

VELOP™



VELOP

# INTRODUCTION

VELOP takes shape with a sculpted arc, rounded end caps, and a lens that flows seamlessly from bottom to top, delivering a continuous flow of light that softens architectural lines. Designed to balance structure and fluidity, VELOP integrates seamlessly into a variety of spaces—whether as a sculptural focal point or a refined complement to architectural elements. The wrapped diffuser fully envelops the frame, ensuring consistent illumination without visible seams or interruptions. This seamless design enhances both aesthetics and performance, providing uniform light distribution across the entire fixture. The curved ends further reinforce this effect, allowing the lens to transition smoothly around the edges, avoiding harsh cutoffs and maintaining a cohesive, fluid appearance. Available in arc-shape and straight configurations, VELOP adapts to dynamic environments, offering scalable solutions for open offices, collaborative workspaces, hospitality settings, and beyond. Its versatility makes it a refined yet impactful lighting solution—one that enhances not just the space but the experience within it.

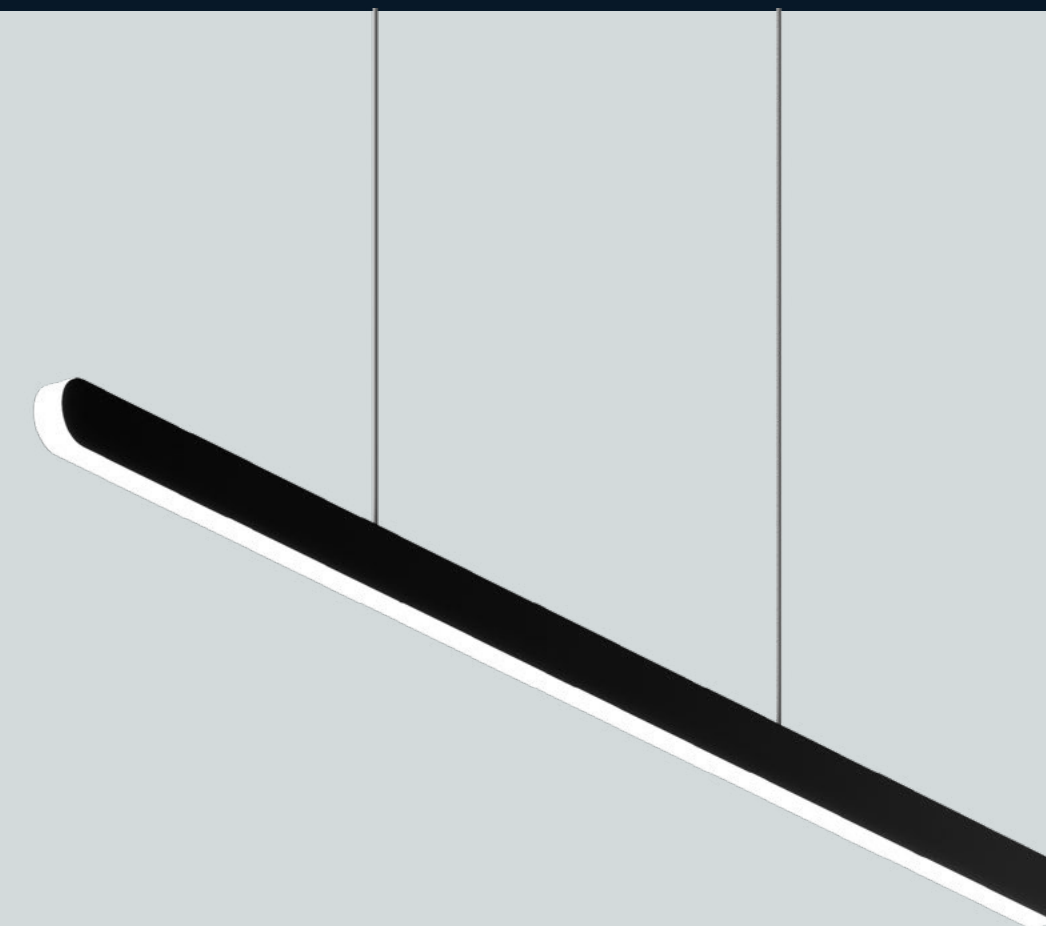


# VELOP VARIANTS



VELOP

Pendant



VELOP STRAIGHT

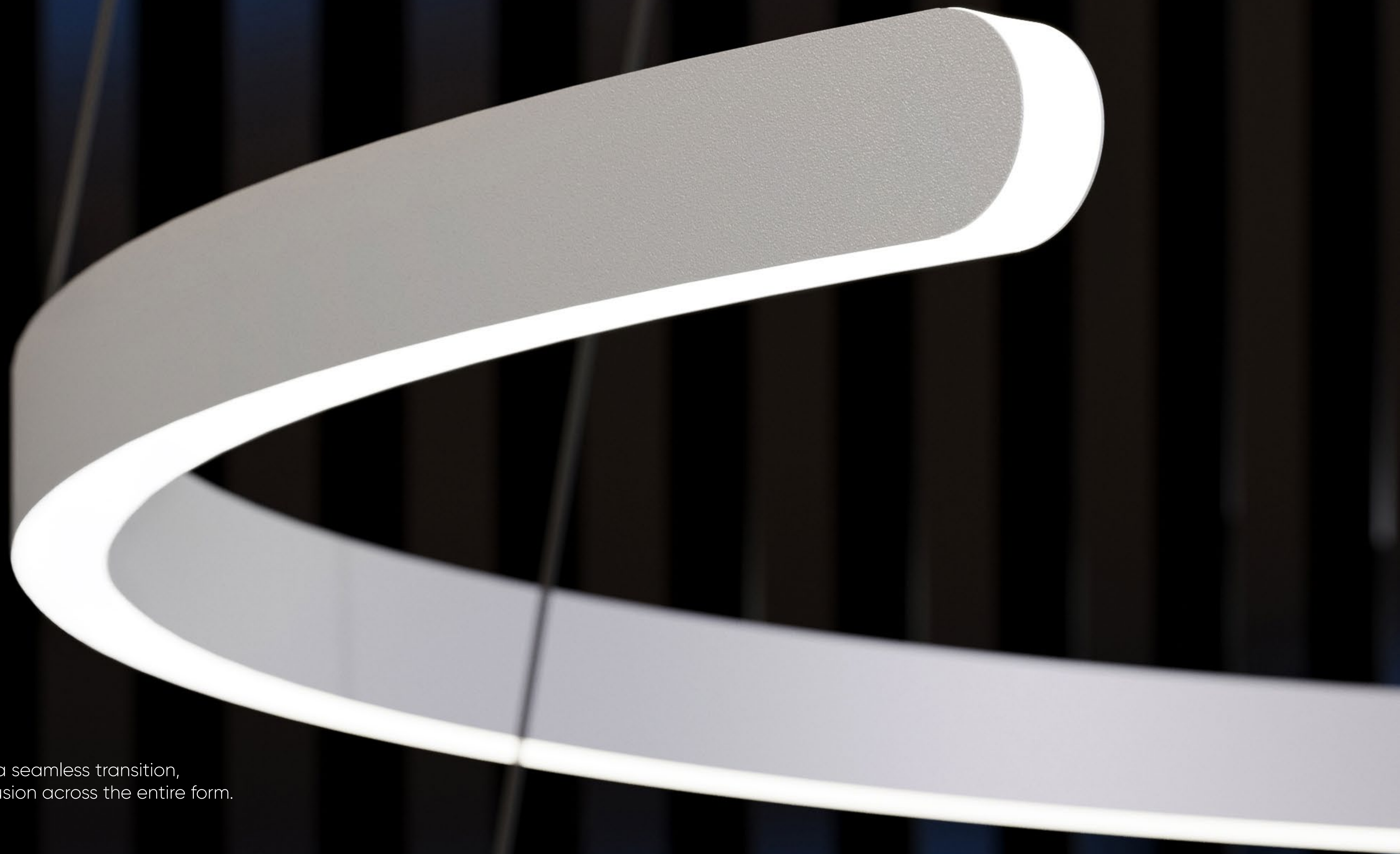
Pendant



# VELOP

Velop redefines spatial perception with its sculptural, multi-ring design, creating a sense of openness and fluidity. Suspended in perfect balance, it casts soft, even illumination that interacts with surrounding surfaces, adding depth and visual rhythm to the environment. Whether enhancing verticality or subtly influencing texture through light and shadow, Velop integrates seamlessly into a variety of settings, reinforcing architectural intent with a refined, cohesive presence.





**SMOOTH, CONTINUOUS LIGHT**

VELOP's rounded edge provide a seamless transition, ensuring uninterrupted light diffusion across the entire form.





An artistic interplay of light and space. VELOP's flowing design contrasts with structured ceiling elements, adding rhythm and sophistication to the surrounding architecture. Providing ambient illumination, it seamlessly integrates with its environment, creating a warm and inviting atmosphere suited for a range of settings.





