



RING BLADE

RING BLADE™
SWITCH™
RING DISC™

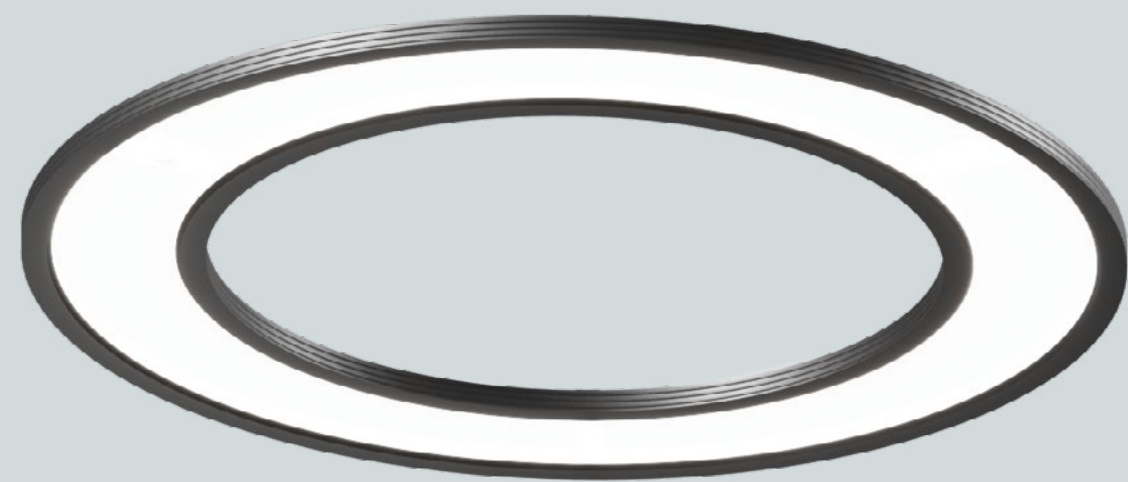
INTRODUCTION

RING BLADE™
SWITCH™
RING DISC™

The Ring 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, Ring Blade transforms spaces with bold luminosity and dynamic form, redefining the circle's role in the lexicon of modern design.



