



# BLADE

RING BLADE™  
SWITCH BLADE™  
RING DISC™



# INTRODUCTION

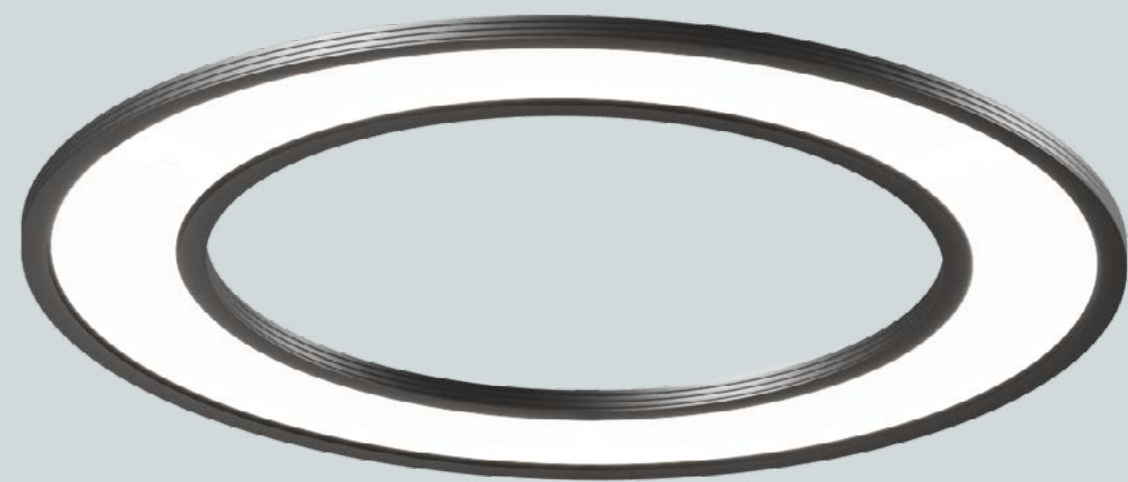
RING BLADE™  
SWITCH BLADE™  
RING DISC™

The Blade series reimagines the iconic circle, presenting a luminaire that's as razor-sharp in design as it is revolutionary. By slimming the traditional profile to an ultra-modern 3/4" while amplifying light output, it stands as a paragon of contemporary precision. Its crisp form embodies unity and precision, exuding a distinguished presence. This luminaire delivers powerful, even lighting with low glare, tailored for both ambiance and task. Whether standing solo or grouped in audacious arrays, Blade transforms spaces with bold luminosity and dynamic form, redefining the circle's role in the lexicon of modern design.





# BLADE VARIANTS



RING BLADE

Pendant



SWITCH BLADE 2

Pendant



SWITCH BLADE 3

Pendant



RING DISC

Pendant



# SUSPENDED

Light not just the room but the imagination of all who enter with the Blade series. Its minimalist design infuses spaces with a contemporary vibe. More than a luminaire—it's an architectural icon for designers blending functional brilliance with striking visual statements.