## SCALABLE FOR ANY SPACE

From singular elements to layered compositions, VELOP scales effortlessly to create dynamic lighting installations.





VELOP

VELOP introduces fluid, organic movement to structured spaces. Suspended with precision, its interwoven loops soften rigid architectural lines while providing balanced illumination. The open ceiling and expansive windows further enhance its sculptural presence, creating an environment that is both functional and visually dynamic.



VELOP

# SUSPENSION SYSTEMS



SS9  
POS, Hub  
Driver Integral to Canopy



SS7  
POS, Hub  
Remote Driver



SS6  
POS, Vertical  
Remote Driver  
4" Canopy



SS5  
POS, Vertical  
Remote Driver  
2" Canopy



VELOP

ARC DEGREE



AG300  
300°



AG240  
240°



AG120  
120°





105 LPW

#### SUSTAINABLE ILLUMINATION

VELOP's high-efficacy design delivers 105 lumens per watt, providing balanced, energy-efficient illumination while maintaining a sleek architectural profile.



A modern, curved, illuminated light fixture hangs in a minimalist interior space. The fixture is a dark, curved band with a bright white light source inside, creating a glowing effect. It is suspended by a thin rod. The background is a blurred view of a room with a light-colored floor and a dark metal frame, possibly a staircase or a partition.

## COMPACT, DEFINED FORM

With a refined 1" width and 2-1/8" height, VELOP's slender profile delivers a bold presence without overwhelming the space. Its compact form integrates seamlessly while maintaining a striking visual impact.



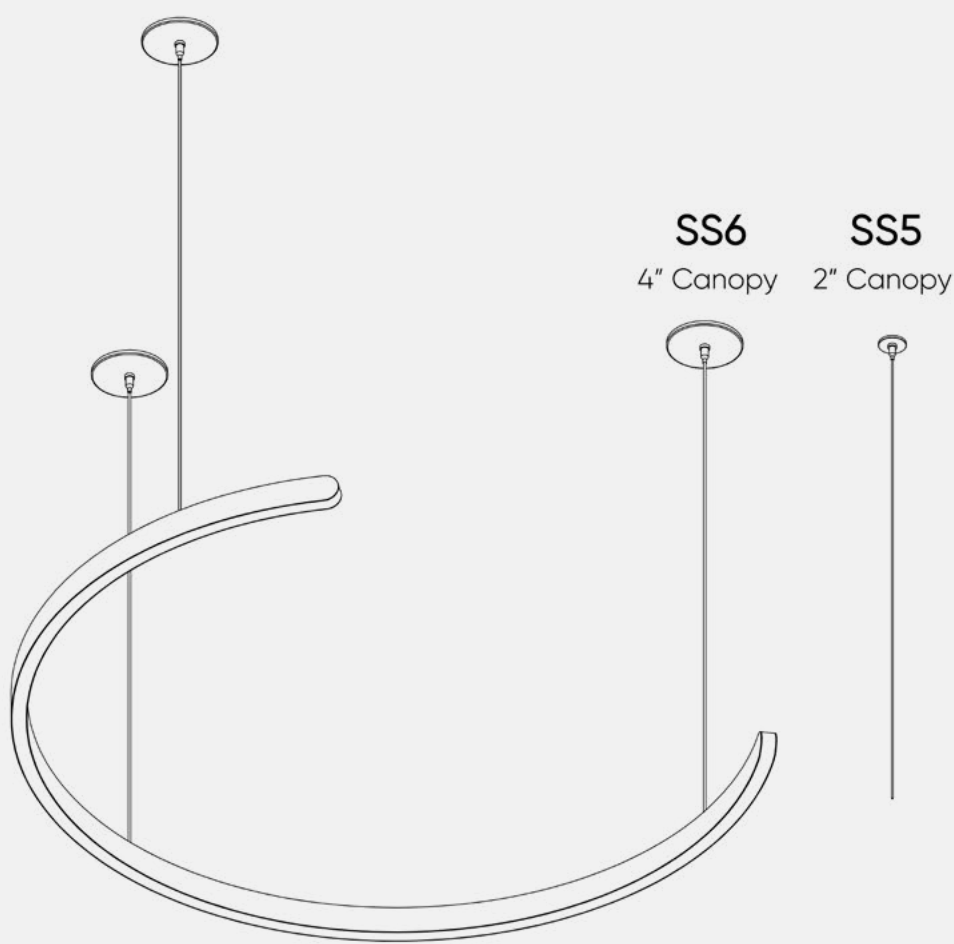
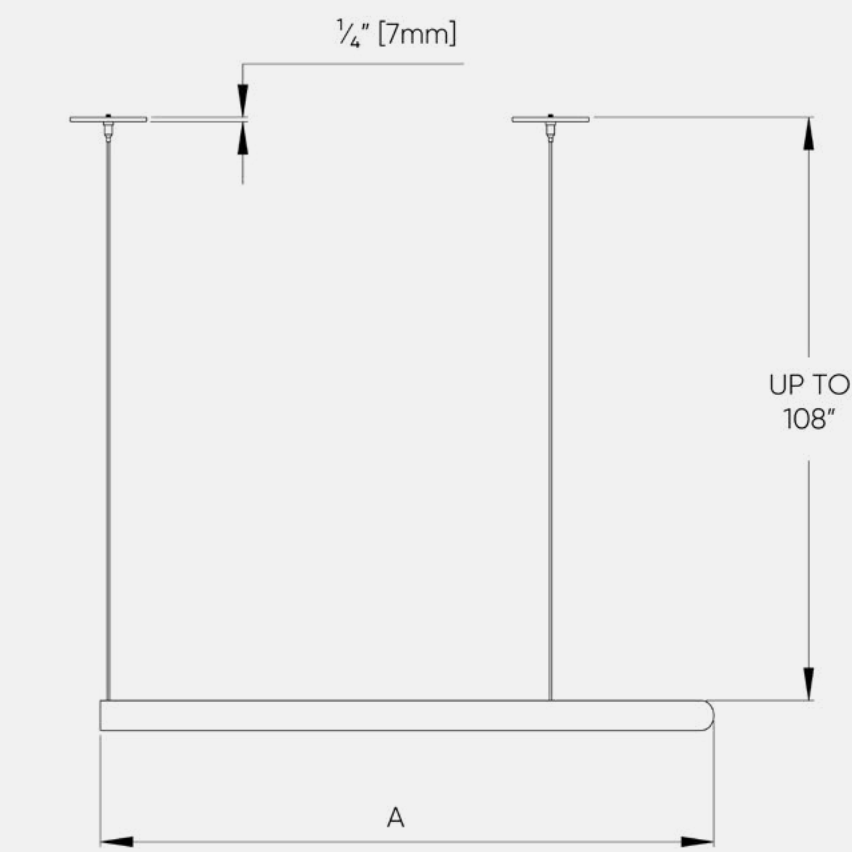
VELOP introduces a balance of curvature and precision, complementing the geometric architecture of the space. Its segmented form aligns with surrounding linear elements while its curved profile softens the composition. Ideal for enclosed or open-plan environments, VELOP provides uniform illumination that enhances both focus and atmosphere.



