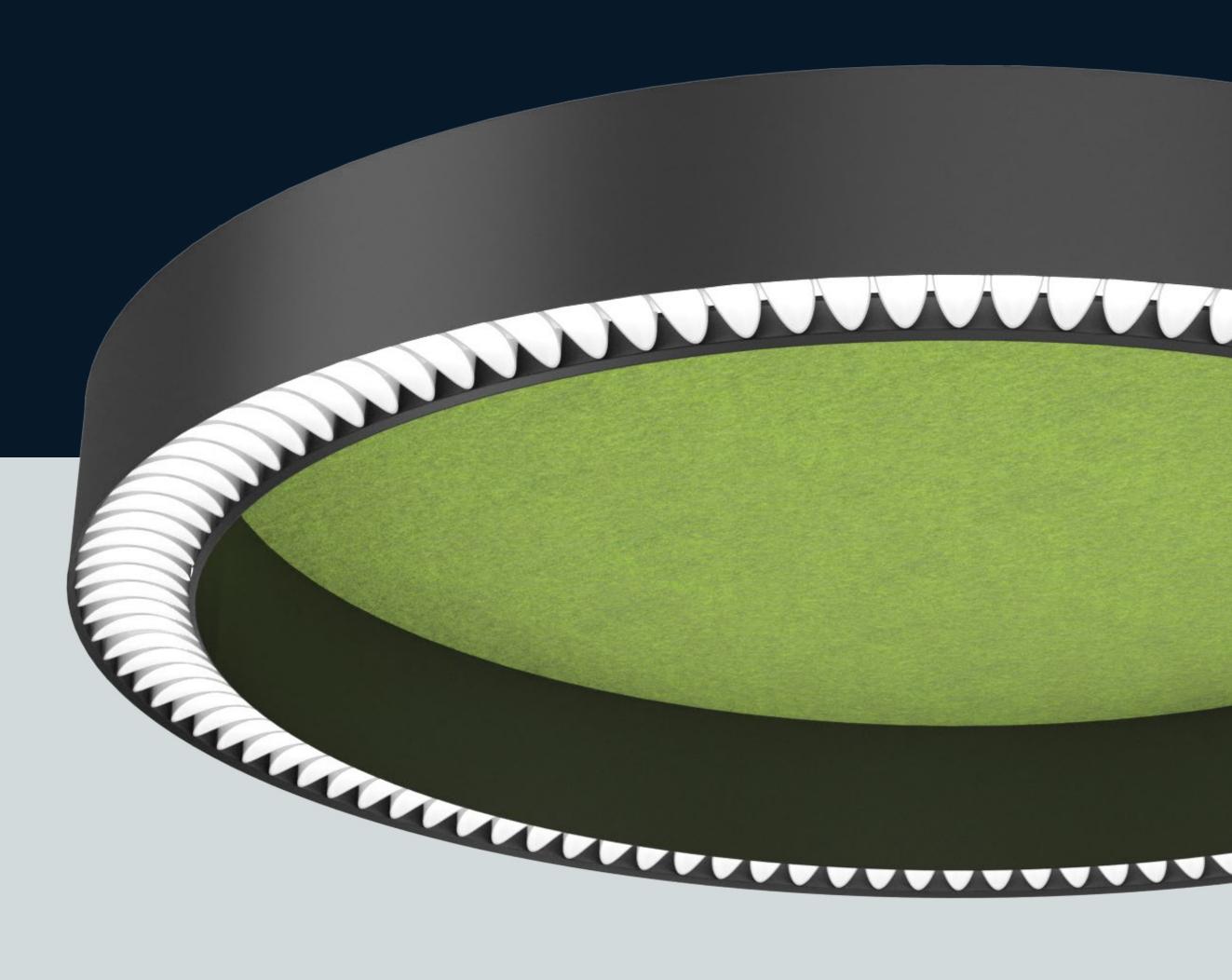
AP73 Cloudburst



AP89 Douglas Fir



APW01 Oak



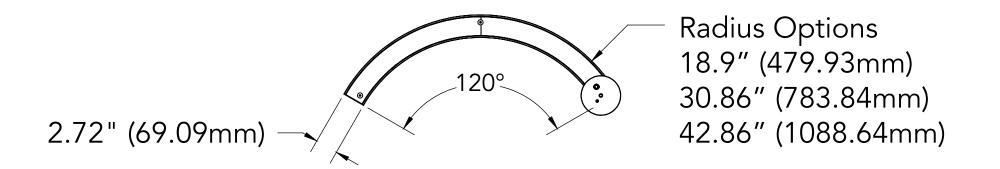


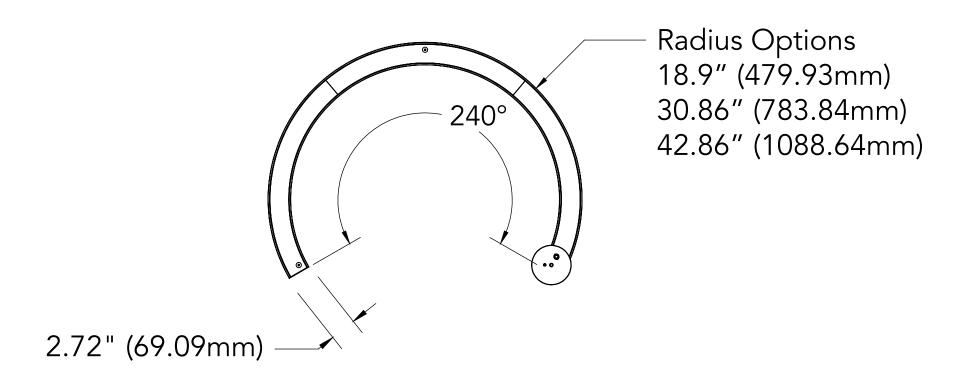




## DIMENSIONS

The Ooooh Kurl has six variations, encompassing two arc degrees, 120° and 240°, and three radii of 18", 30", and 42".