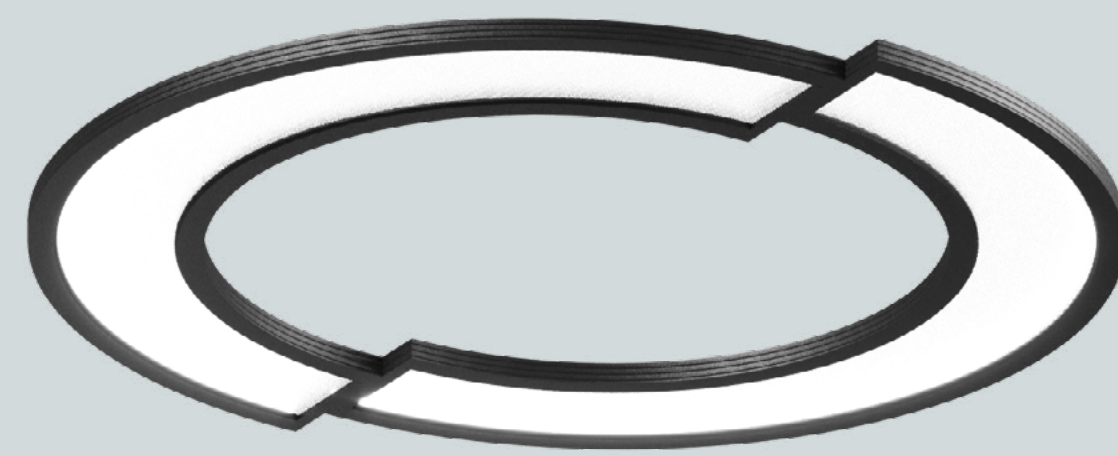
RING BLADE VARIANTS



RING BLADE

Pendant

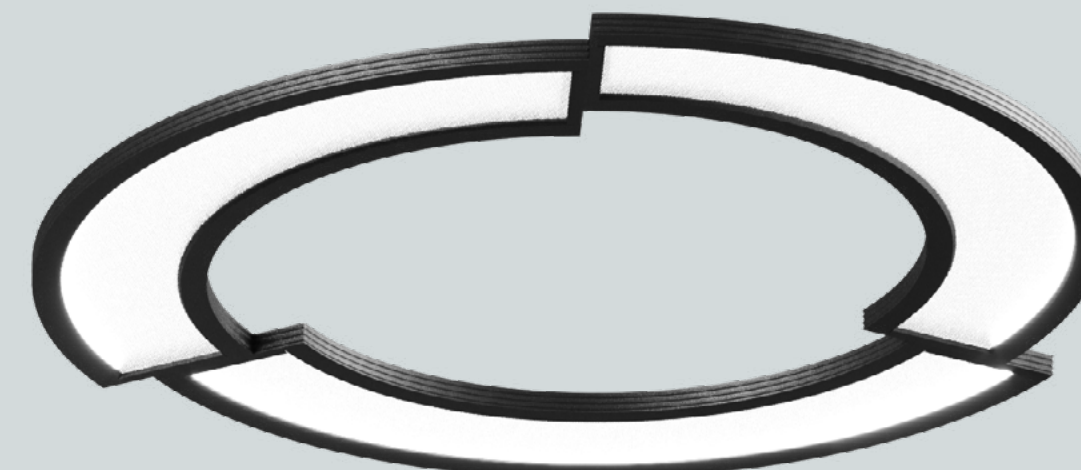
Ceiling Mount



SWITCH 2

Pendant

Ceiling Mount



SWITCH 3

Pendant

Ceiling Mount



RING DISC

Pendant

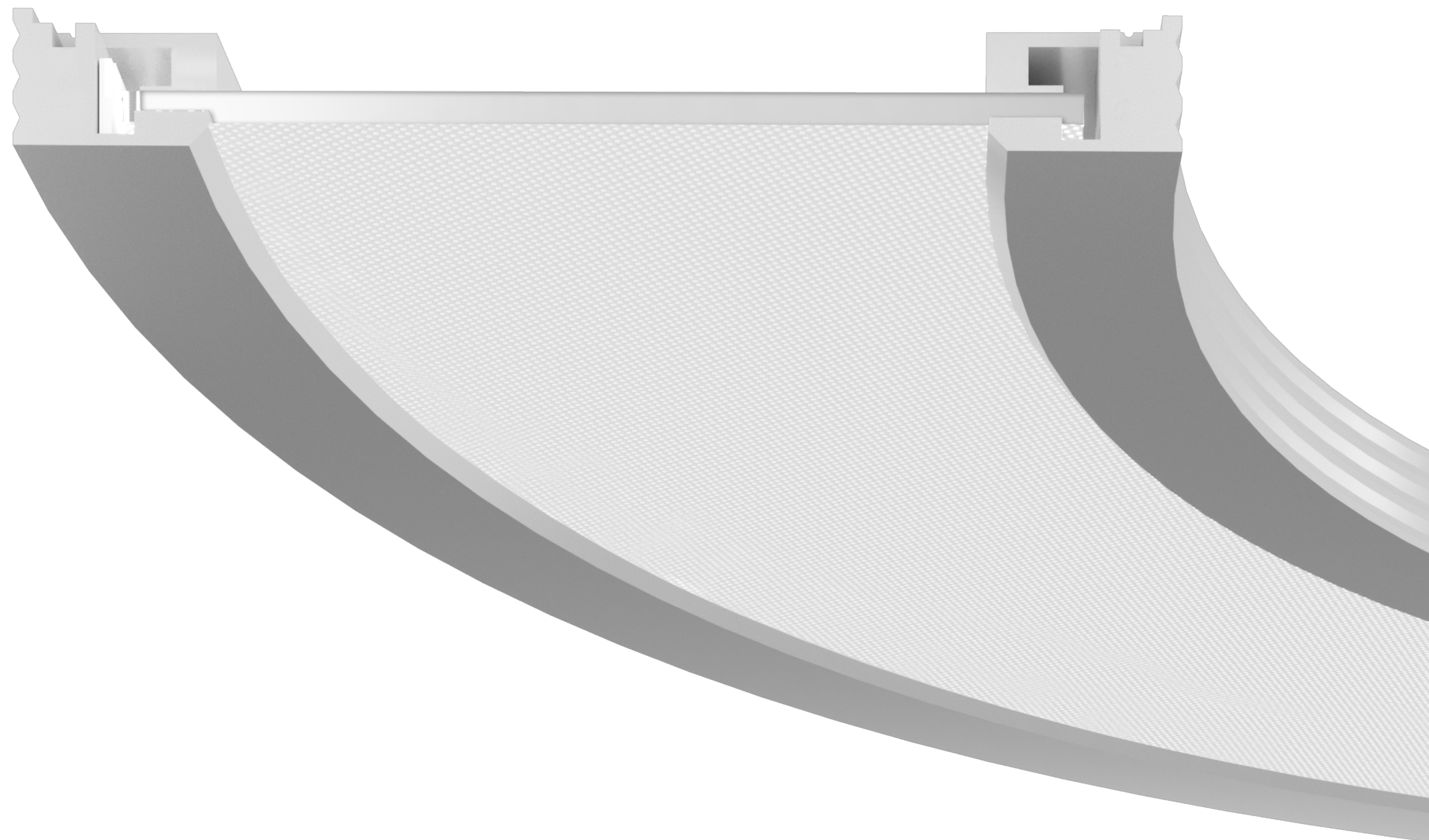
SUSPENDED

Light not just the room but the imagination of all who enter with the Ring 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

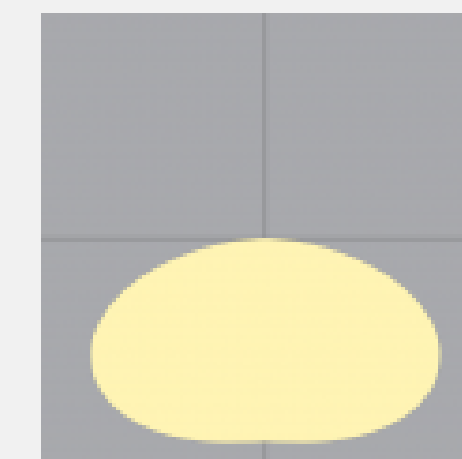
Design:

Mirko Rotondi (Switch)

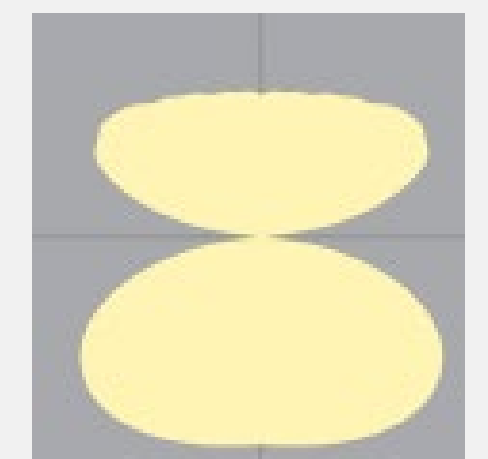
US Patent Pending



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.



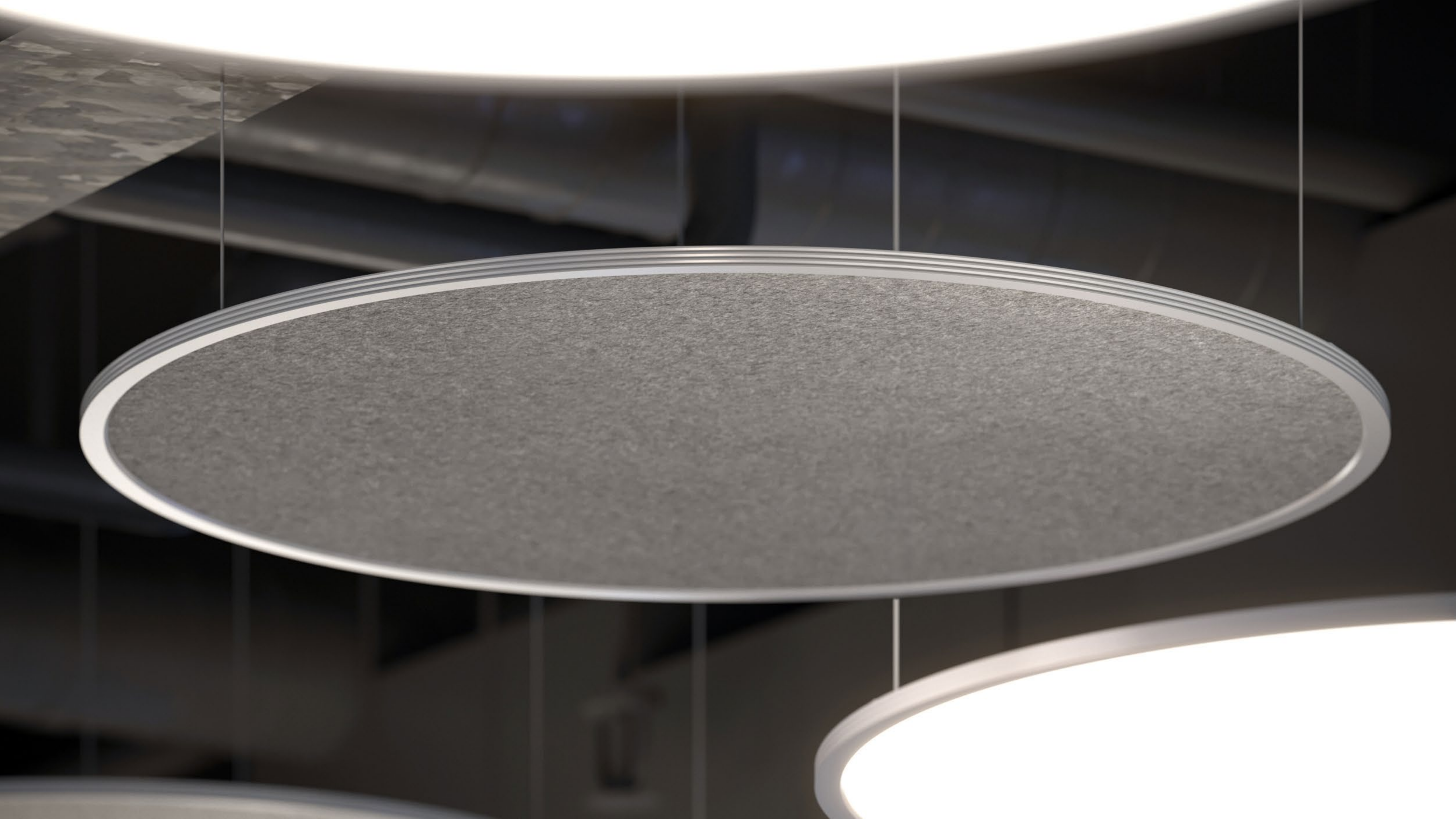
Ring Blade weaves slender lines and cutting-edge design into the symphony of form, material, and light. The circular beacons of innovation enrich the space with soft ambient light. Their trim form factor harmonizes with the bar's contemporary ethos, offering more than illumination – they create an atmosphere. 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 2

Suspended in harmony with historical elements, the Ring 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 Ring 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.