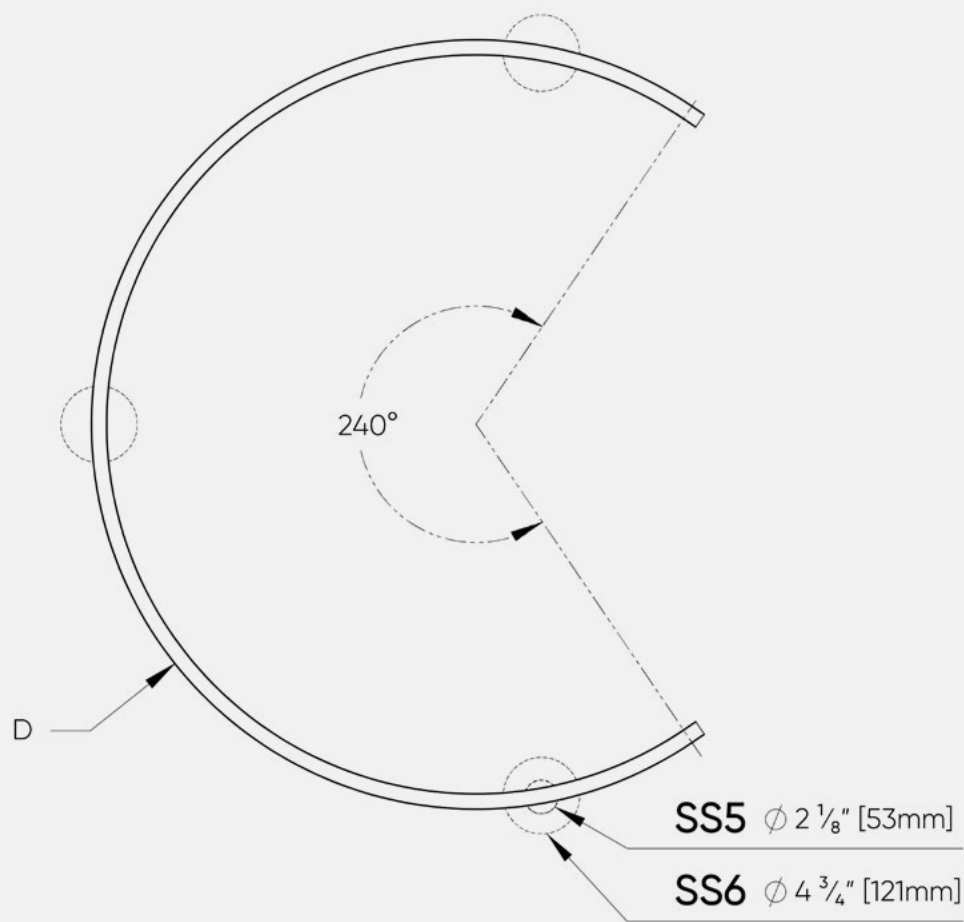
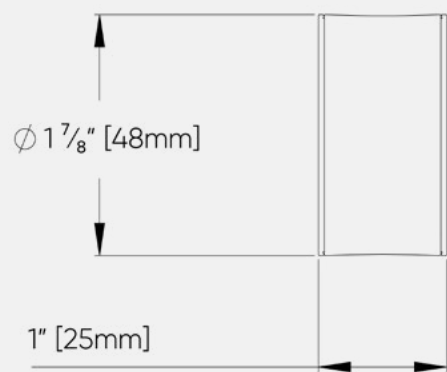


# DIMENSIONS

The VELOP is offered in diameters from 2 to 7 feet and in three arc degree options.