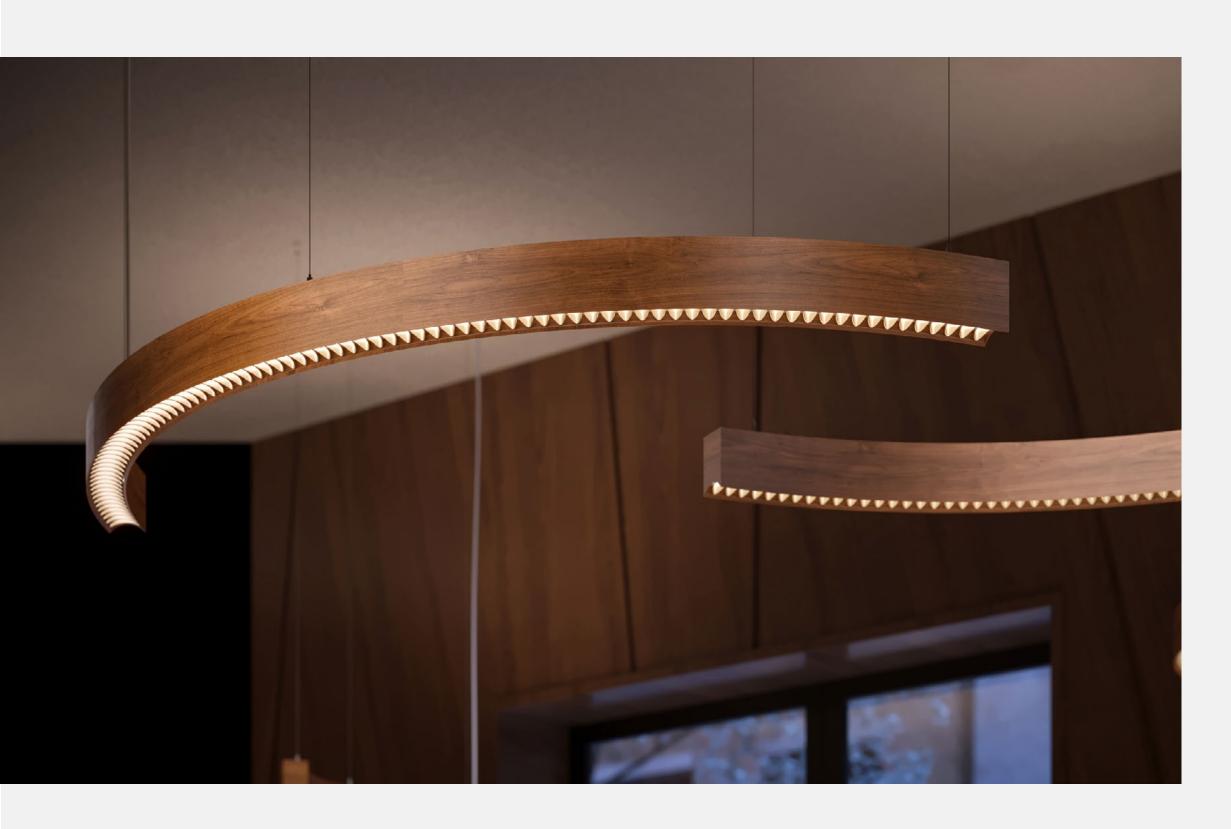
### **5 Louver Finishes**

Black
Satin Gold
Satin Champagne
Satin Chrome
White



### REFINED VISUAL COMFORT

Depart from the ordinary as OOOOH KURL serves as a captivating decorative feature while minimizing glare for enhanced visual comfort.