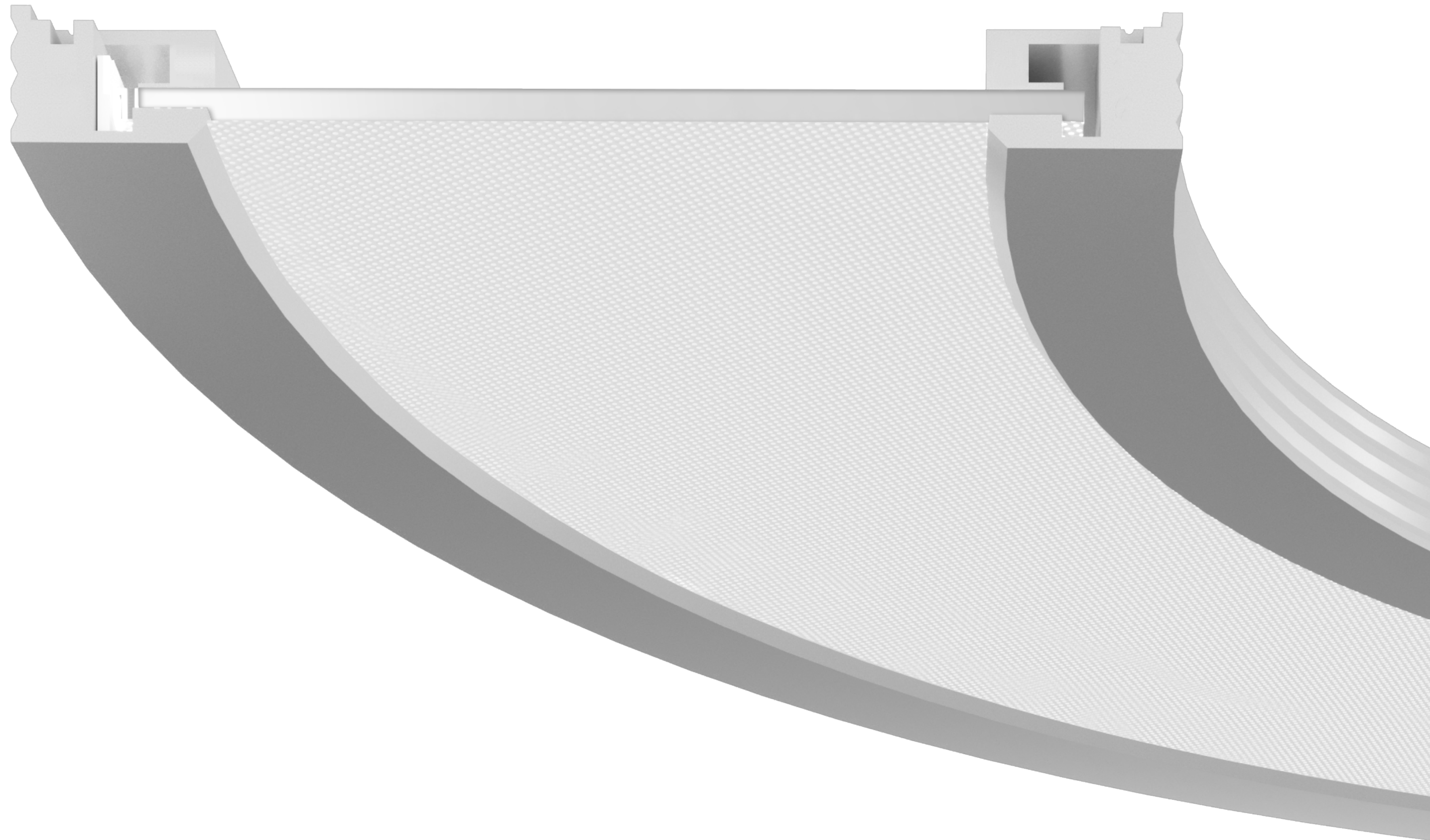








# TECHNICAL SPECIFICATIONS

**Lumen packages:**

Direct: 400 LM/FT to 800 LM/FT

Direct/Indirect: 600 LM/FT to 1000 LM/FT

**CCT:**

2700, 3000K, 3500K, 4000K

**CRI:**

90+

**Circuits:**

Single

**Emergency:**

Remote

**Dimming (Remote Drivers):**

0-10V Dimming @ 1% and 0.1%

Dali Dimming @ 1% and 0.1%

DSI/switchDim, PoE

**Efficacy:**

100 LPW for direct only, 113 LPW for the direct-indirect

**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:**

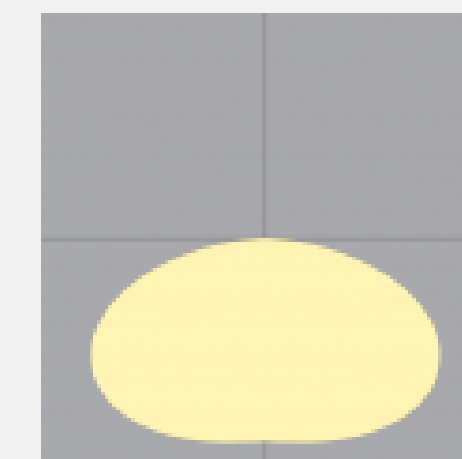
Mirko Rotondi (SWITCH BLADE)

US Patent Pending

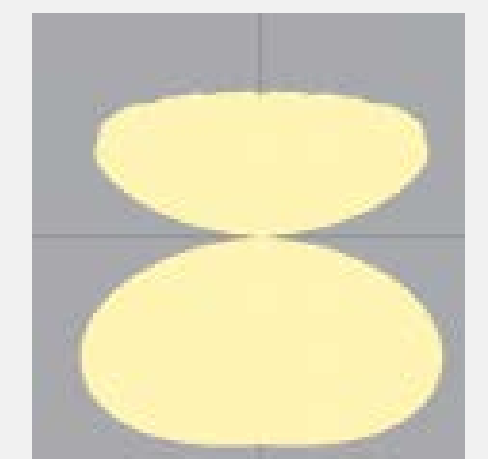




# LIGHT DISTRIBUTION



Direct



Dir-Indirect

In the suspended models, choose between direct-only illumination or a combination of direct and indirect lighting, with 54% of the light distributed directly and 46% indirectly.