## PROFILE DIMENSIONS



## LUMINAIRE DIMENSIONS

Nominal Size	D (Actual Diameter)	A (Depth)	No. of Suspensions
2FT	24 $\frac{5}{8}"$ [626mm]	20 $\frac{5}{8}"$ [524mm]	3
3FT	36" [915mm]	29 $\frac{1}{4}"$ [743mm]	3
4FT	48" [1219mm]	38 $\frac{1}{4}"$ [972mm]	4
5FT	60" [1524mm]	47 $\frac{1}{4}"$ [1200mm]	4
6FT	72" [1829mm]	56 $\frac{1}{2}"$ [1429mm]	6
7FT	84" [2134mm]	65 $\frac{1}{2}"$ [1657mm]	6







# TECHNICAL SPECIFICATIONS

## **Lumen packages:**

Direct: 175 LM/FT to 800 LM/FT

Direct-Indirect: 175 LM/FT to 525 LM/FT

## **CCT:**

2700K, 3000K, 3500K, 4000K

## **CRI:**

90+

## **Circuits:**

Single & Dual

## **Emergency:**

Remote

## **Dimming (Remote Drivers):**

0-10V Dimming at 1.0%

Dali Dimming at 1.0% and 0.1%

PoE

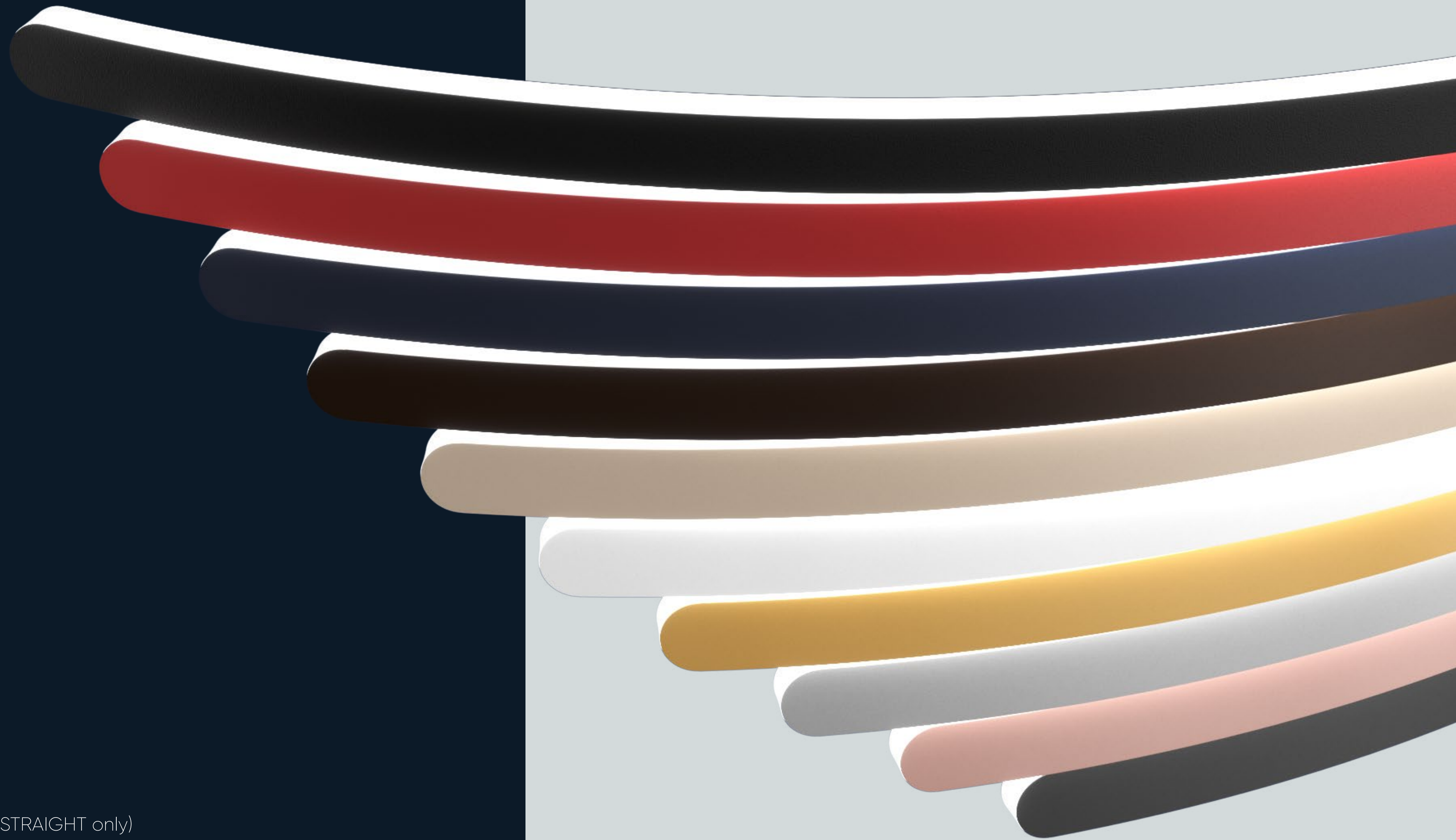
## **Sensors:**

Consult factory regarding sensor compatibility.



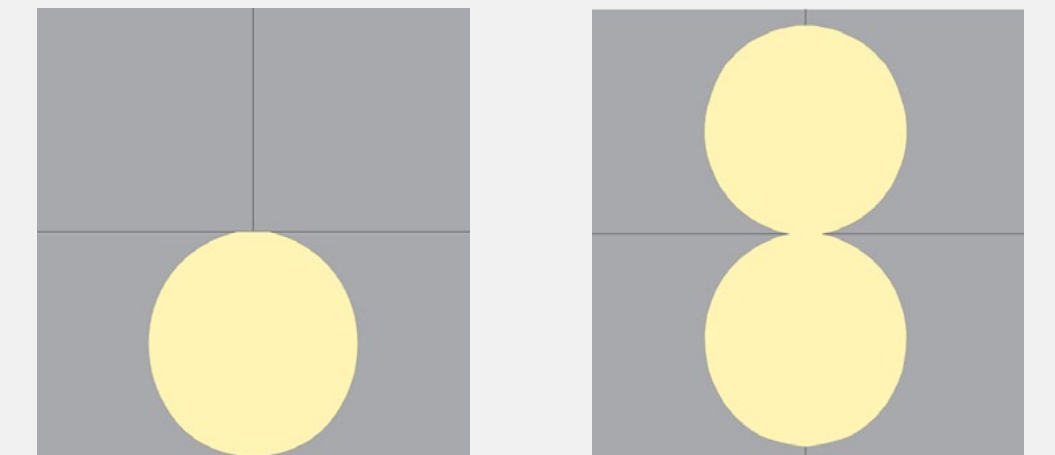
# FINISHES

- Black Metallic Textured
- Bronze Metallic Textured
- Midnight Blue Metallic Textured
- Charcoal Metallic Textured
- Red Metallic Textured
- Gold Metallic Textured
- Champagne Metallic
- Copper Metallic
- Silver Metallic Textured
- White Textured
- Wood Grain – Light Cherry (VELOP STRAIGHT only)
- Wood Grain – Dark Walnut (VELOP STRAIGHT only)





# LIGHT DISTRIBUTION



Direct

Direct-Indirect

Available in direct-only or direct-indirect illumination.