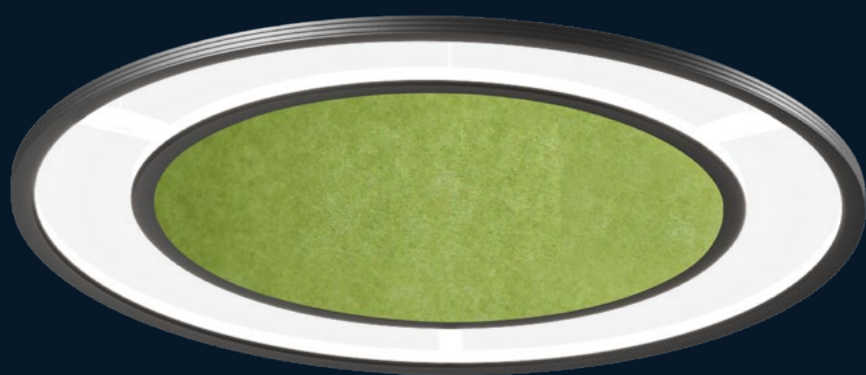




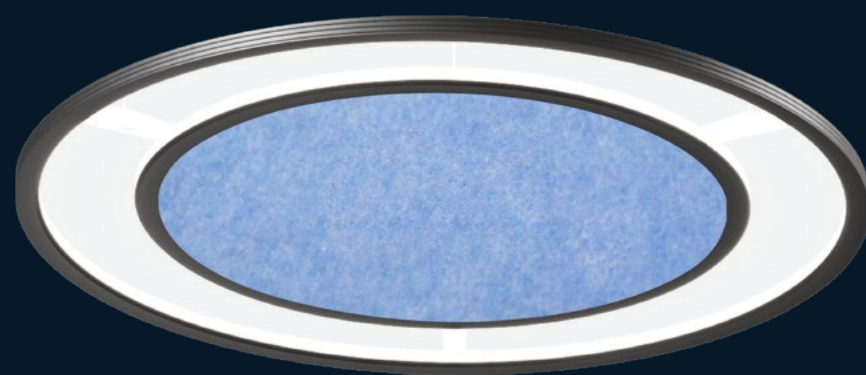
6 ACOUSTIC PANEL COLORS



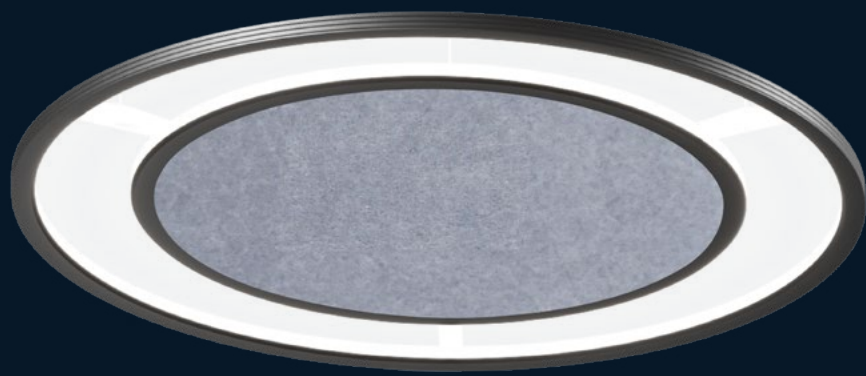
White



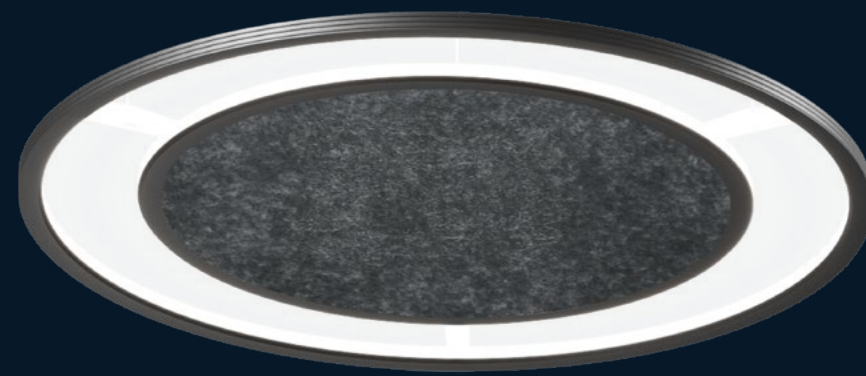
Apple Green



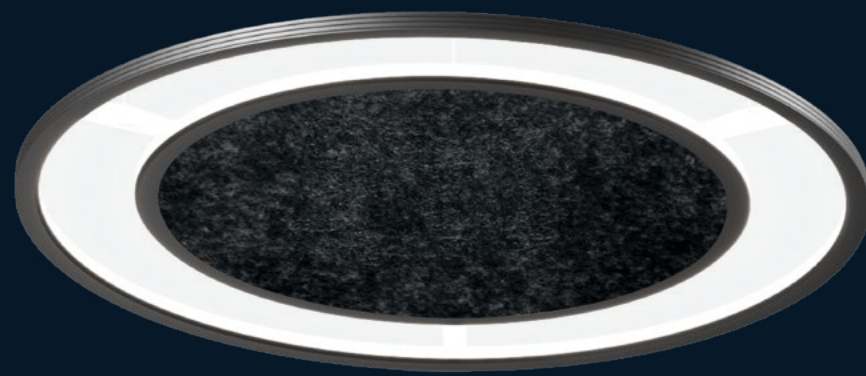
Blue



Light Gray

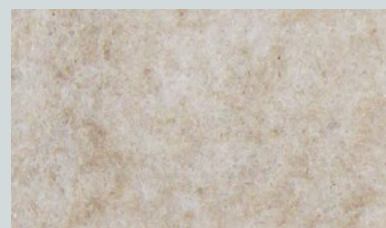


Sesame Gray

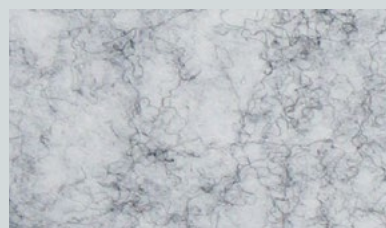


Black

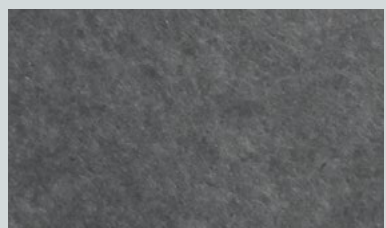
Custom options available to special order.