Ring Blade weaves slender lines and cutting-edge design into the symphony of form, material, and light. The circular beacons of innovation enrich the space with soft ambient light. Their trim form factor harmonizes with the bar's contemporary ethos, offering more than illumination – they create an atmosphere. Each luminaire's glow carves out a niche of intimacy within the open space, asserting itself as an essential facet of the design narrative that speaks to both the present and the future of architectural lighting.





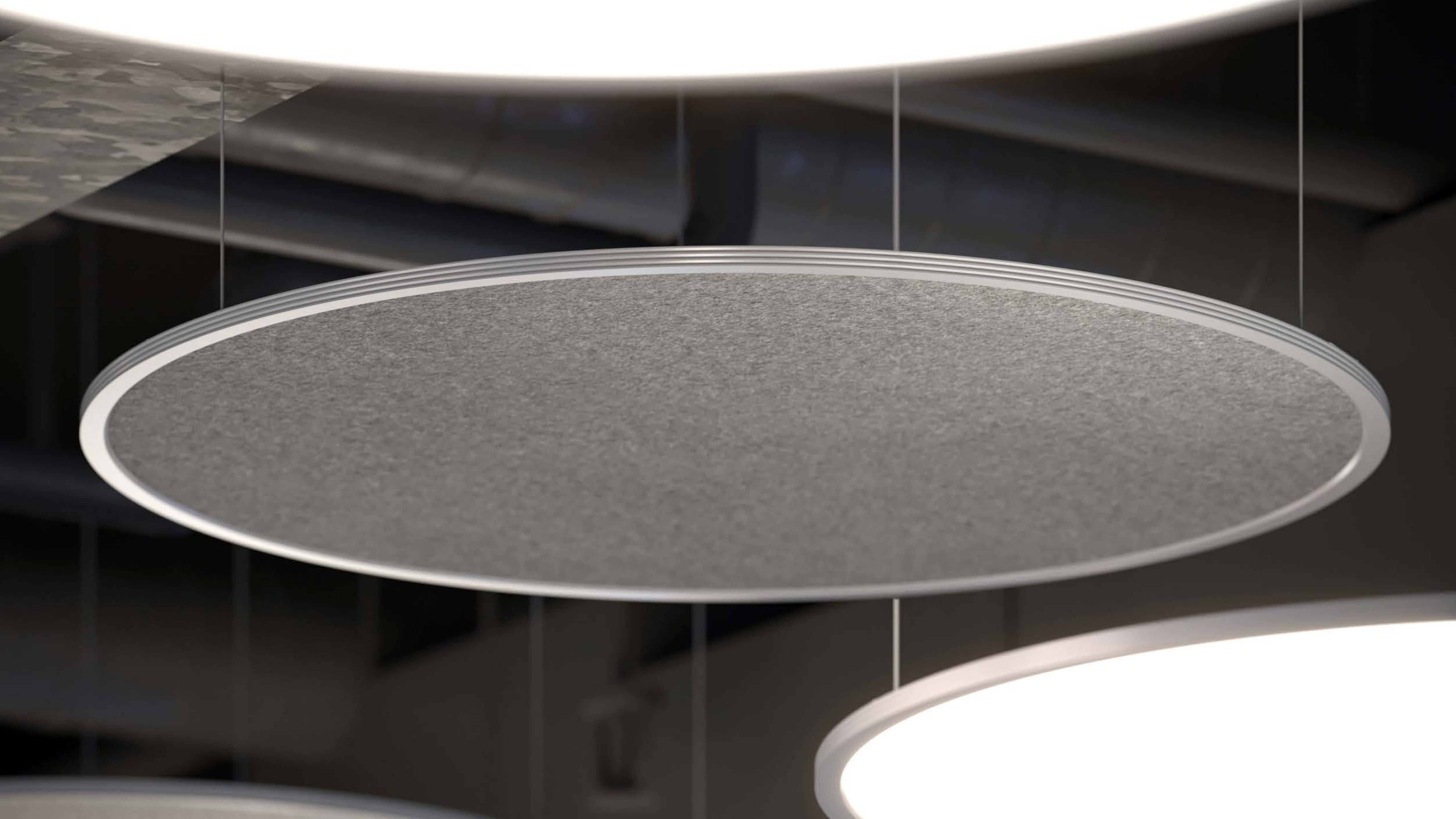
# SWITCH BLADE 2

Suspended in harmony with historical elements, the Blade luminaires are the crowning jewels of this architecturally blended space. They are not mere sources of light but sculptural embodiments of innovation. Casting a soft glow, these radiant circles of light stand out against the rustic timbers, marrying the old with the bold. The Blade series is a testament to the luminous future of design, making a statement that transcends the functionality of lighting into the realm of experiential aesthetics.