Direct-Indirect

Direct





# VELOP STRAIGHT

VELOP Straight defines the space with clean, uninterrupted lines. Its linear form aligns with architectural elements, reinforcing structure while delivering consistent illumination. The surrounding openness enhances its clarity, making it a seamless addition to refined environments.





## PRECISION ENGINEERING

Meticulously crafted, VELOP's precision-machined body and seamless lens integration ensure a refined, uninterrupted flow of light and material.





## VELOP STRAIGHT

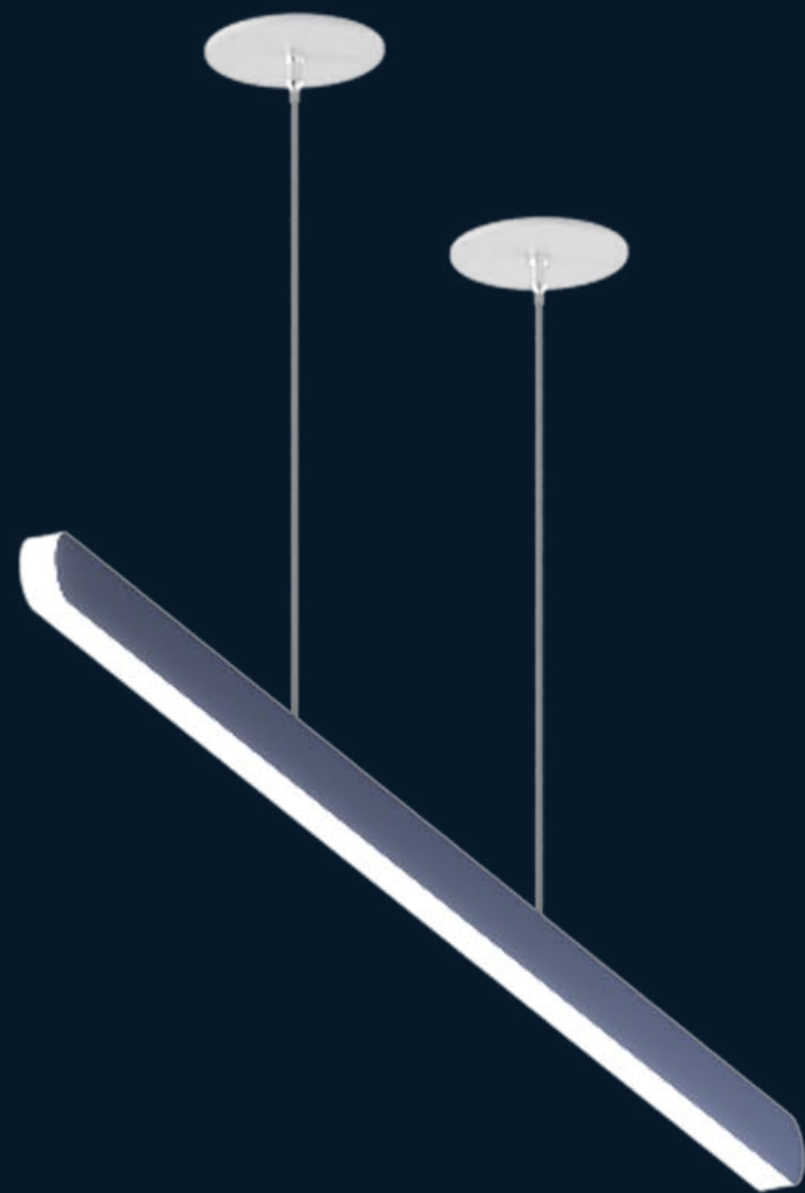
Strategic yet adaptable. VELOP Straight's linear configurations complement both structured layouts and open-concept spaces. Its balanced distribution of light supports functionality, while its sleek design integrates effortlessly into modern interiors.