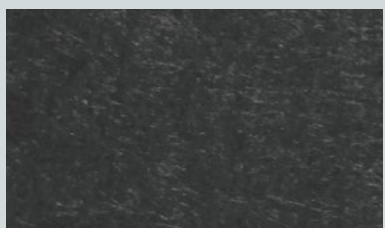
Light Camel



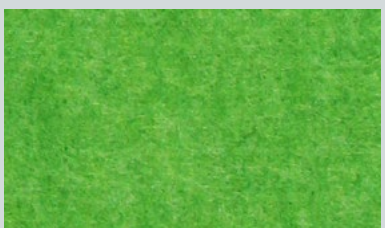
Silver Gray



Medium Gray



Gray



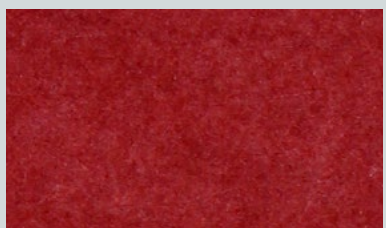
Bright Green



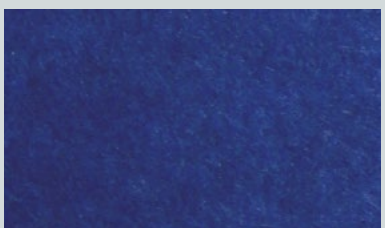
Yellow



Orange



Red



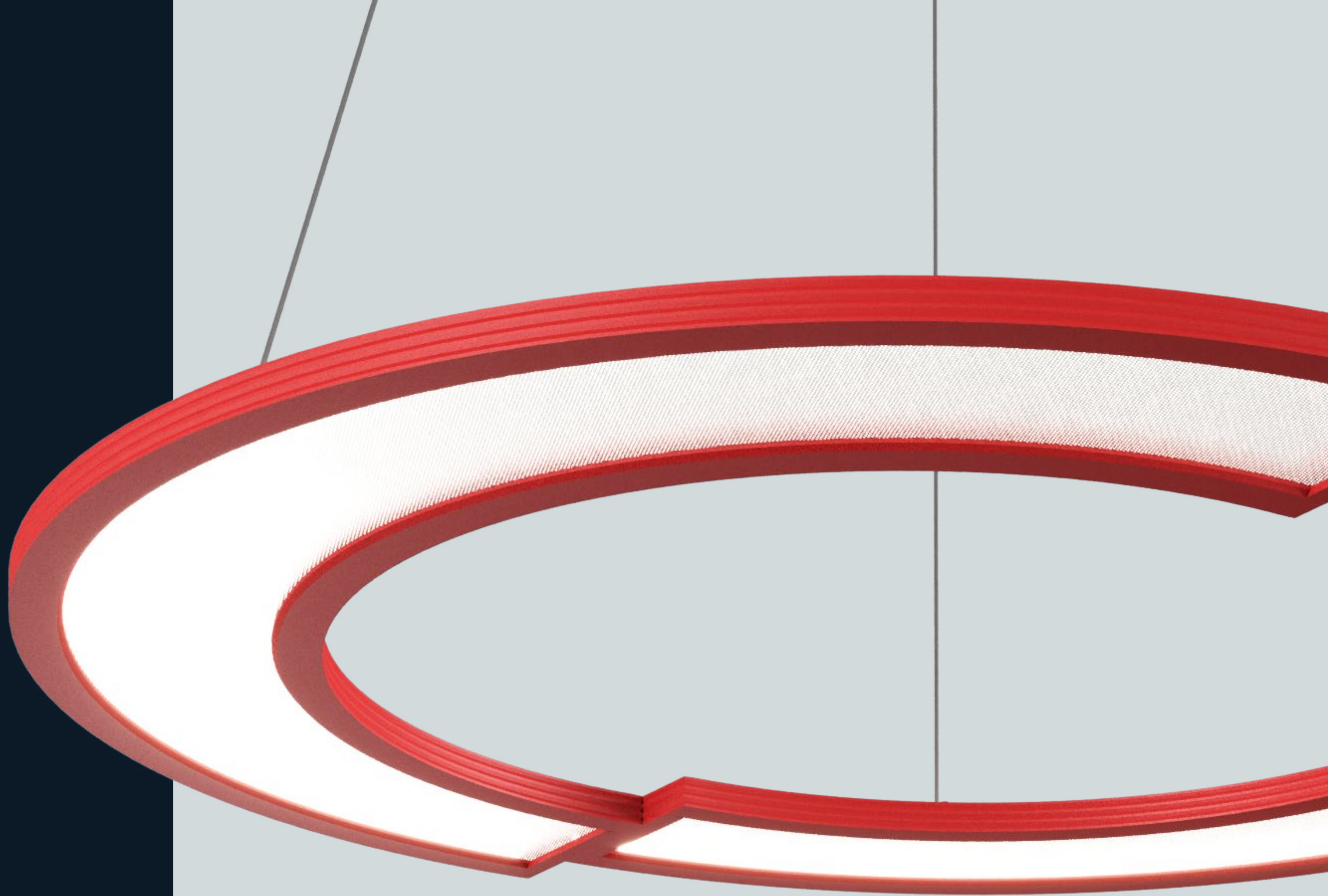
Deep Blue



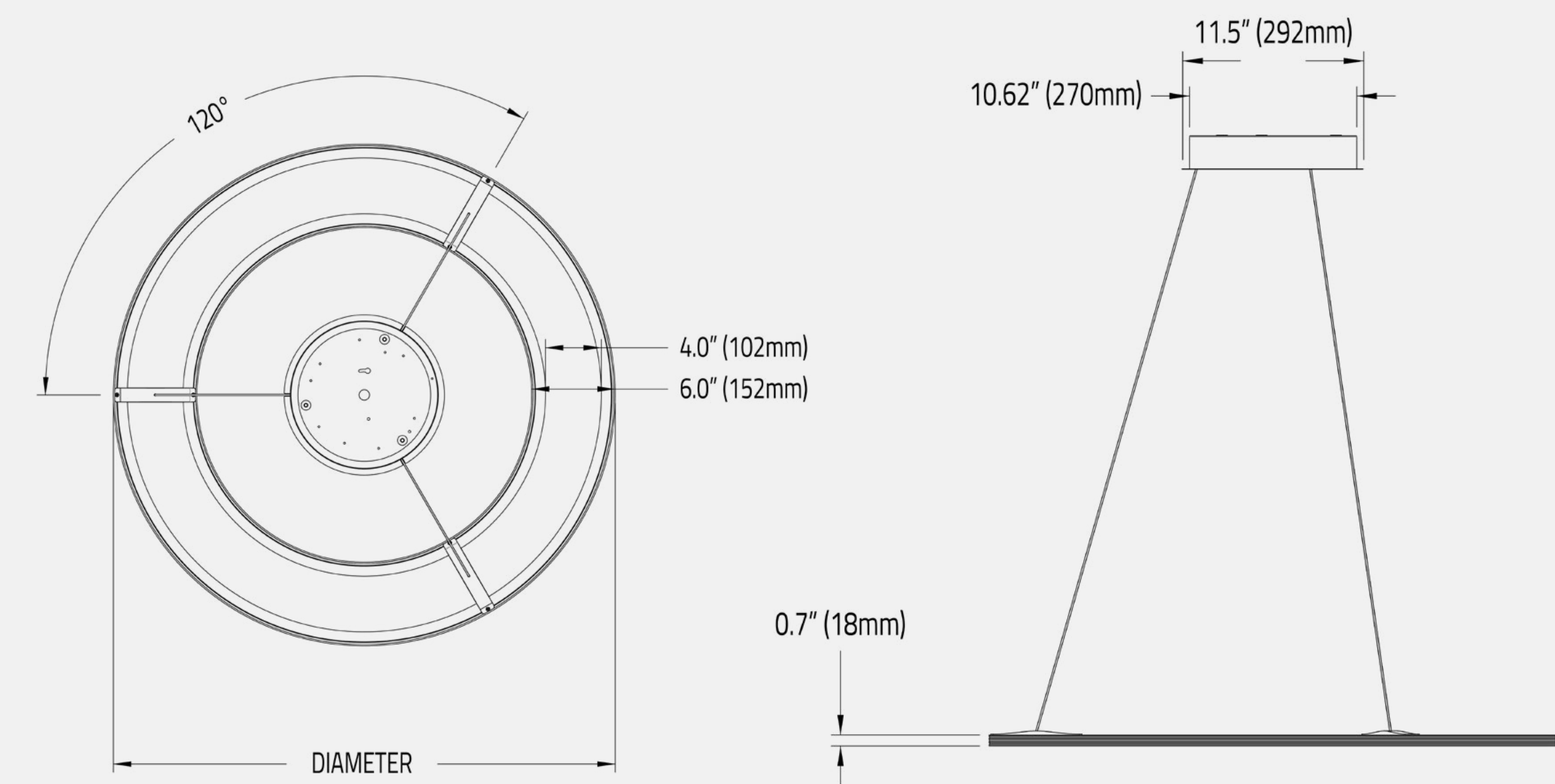
Violet