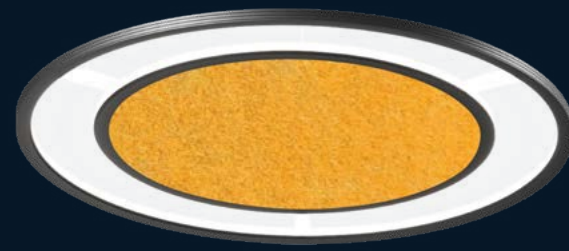








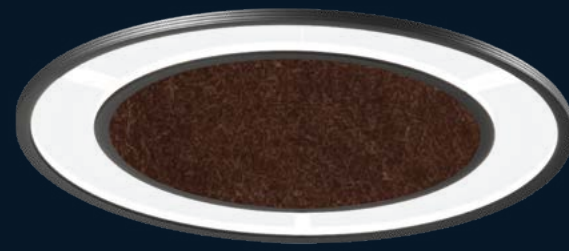




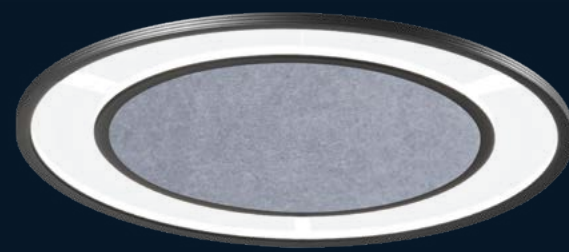
AP02 Citrus



AP04 White



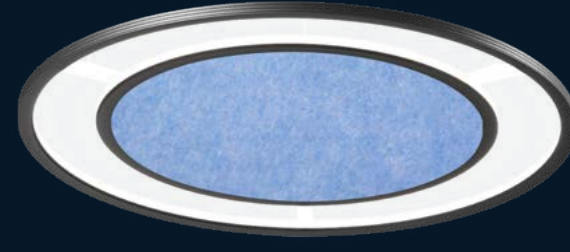
AP08 Red Coffee



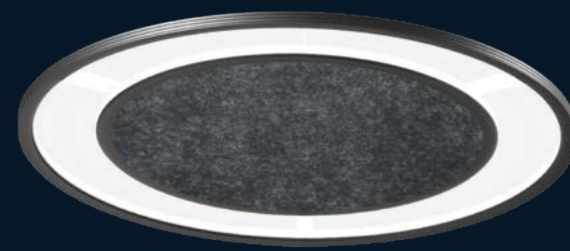
AP11 Light Gray



AP13 Apple Green



AP22 Blue



AP26 Sesame Gray



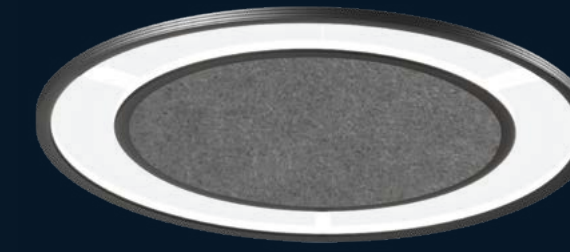
AP27 Black



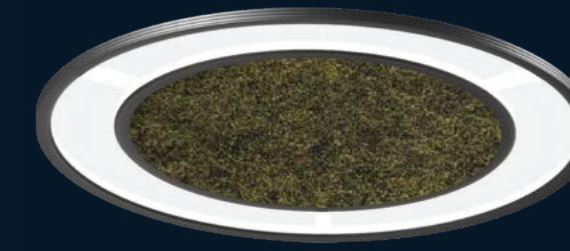
AP47 Navy Peony



AP60 Pure Red



AP73 Cloudburst



AP89 Douglas Fir



APW01 Oak

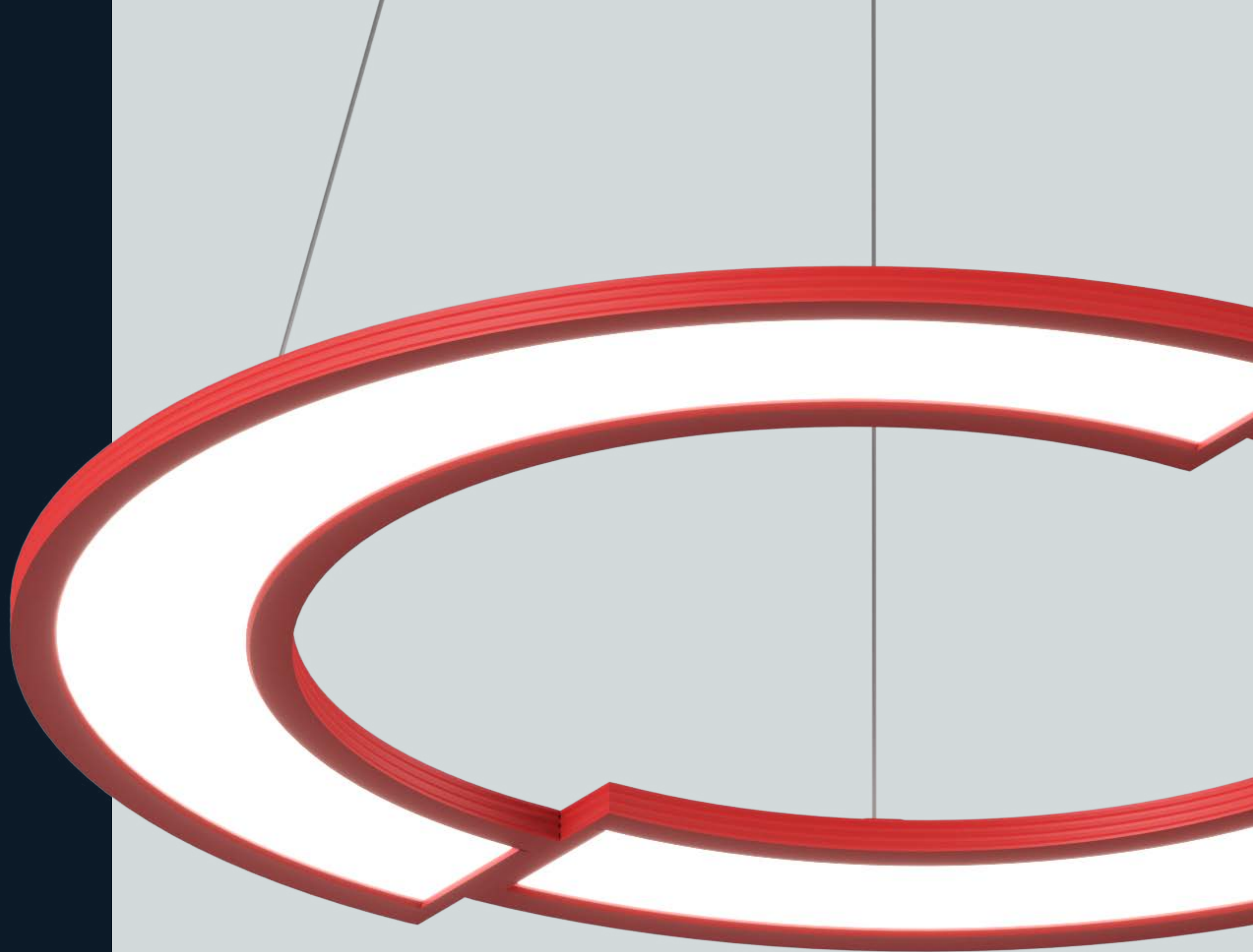
Custom options available to special order.