### EMBRACE THE CURVE

With OOOOH KURL's 120° and 240° arcs, contour your space with whimsical flair.







### Linear Series BETA-CALCO INC

Final Assembly: Toronto, Ontario, Canada Life Expectancy: 5 Year(s) End of Life Options: Recyclable (99.6%), Landfill (0.4%)

#### **Ingredients:**

Aluminum; Small Electrical Components - RoHS Compliant<sup>1</sup>; Polymethyl methacrylate; Steel; Acrylonitrile-Butadiene-Styrene Copolymer; Iron; Carbonic acid, polymer with 4,4'-(1-methylethylidene)bis[phenol]; Copper; Manganese; Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2,2'-[(1-methylethylidene)bis-, polymer with 2,2'-[(1-methylethylidene) bis(4,1-phenyleneoxymethylene)]bis[oxirane]; Silicon; Polyvinyl chloride; Magnesium; Antimony oxide (Antimony trioxide); Magnesium, [carbonato(2-)]hexadecahydroxybis(aluminum)hexa-; Tin, Organic; Tris(2-ethylhexyl) trimellitate; Titanium dioxide; Octadecanoic acid, calcium salt; Zinc; Phosphoric acid, 2-ethylhexyl diphenyl ester; Chromium, metallic; 1,3,5-Triglycidyl-striazinetrione; Methyl Ethyl Ketone; Titanium; Nickel (Metallic); 2-Methylimidazole; Carbon black; magnesium dioxide; Cyclohexanone

<sup>1</sup>LBC Temp Exception RL-002 - Small Electrical Components

#### Living Building Challenge Criteria:

#### I-13 Red List:

☐ LBC Red List Free

% Disclosed: 100% at 100ppm

☐ LBC Red List Approved

■ Declared

VOC Content: Not Applicable

I-10 Interior Performance: Not Applicable I-14 Responsible Sourcing: Not Applicable

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### **Decorative Series BETA-CALCO INC**

Final Assembly: Toronto, Ontario, Canada Life Expectancy: 5 Year(s) End of Life Options: Recyclable (99.7%), Landfill (0.3%)

#### Ingredients:

Aluminum; Small Electrical Components - RoHS Compliant<sup>1</sup>; Iron; Steel; Polyethylene Terephthalate; Glass, oxide, chemicals; Carbonic acid, polymer with 4,4'-(1-methylethylidene)bis[phenol]; Polyethylene; Brass; Poly[imino(1,6-dioxo-1,6- hexanediyl)imino-1,6-hexanediyl]; Siloxanes and Silicones, di-Me, Me vinyl, vinyl group-terminated; Manganese; Copper; Zinc; Silicon; Magnesium; Nylon; Siloxanes and Silicones, di-Me, di-Ph, vinyl group-terminated; Chromium, metallic; Polyvinyl chloride; Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis[oxirane]; Titanium dioxide; Cyclotetrasiloxane; Nickel (Metallic); Antimony oxide (Antimony trioxide); Magnesium,

[carbonato(2-)]hexadecahydroxybis(aluminum)hexa-; Polymethyl methacrylate; Tin, Organic; 1,3,5-Triglycidyl-striazinetrione; Titanium; nickel zinc; Silanol terminated polydimethylsiloxane; Molybdenum; Diisopropoxytitanium bis(ethylacetoacetate); Tungsten; Octadecanoic acid, calcium salt; Vanadium; Cobalt metal powder; Methyl Ethyl Ketone

<sup>1</sup>LBC Temp Exception RL-002 - Small Electrical Components

#### Living Building Challenge Criteria:

#### I-13 Red List:

☐ LBC Red List Free
☐ LBC Red List Approved

% Disclosed: 100% at 100ppm VOC Content: Not Applicable

■ Declared

I-10 Interior Performance: Not Applicable
I-14 Responsible Sourcing: Not Applicable

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# WHY DECLARE MATTERS

Every year, the building industry accounts for 39% of global carbon emissions, and the health impacts of the built environment are drawing increased scrutiny. In earning a Declare label for our linear and decorative line, we're joining over 200 manufacturers by responding to the market's demand for decreased emissions and increased transparency.



### BETACALCO

Since 1941, we have held a passion for designing cutting-edge professional lighting that changes how spaces are illuminated while upholding the enduring principles of quality and craftsmanship.

Our objective is to work in lockstep with our clients by developing innovative products that meet their variegated design needs and comply with the latest energy and construction standards. Furthermore, our manufacturing infrastructure allows us to scale products and satisfy niche design requirements.

We use leading-edge wellness technologies including BIOS, Tunable White, and Dim to Warm; and employ open-source connectivity to intelligent control systems, including Power over Ethernet.

Our customer-centric approach to service and product design is the basis of our reputation and how we have become a key lighting supplier across the globe.

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