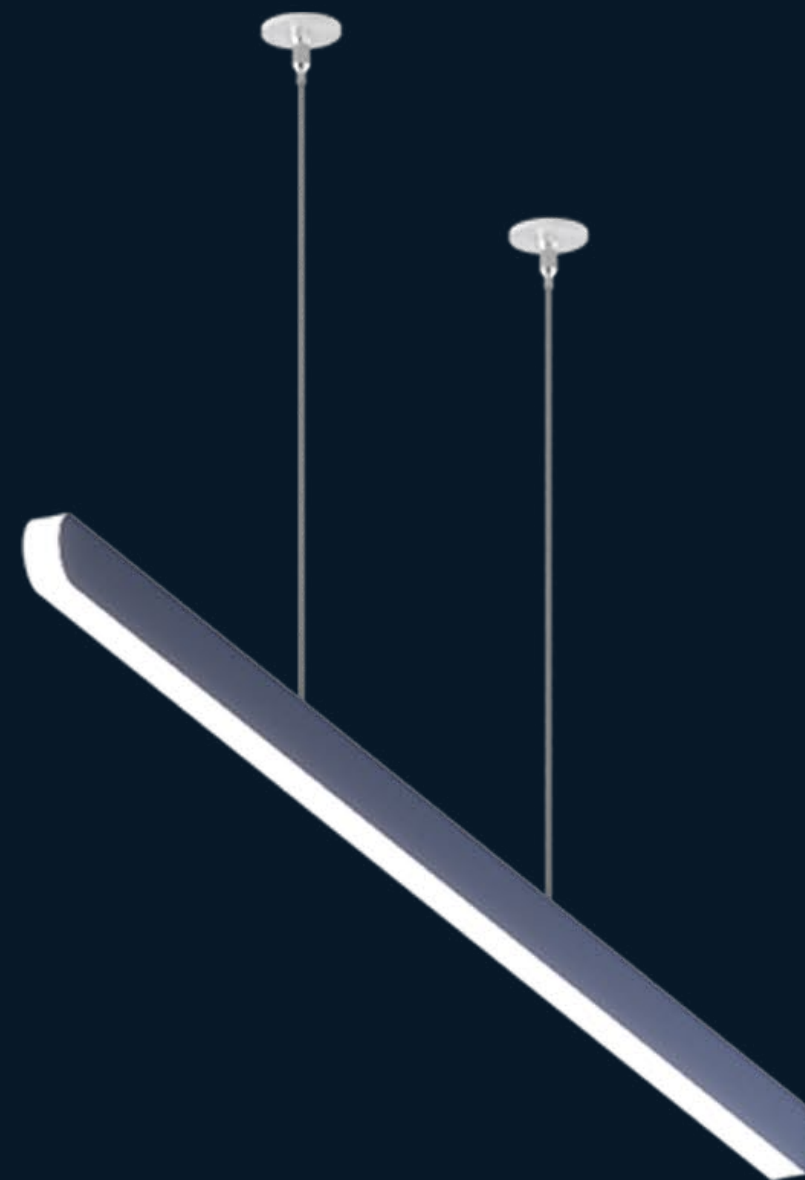




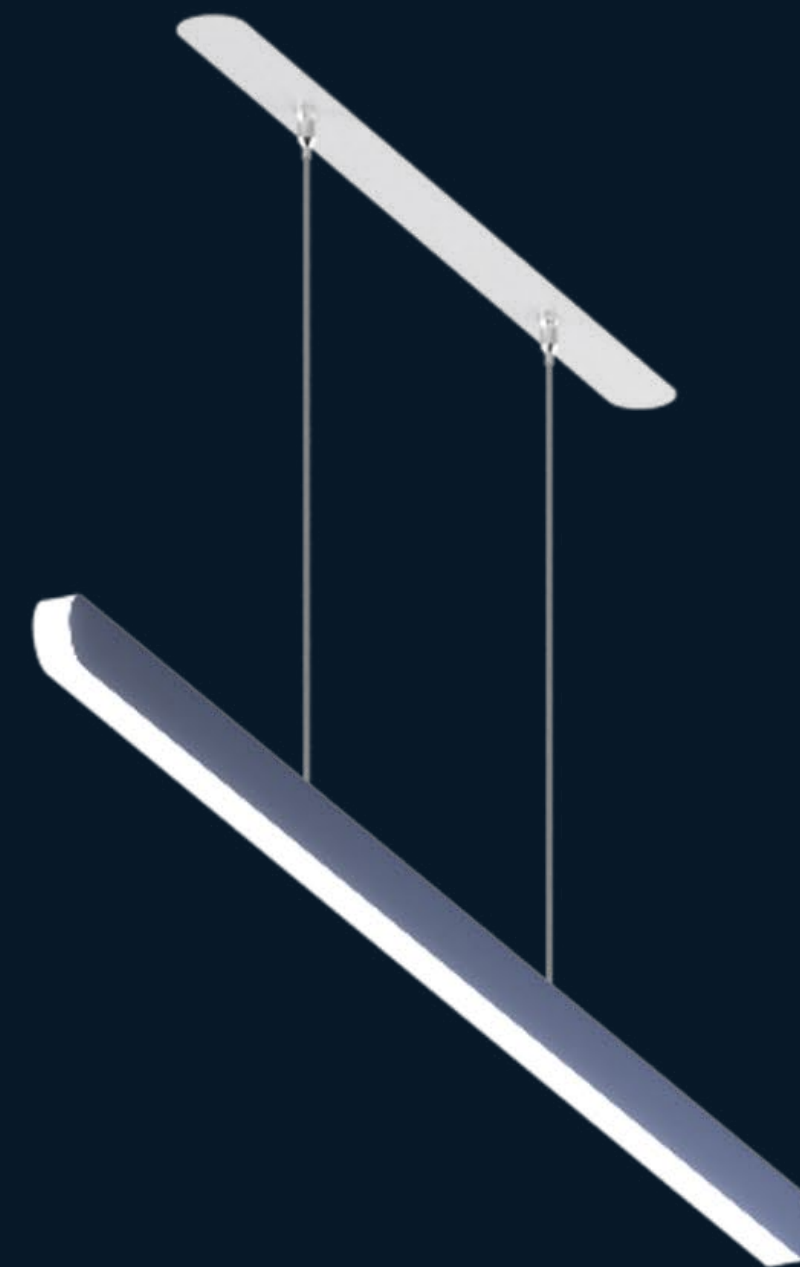
# VELOP STRAIGHT SUSPENSION SYSTEMS



CN1  
POS, Vertical  
Remote Driver  
4" Canopy



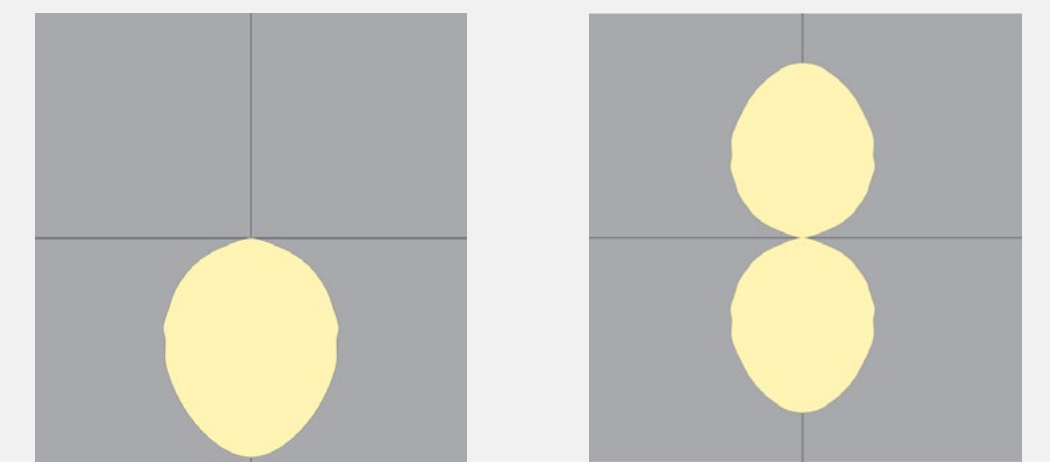
CN2  
POS, Vertical  
Remote Driver  
2" Canopy