# 13 ACOUSTIC PANEL COLORS



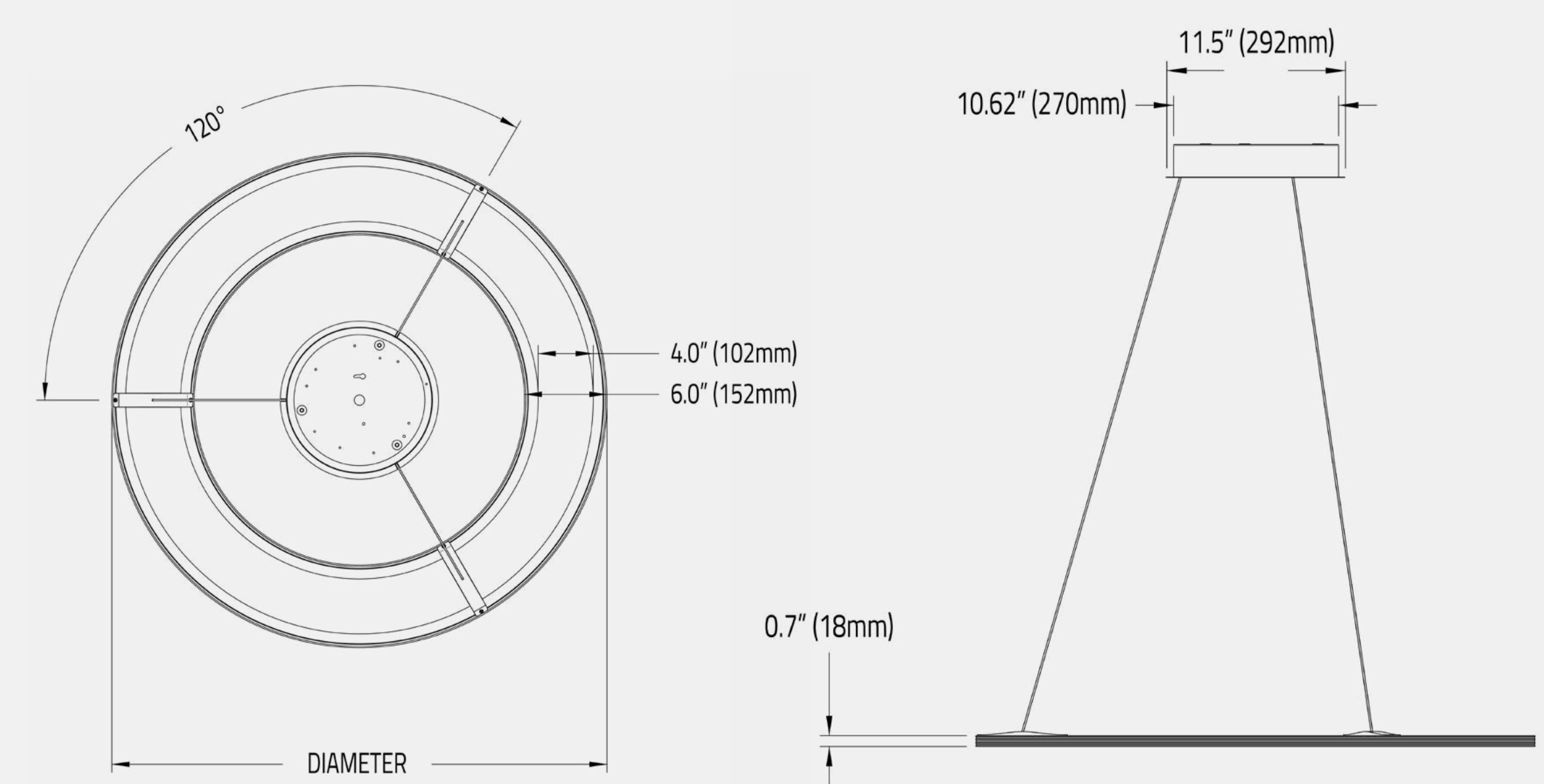
# FINISHES

- 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





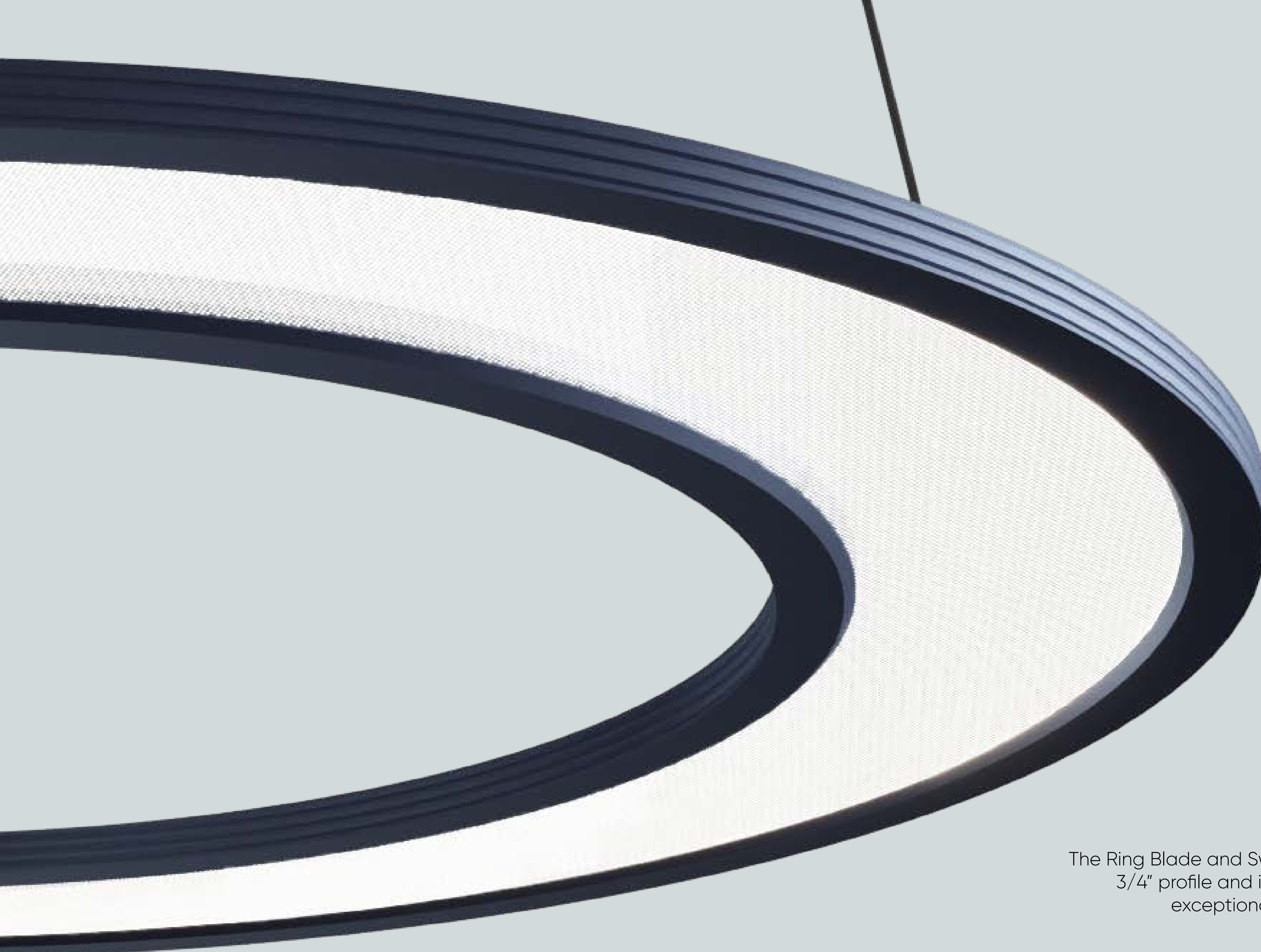
# DIMENSIONS



Nominal/Actual Diameter	Ring Blade	Switch Blade 2	Switch Blade 3
3ft	36" [914mm]	38" [965mm]	38" [953mm]
4ft	48" [1219mm]	50" [1270mm]	50" [1257mm]
5ft	60" [1524mm]	62" [1575mm]	62" [1562mm]
6ft	72" [1829mm]	74" [1880mm]	74" [1867mm]