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

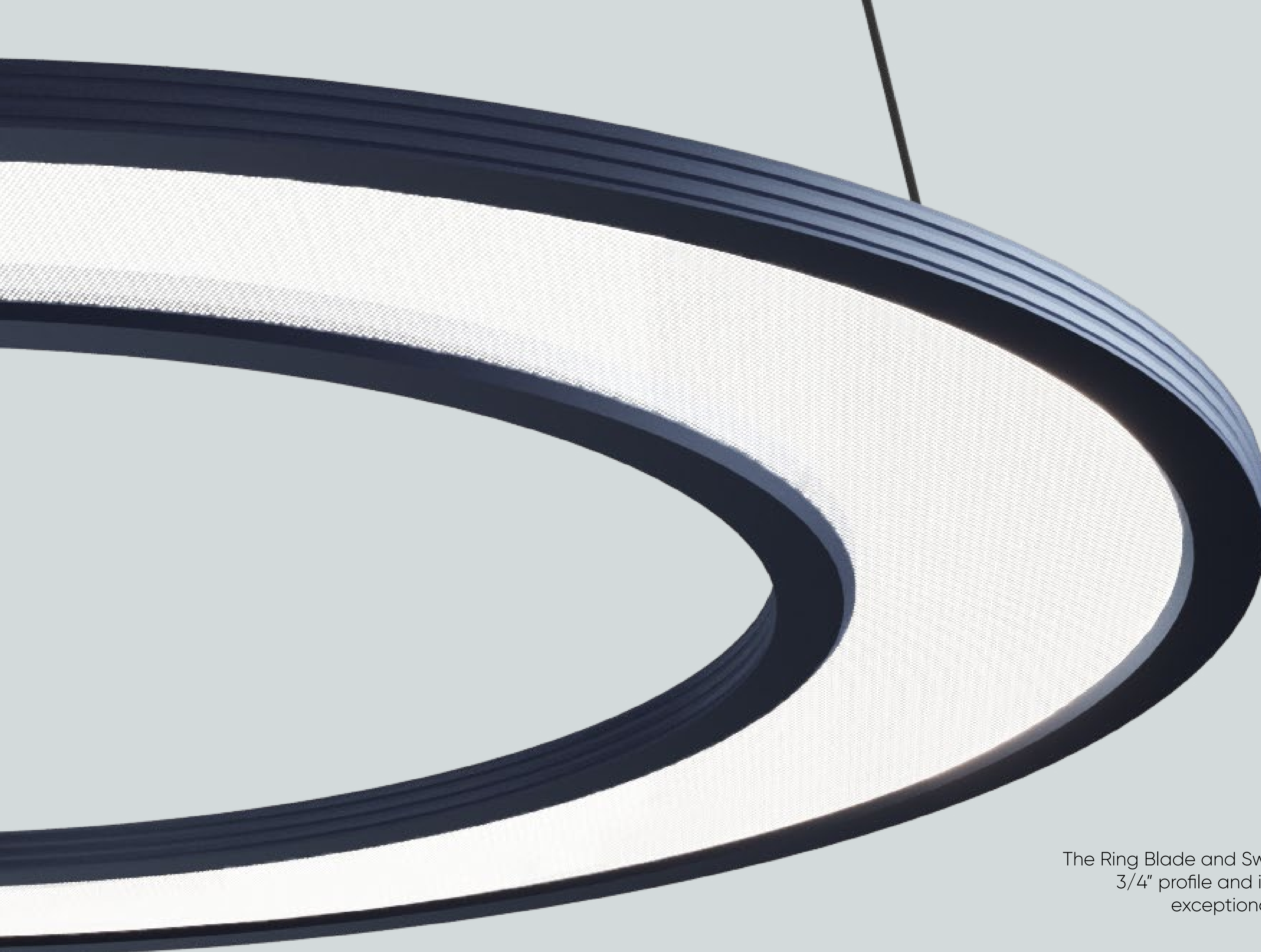


DIMENSIONS



Nominal/Actual Diameter	Ring Blade	Switch 2	Switch 3
3ft	36" [914.4mm]	38" [965.2mm]	37.5" [952.5mm]
4ft	48" [1219.2mm]	50" [1270mm]	49.5" [1257.3mm]
5ft	60" [1524mm]	62" [1574.8mm]	61.5" [1562.1mm]
6ft	72" [1828.8mm]	74" [1879.6mm]	73.5" [1866.9mm]
7ft		86" [2184.4mm]	85.5" [2171.7mm]