CN3  
POS, Vertical  
Recessed Driver



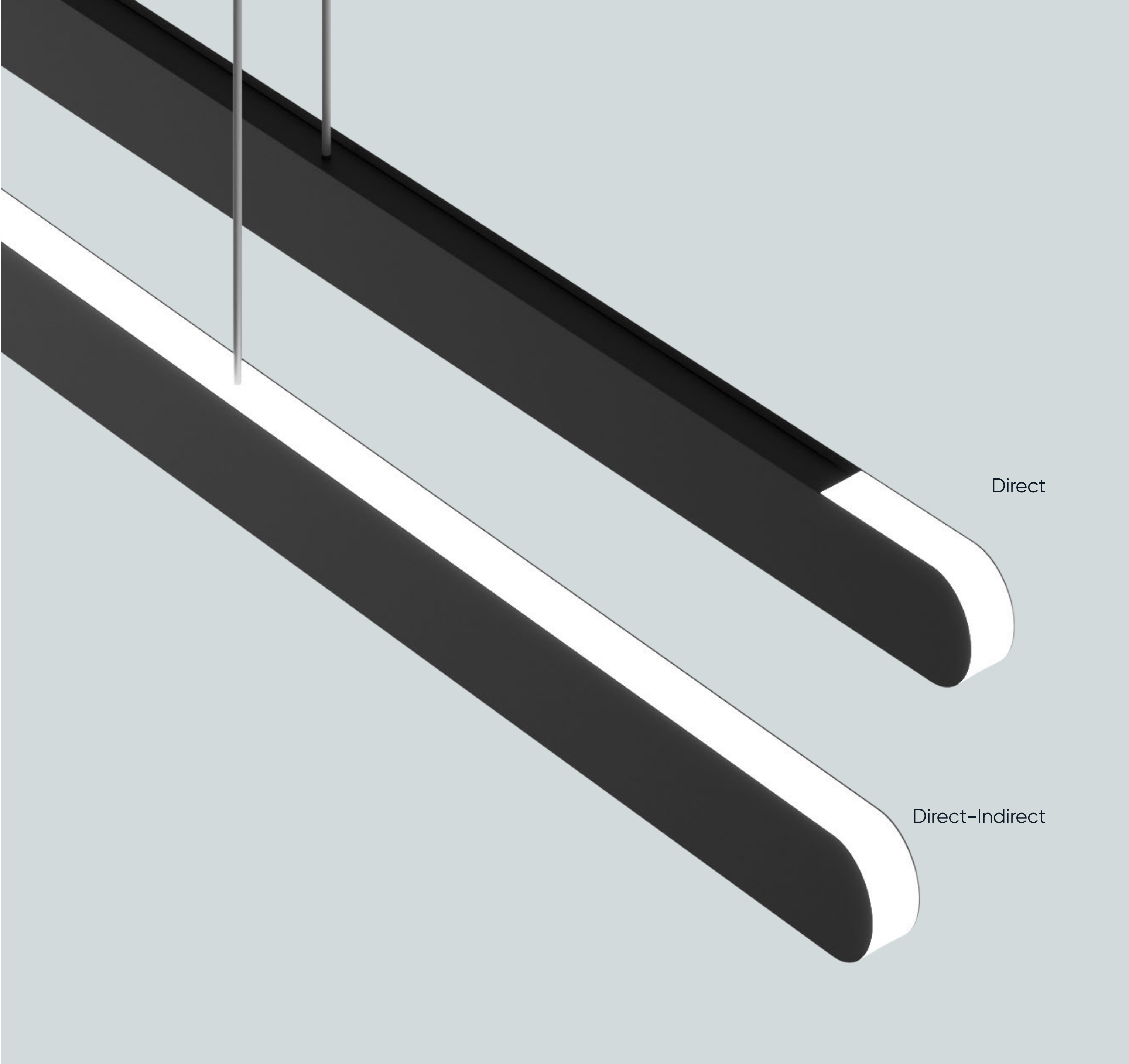
# LIGHT DISTRIBUTION



Direct

Direct-Indirect

Available in direct-only or direct-indirect illumination.