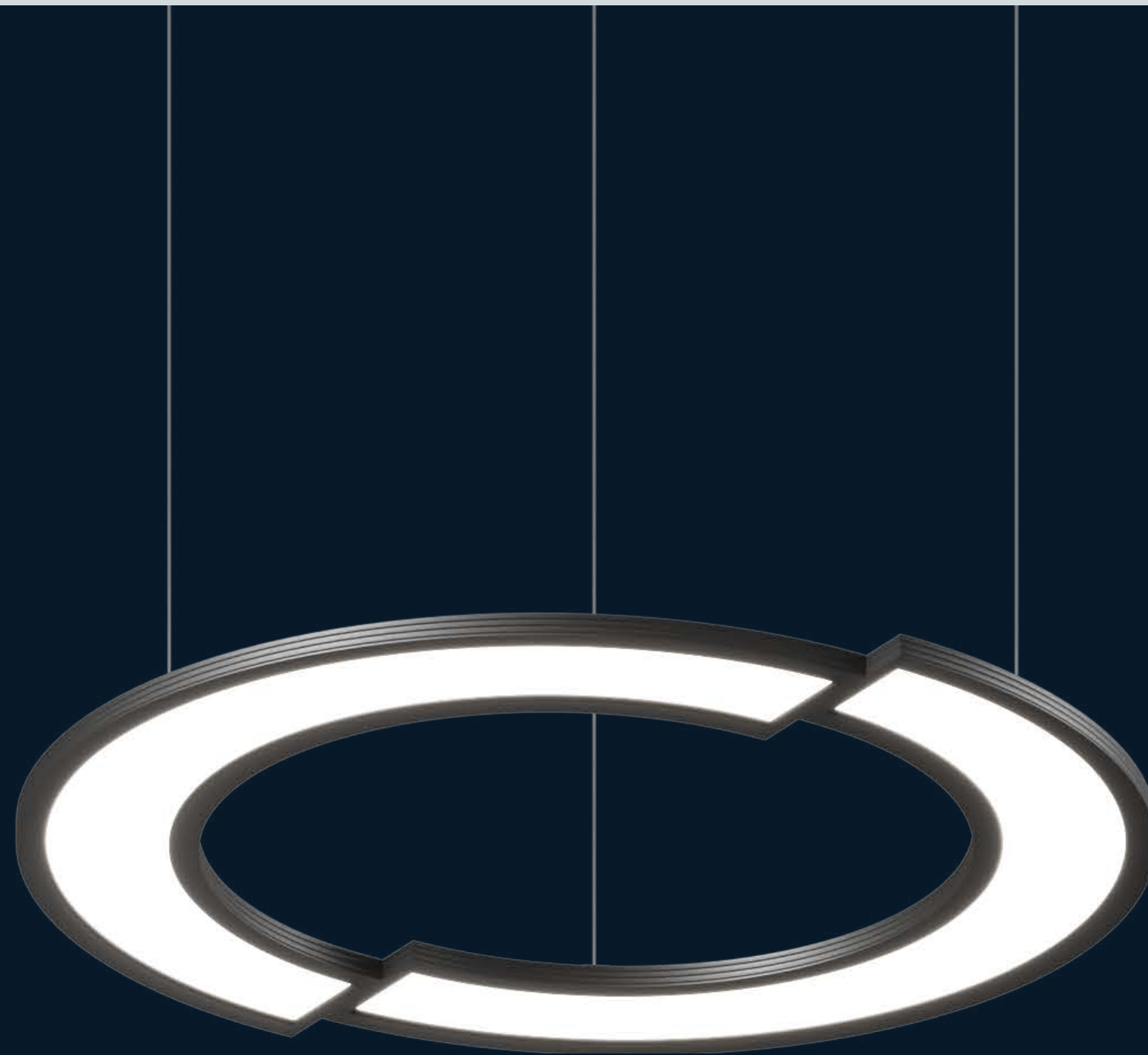


#### Revolutionizing the Ring

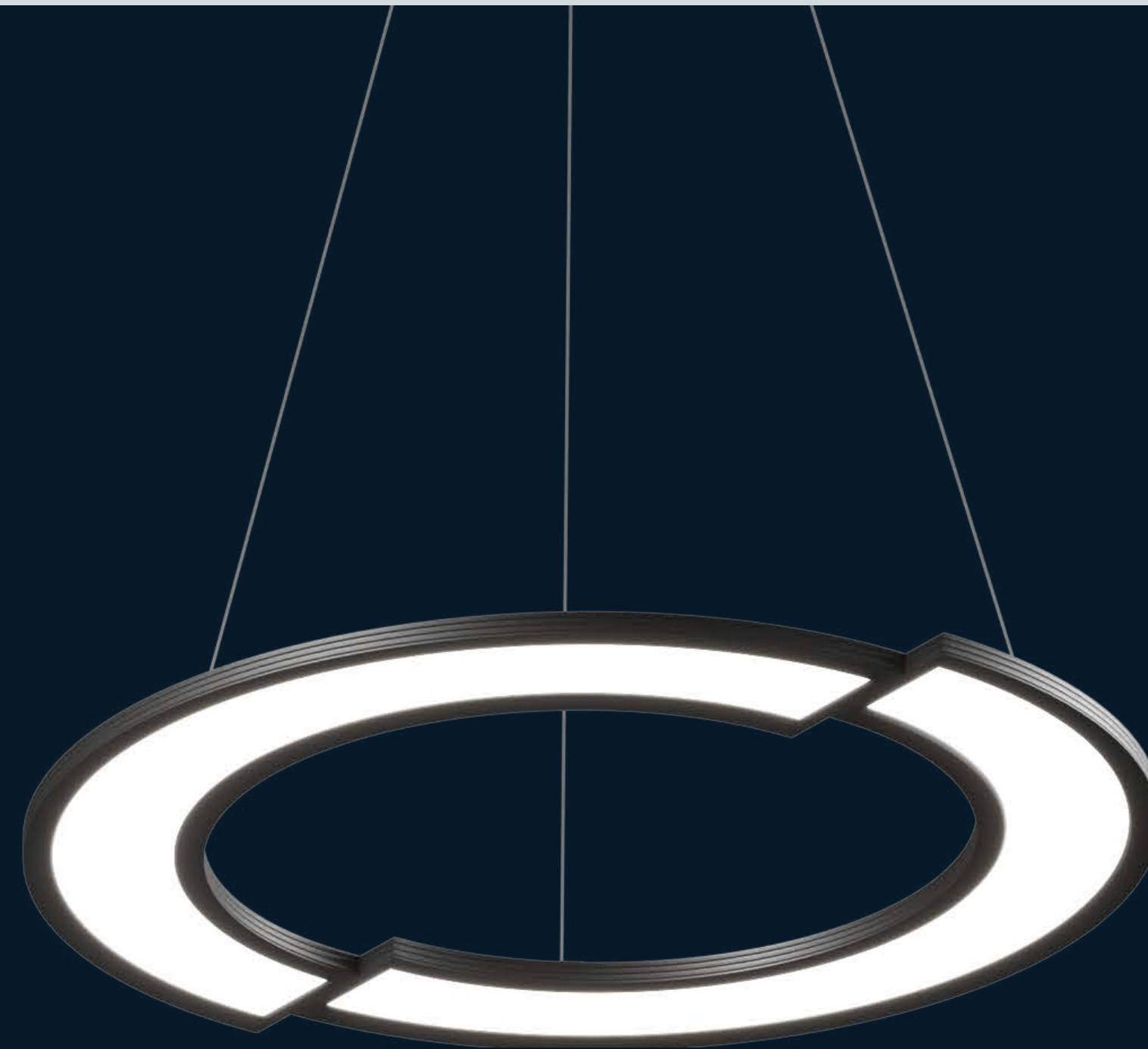
The Ring Blade and Switch Blade reimagine the classic ring with a slender 3/4" profile and impressive 113 LPW, harmonizing sleek geometry with exceptional light output for a modern architectural statement.



# SUSPENSION SYSTEMS



VERTICAL



HUB



# SWITCH BLADE 3

Punctuate your space with a bold statement. The Blade series offers a futuristic contrast to organic lines and textures, providing an ambient light that is both functional and aesthetically captivating. The pendants appear to float, an illusion crafted by their precise placement and minimalist design, enhancing the room's sophisticated air.











# RING DISC

Ring Disc provides soft, low glare illumination that enhances both comfort and focus. With its sleek, minimalist form, this fixture blends effortlessly into professional environments, delivering balanced lighting for productive and collaborative workspaces. Its low-profile design allows it to complement a variety of architectural styles, while it's even light distribution reduces eye strain, ensuring a comfortable and inviting atmosphere for meetings and team collaboration.



The Ring Disc offers a modern interpretation of sleek geometry, delivering an efficient 105 LPW with exceptional light output. This versatile fixture makes a bold architectural statement in any space.







With its ultra-slim profile and pendant mounting, the Ring Disc brings a touch of modern sophistication to any space. Its clean lines and radiant glow make it the perfect centerpiece for open environments, offering both style and high-performance illumination