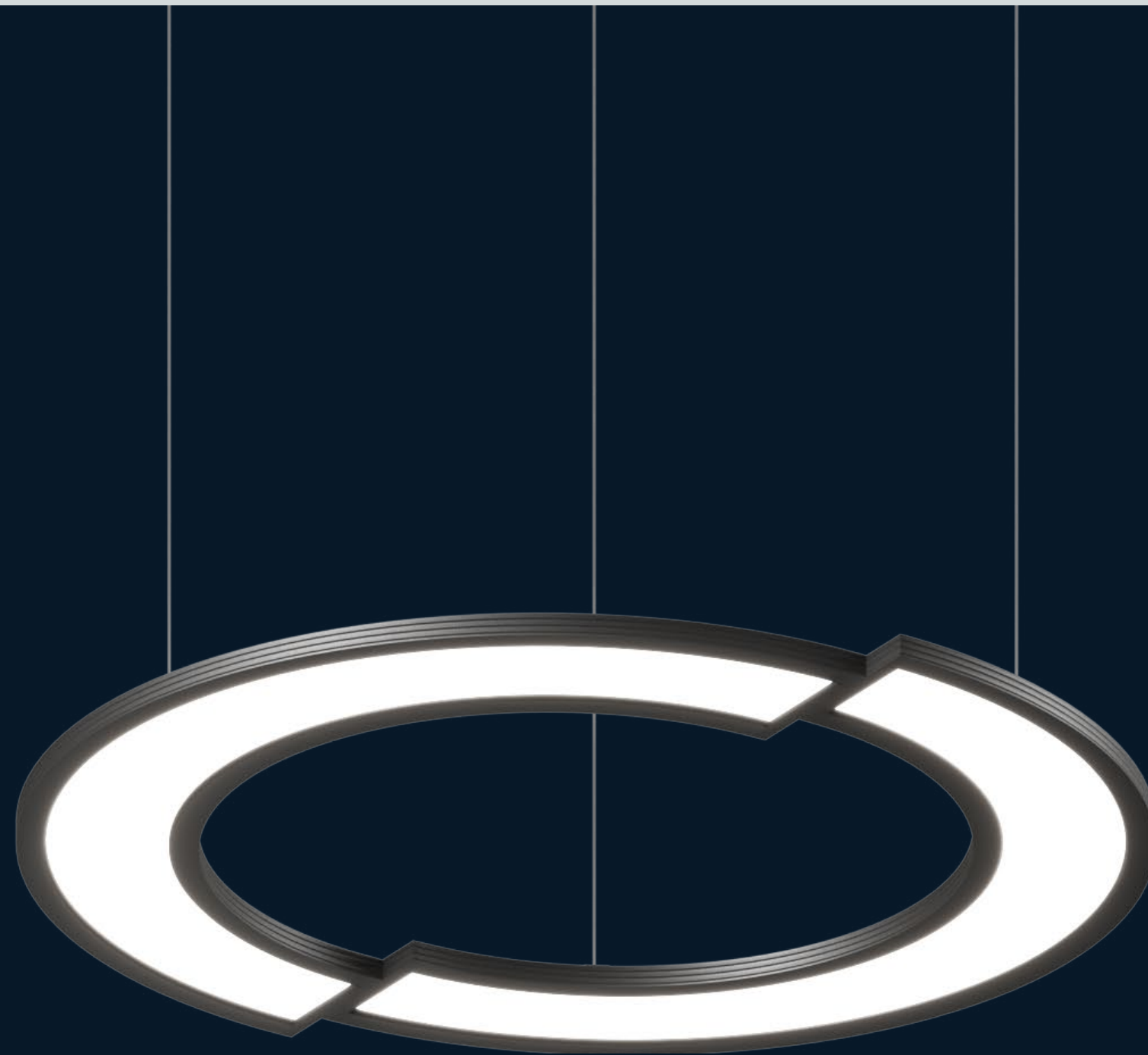




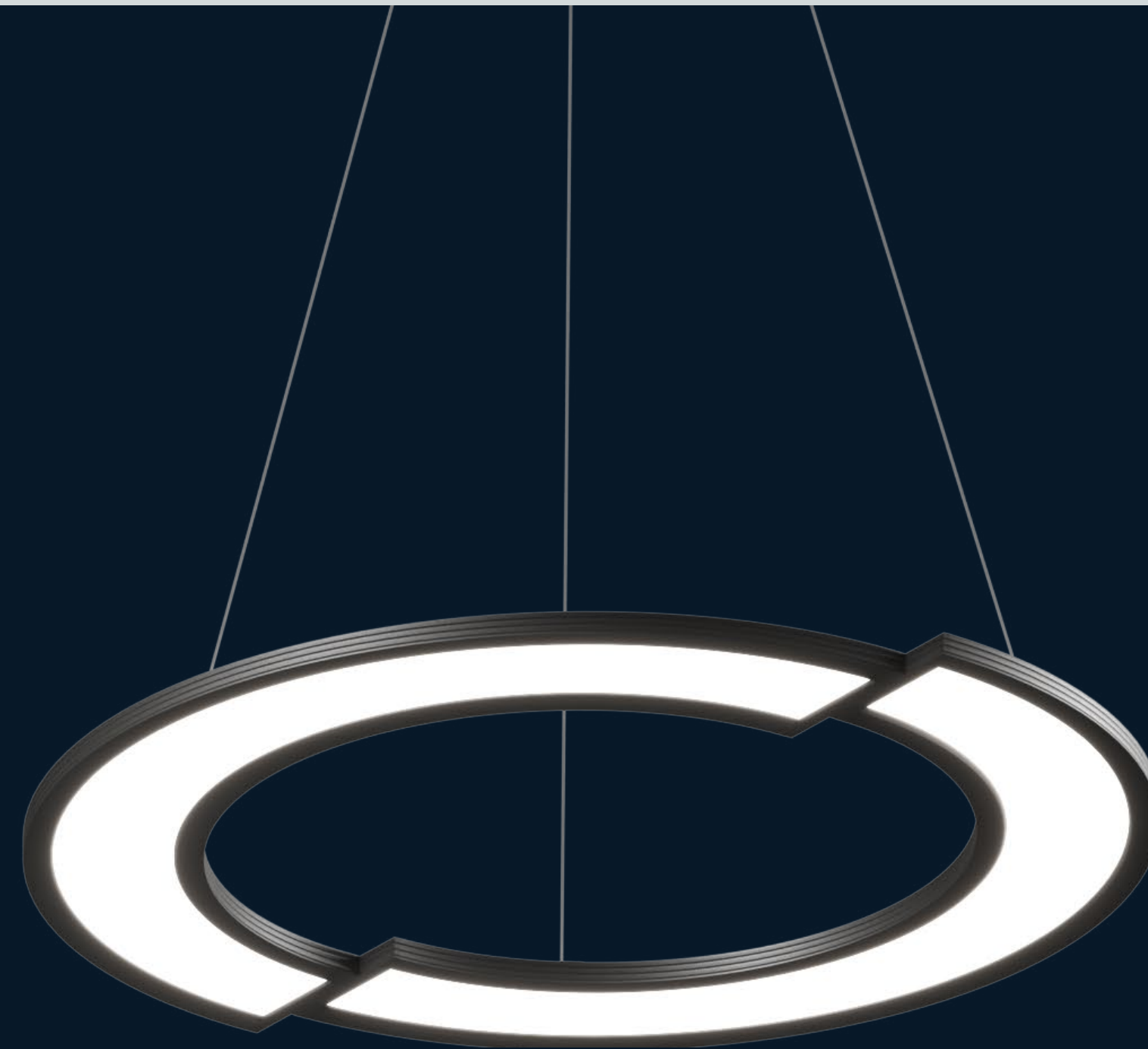
Revolutionizing the Ring

The Ring Blade and Switch series reimagines 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 3

Punctuate your space with a bold statement. The Ring 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.