Direct

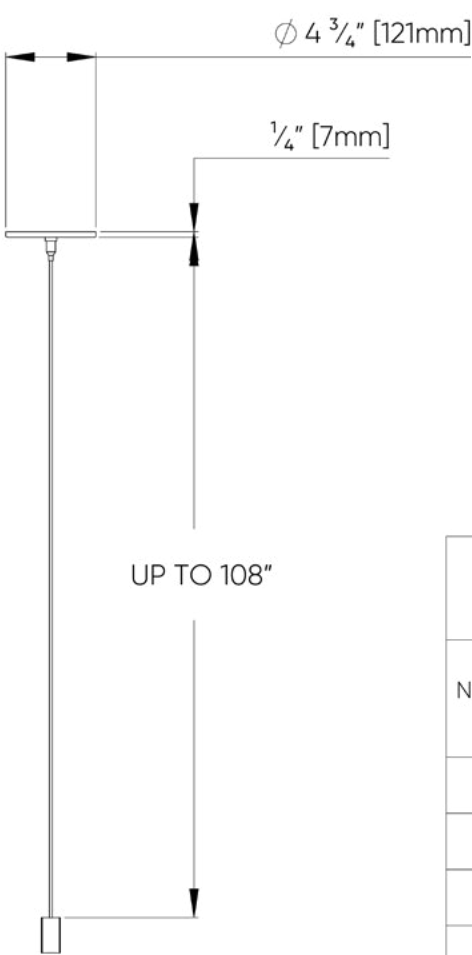
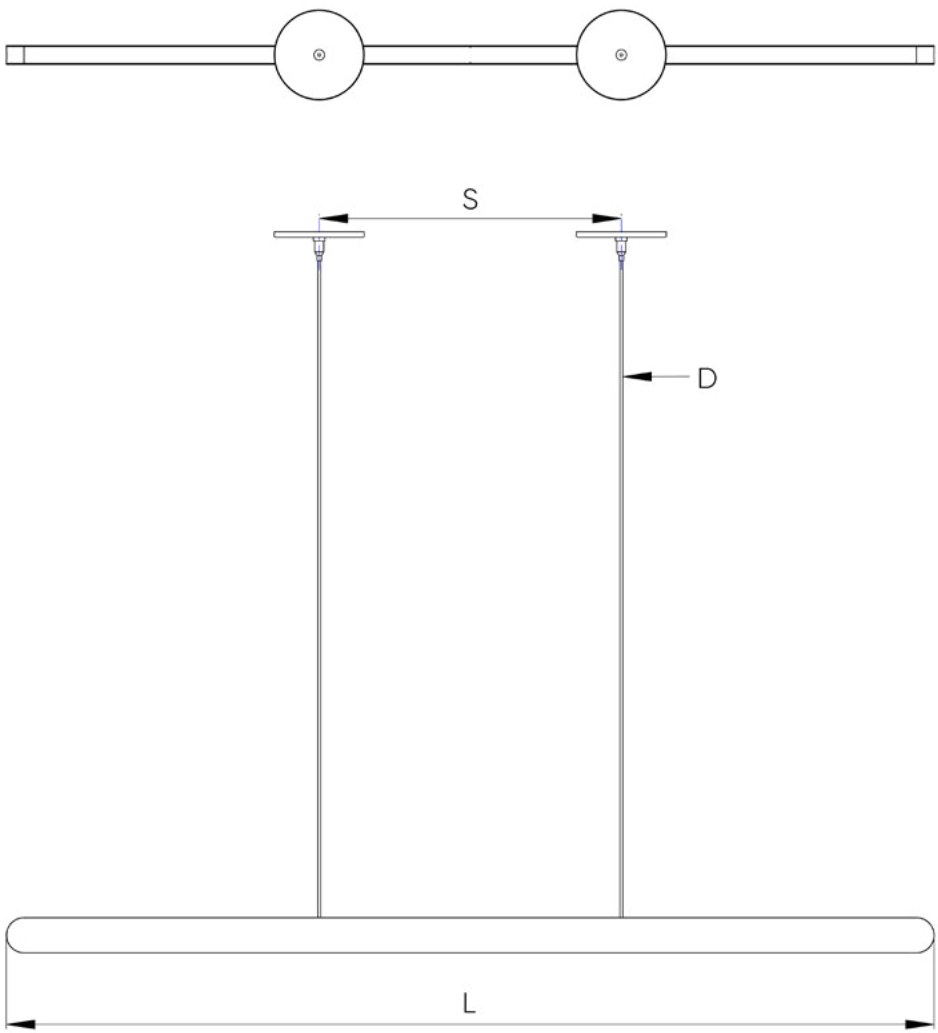
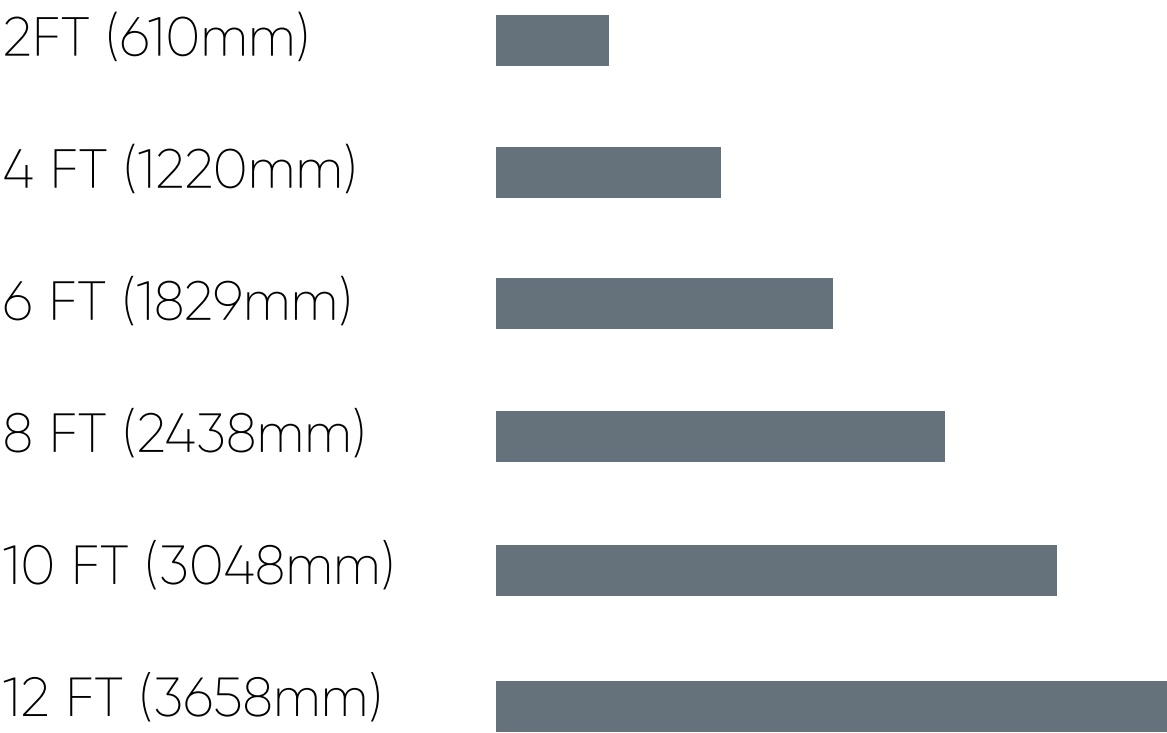
Direct-Indirect



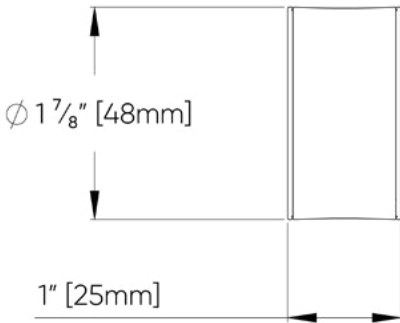
# DIMENSIONS

The VELOP Straight is available in lengths from 2 to 12 feet, in 2-foot increments.

## Section Lengths



## PROFILE DIMENSIONS



LUMINAIRE DIMENSIONS			
NOMINAL SIZE	S Distance Between Suspension Points	L Actual Luminaire Length	D Cluster of POS Cords per Susp. pt
2FT	8" [203mm]	29 $\frac{3}{8}"$ [747mm]	1
4FT	16" [406mm]	53 $\frac{3}{8}"$ [1357mm]	1
6FT	24" [610mm]	77 $\frac{3}{8}"$ [1966mm]	1
8FT	32" [813mm]	101 $\frac{3}{8}"$ [2576mm]	1 or 2 (1" apart)
10FT	40" [1016mm]	125 $\frac{3}{8}"$ [3185mm]	1 or 2 (1" apart)
12FT	48" [1219mm]	149 $\frac{3}{8}"$ [3795mm]	1 or 2 (1" apart)







# TECHNICAL SPECIFICATIONS

**Lumen packages:**

Direct: 175 LM/FT to 800 LM/FT

Direct-Indirect: 175 LM/FT to 525 LM/FT

**CCT:**

2700K, 3000K, 3500K, 4000K

**CRI:**

90+

**Circuits:**

Single & Dual

**Emergency:**

Remote

**Dimming (Remote Drivers):**

0-10V Dimming at 1.0%

Dali Dimming at 1.0% and 0.1%

PoE

**Sensors:**

Consult factory regarding sensor compatibility.



**Declare.**



®





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(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-s-  
triazinetriene; 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                VOC Content: Not Applicable  
☒ Declared

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

BET-0001

Original Issue Date: 2023

MANUFACTURER RESPONSIBLE FOR LABEL ACCURACY  
INTERNATIONAL LIVING FUTURE INSTITUTE™ [living-future.org/declare](https://living-future.org/declare)



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-s-  
triazinetriene; 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                      % Disclosed: 100% at 100ppm  
☐ LBC Red List Approved                VOC Content: Not Applicable  
☒ Declared

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

BET-0002

Original Issue Date: 2023

MANUFACTURER RESPONSIBLE FOR LABEL ACCURACY  
INTERNATIONAL LIVING FUTURE INSTITUTE™ [living-future.org/declare](https://living-future.org/declare)

# 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.

[betacalco.com](https://betacalco.com)

[sales@betacalco.com](mailto:sales@betacalco.com)