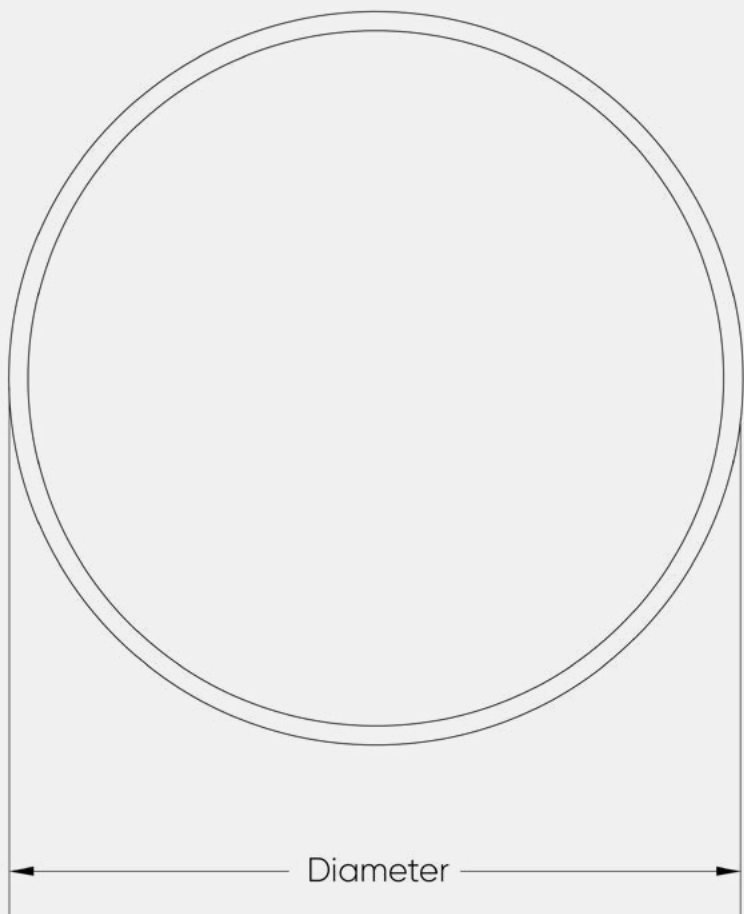
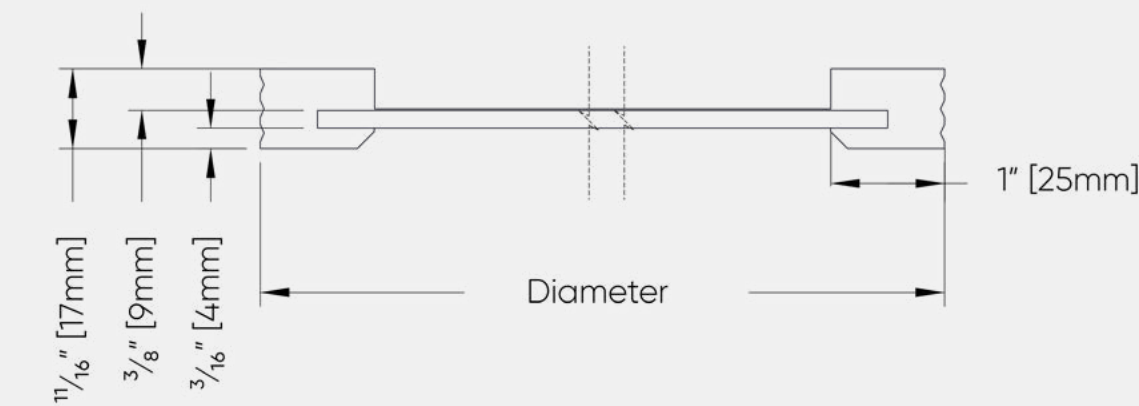


Designed for both comfort and style, the Ring Disc provides soft, even lighting that complements a wide range of interiors. When paired with circular acoustic panels, it offers a complete solution, balancing aesthetics, acoustics, and lighting for a cohesive, functional space.