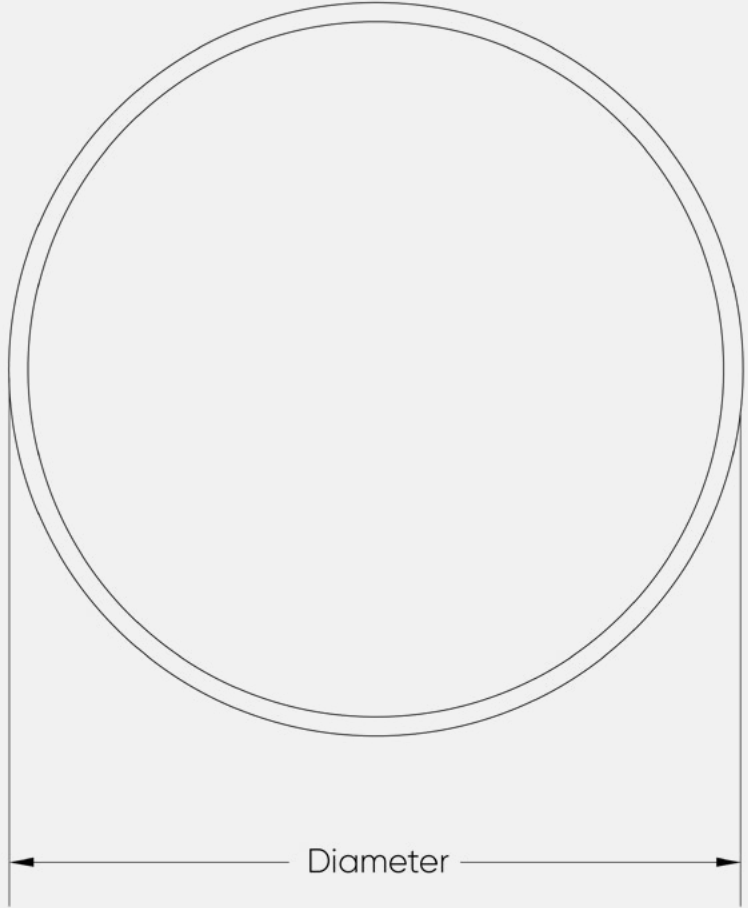
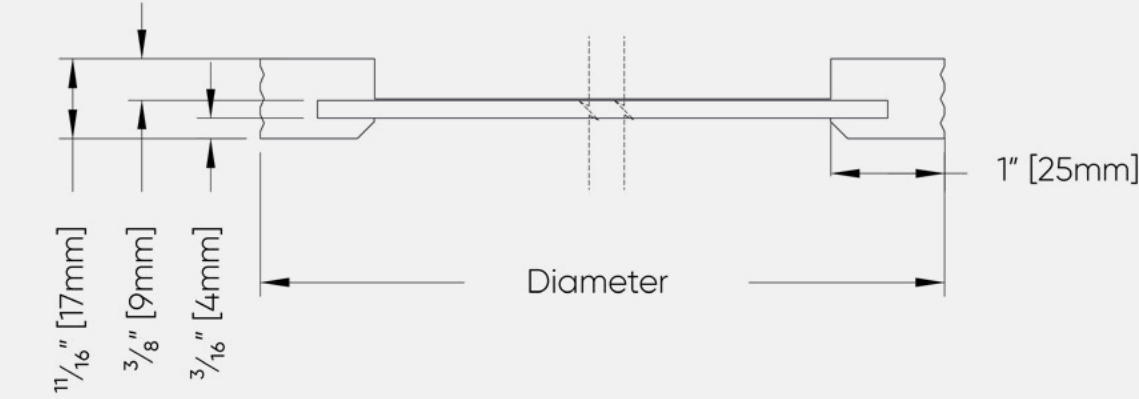
With its ultra-slim profile and pendant mounting, the Ring Disc brings a touch of modern sophistication to any space. Its clean lines and radiant glow make it the perfect centerpiece for open environments, offering both style and high-performance illumination



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.

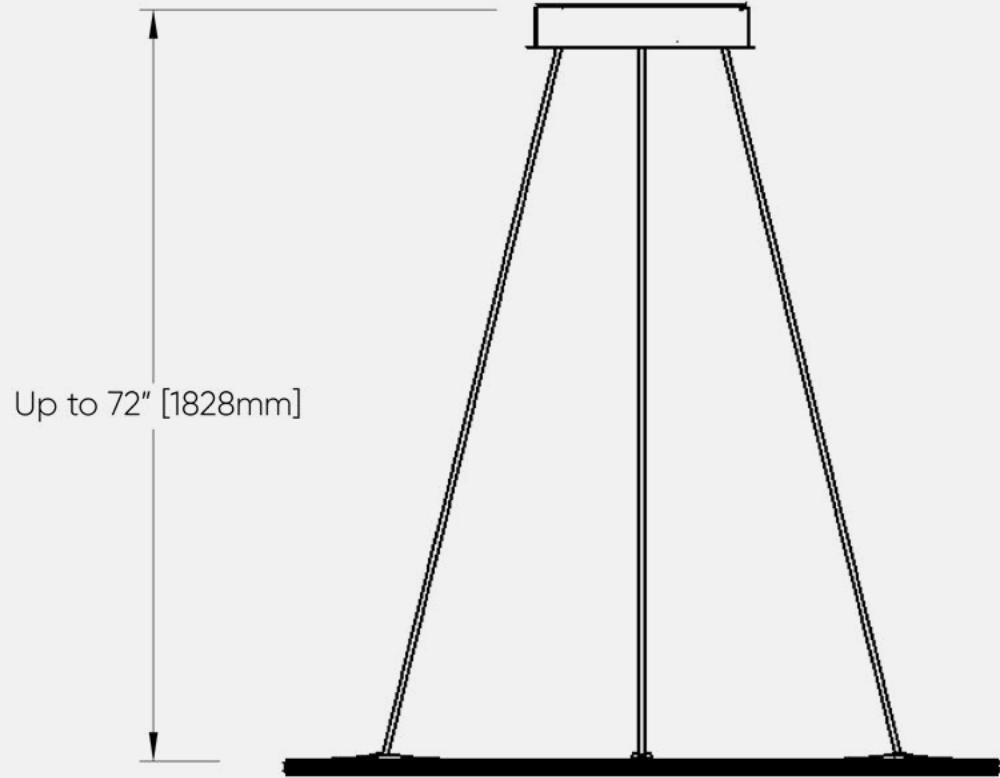
DIMENSIONS

CROSS SECTION



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

Distance to ceiling
Hub Mount



Distance to ceiling
Vertical Mount





CEILING

In the realm of architectural innovation, lighting is not just an afterthought; it's an integral element of design that can define a space. The Ring Blade series is a testament to this principle. With their narrow profile, these ceiling fixtures create the illusion of being recessed, offering a seamless integration with the ceiling, as though they are a natural extension of the architecture itself.