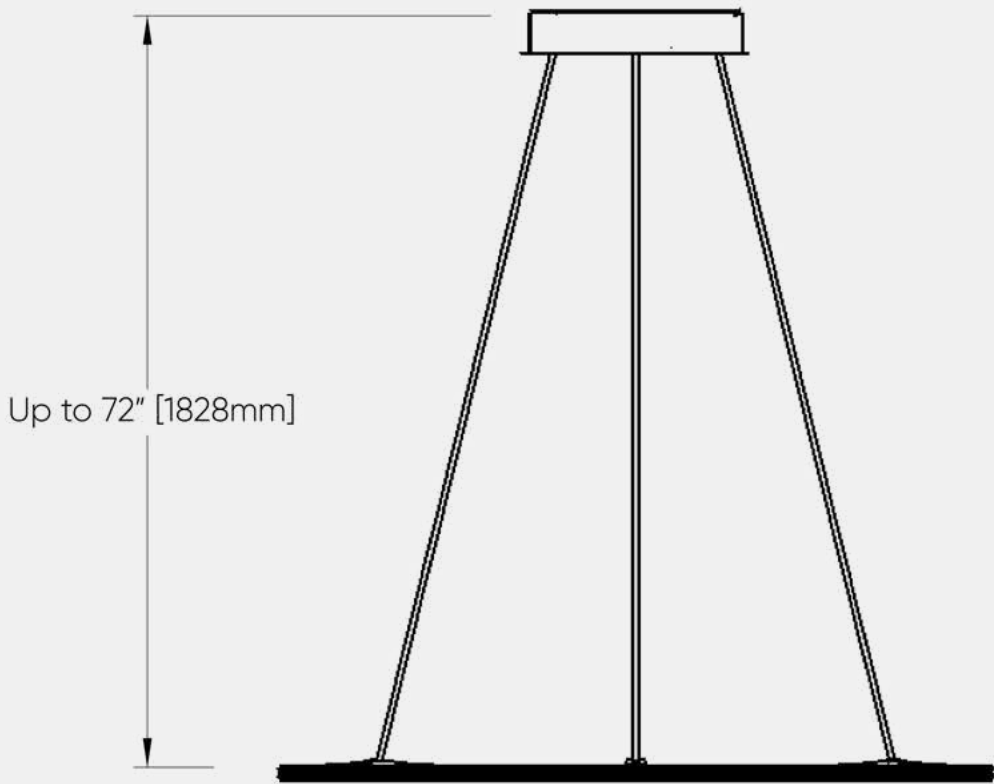
# DIMENSIONS

CROSS SECTION

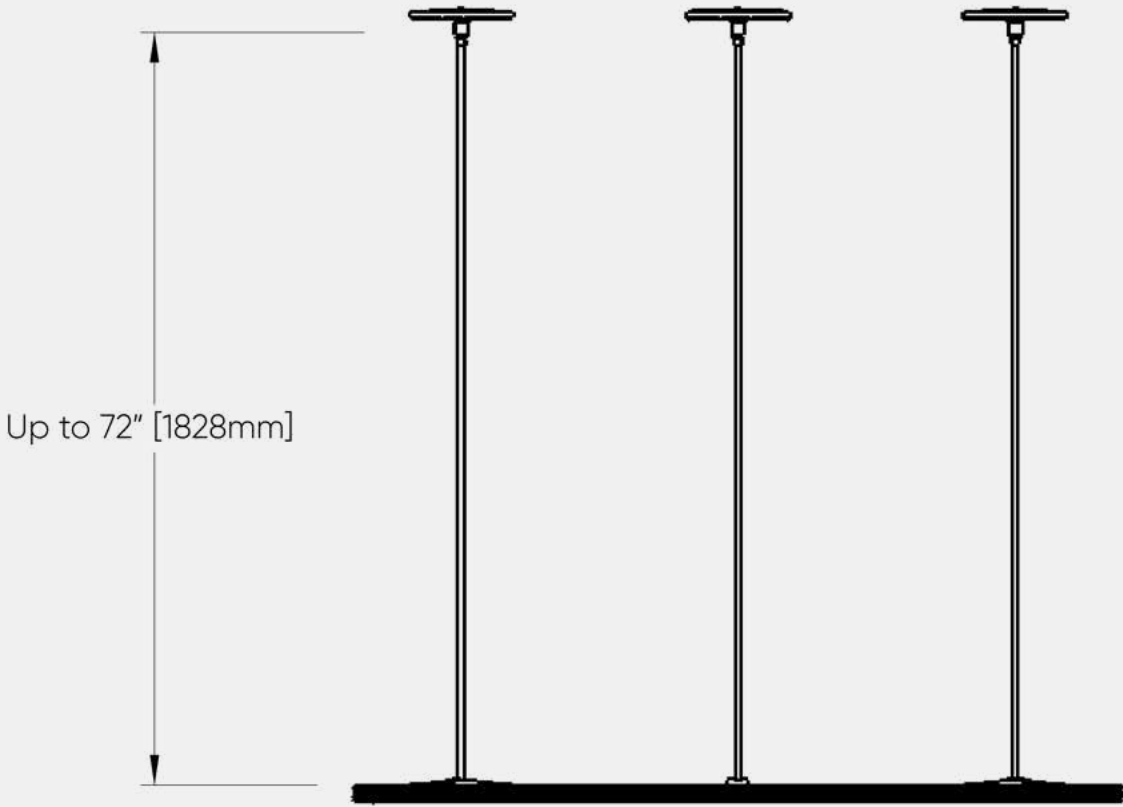


Diameter	Minimum Suspension Height
3' [914mm]	15" [381mm]
4' [1219mm]	20" [508mm]

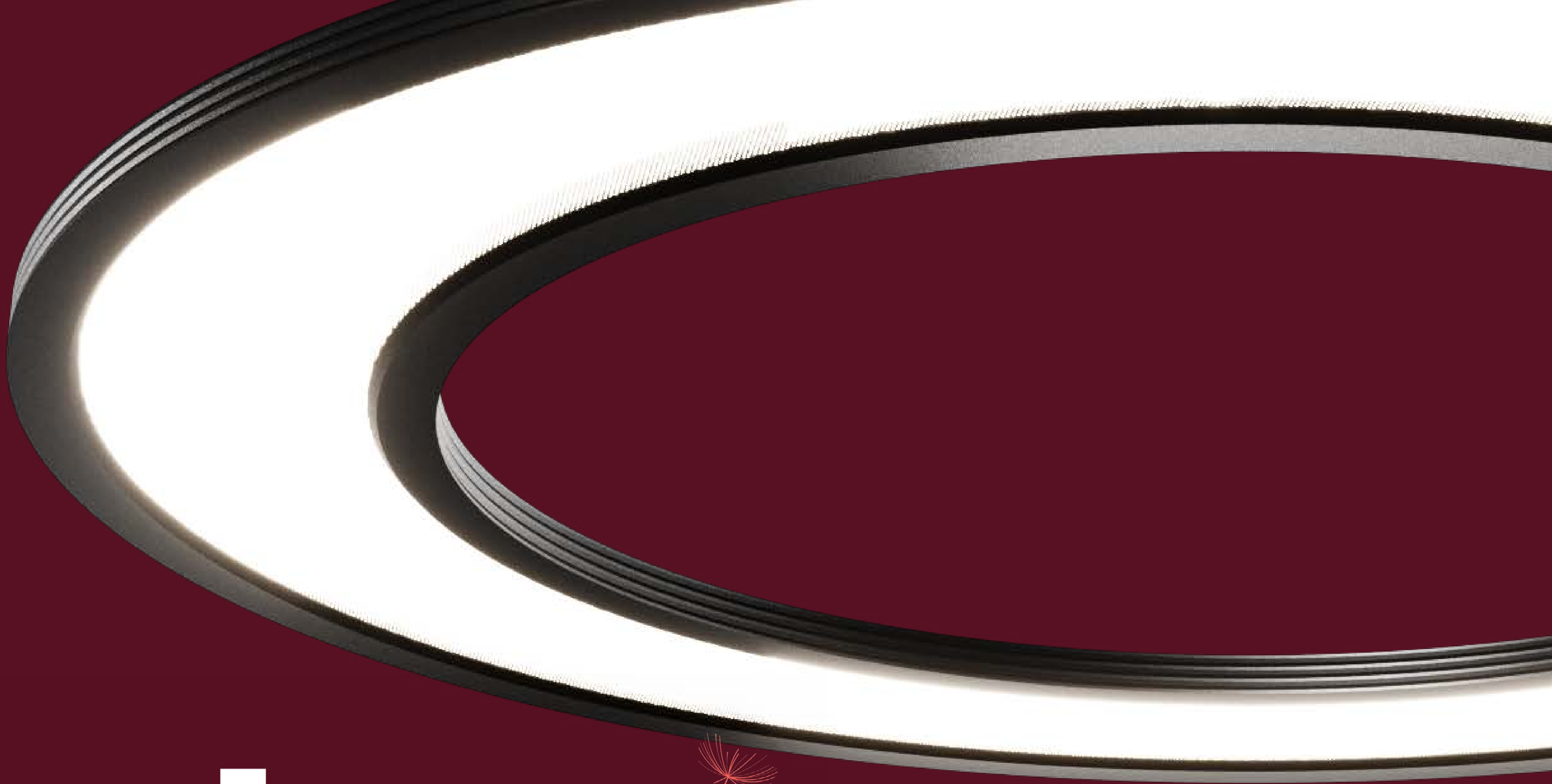
Distance to ceiling  
Hub Mount



Distance to ceiling  
Vertical Mount







**Declare.**<sup>®</sup>





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:

- |  |                             |
|--|-----------------------------|
| <input type="checkbox"/> LBC Red List Free     | % Disclosed: 100% at 100ppm |
| <input type="checkbox"/> LBC Red List Approved | VOC Content: Not Applicable |
| <input checked="" type="checkbox"/> Declared   |                             |

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

BET-0001  
EXP. 01 MAY 2024  
Original Issue Date: 2023

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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:

- |  |                             |
|--|-----------------------------|
| <input type="checkbox"/> LBC Red List Free     | % Disclosed: 100% at 100ppm |
| <input type="checkbox"/> LBC Red List Approved | VOC Content: Not Applicable |
| <input checked="" type="checkbox"/> Declared   |                             |

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

BET-0002  
EXP. 01 AUG 2024  
Original Issue Date: 2023

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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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