SWITCH 3

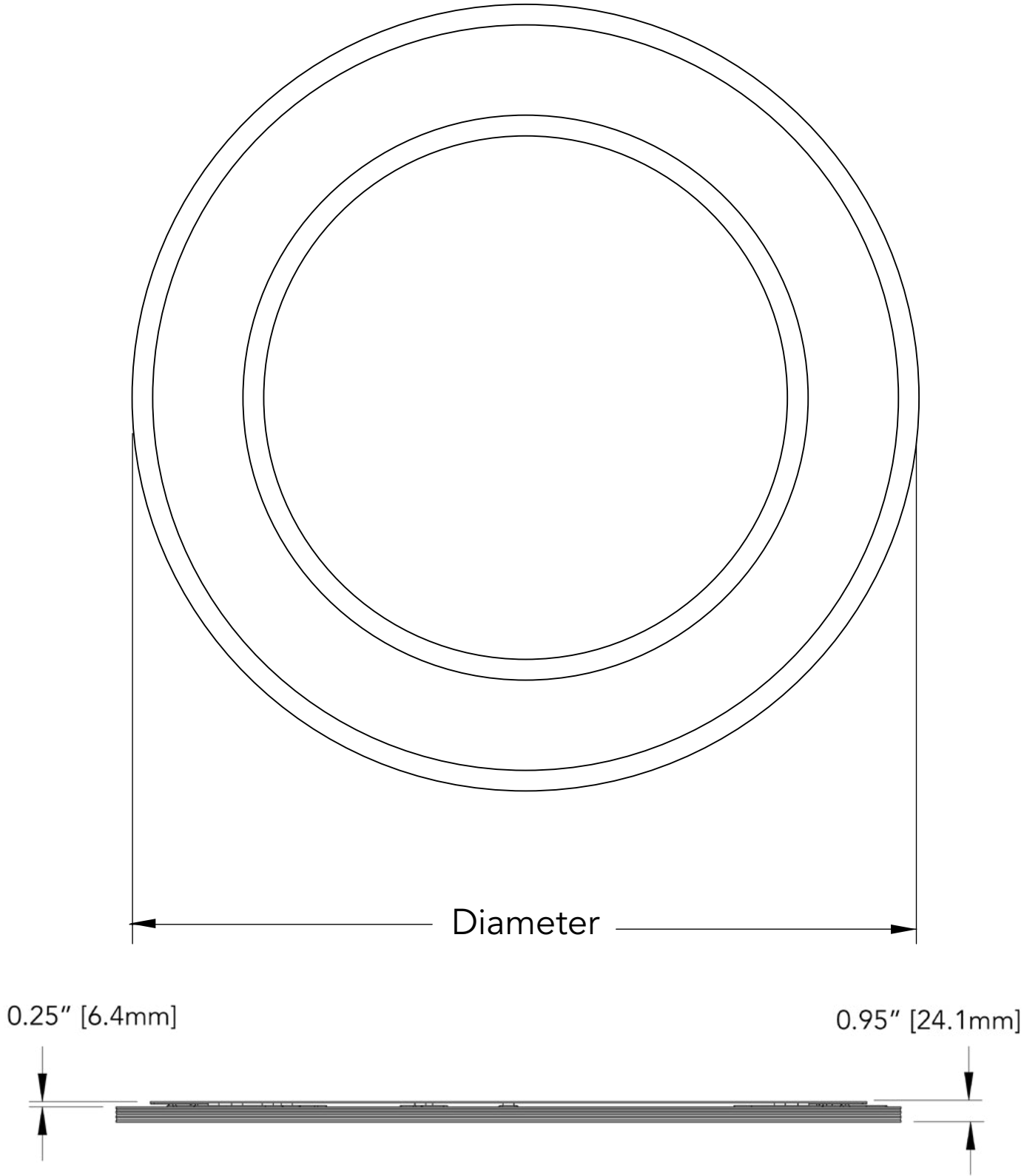
Switch 3 creates a sculptural dance that draws the eye upward. Its ethereal form is a deliberate counterbalance to straight lines and angles, offering an artistic interlude in the symphony of the workday. Its slender profile gives a subtle nod to the avant-garde and challenges the conventions of traditional office lighting. Each Ring Blade surface luminaire is an ode to functional beauty that inspires and turns everyday tasks into experiences enriched by design.



MAGNETIC SIMPLICITY

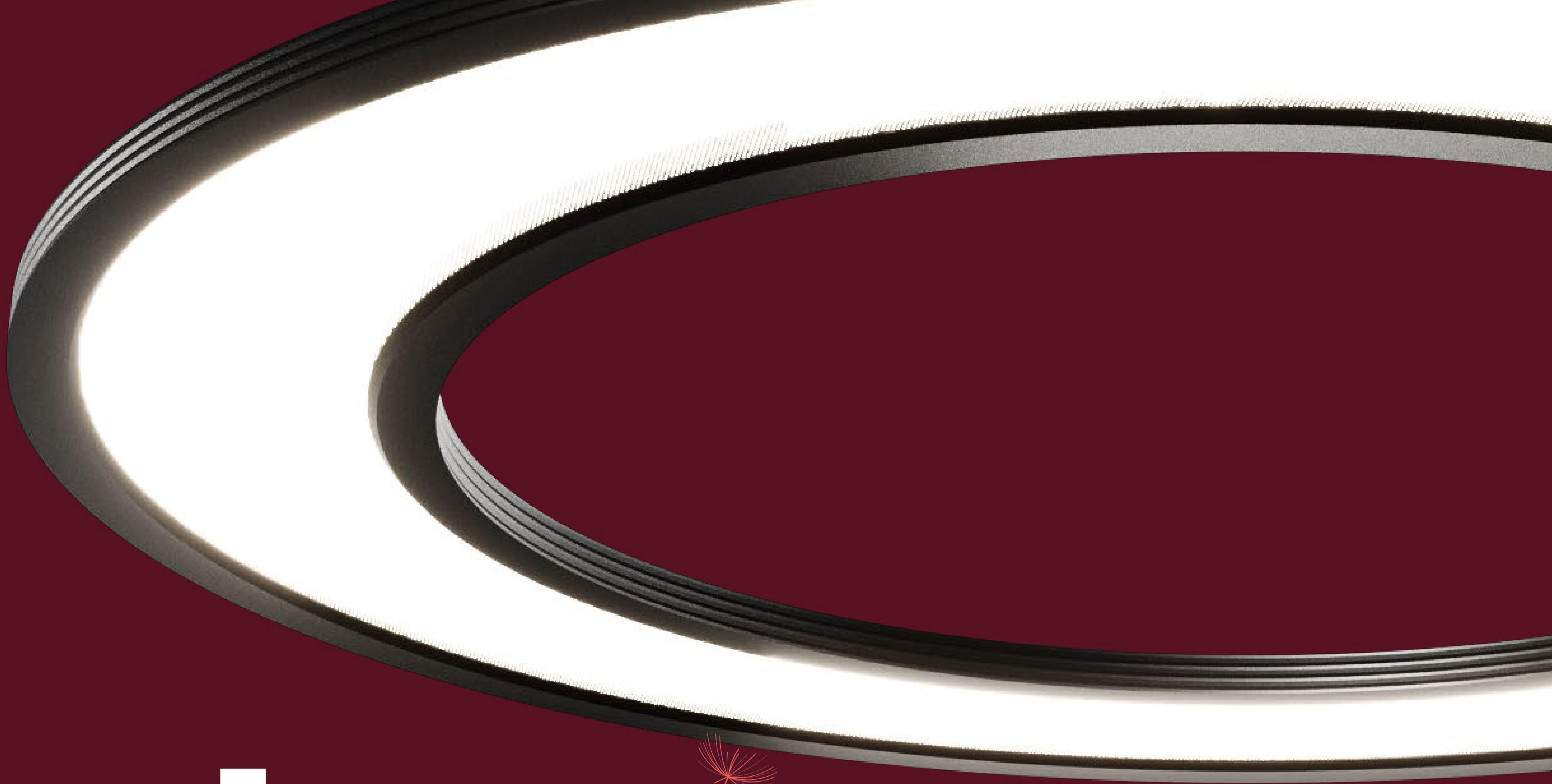
Engineered for simplicity and security, Ring Blade's innovative magnetic mounting system on the ceiling luminaire ensures perfect alignment and a secure attachment. Simply affix the mounting plate, and the fixture snaps into place magnetically, eliminating the need for complex tools or procedures. It's a hassle-free setup designed to streamline the installation process.

DIMENSIONS



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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 Compliant¹; 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

¹LBC 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
EXP. 01 MAY 2024
Original Issue Date: 2023

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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 Compliant¹; 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

¹LBC 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
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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sales@betacalco.com

