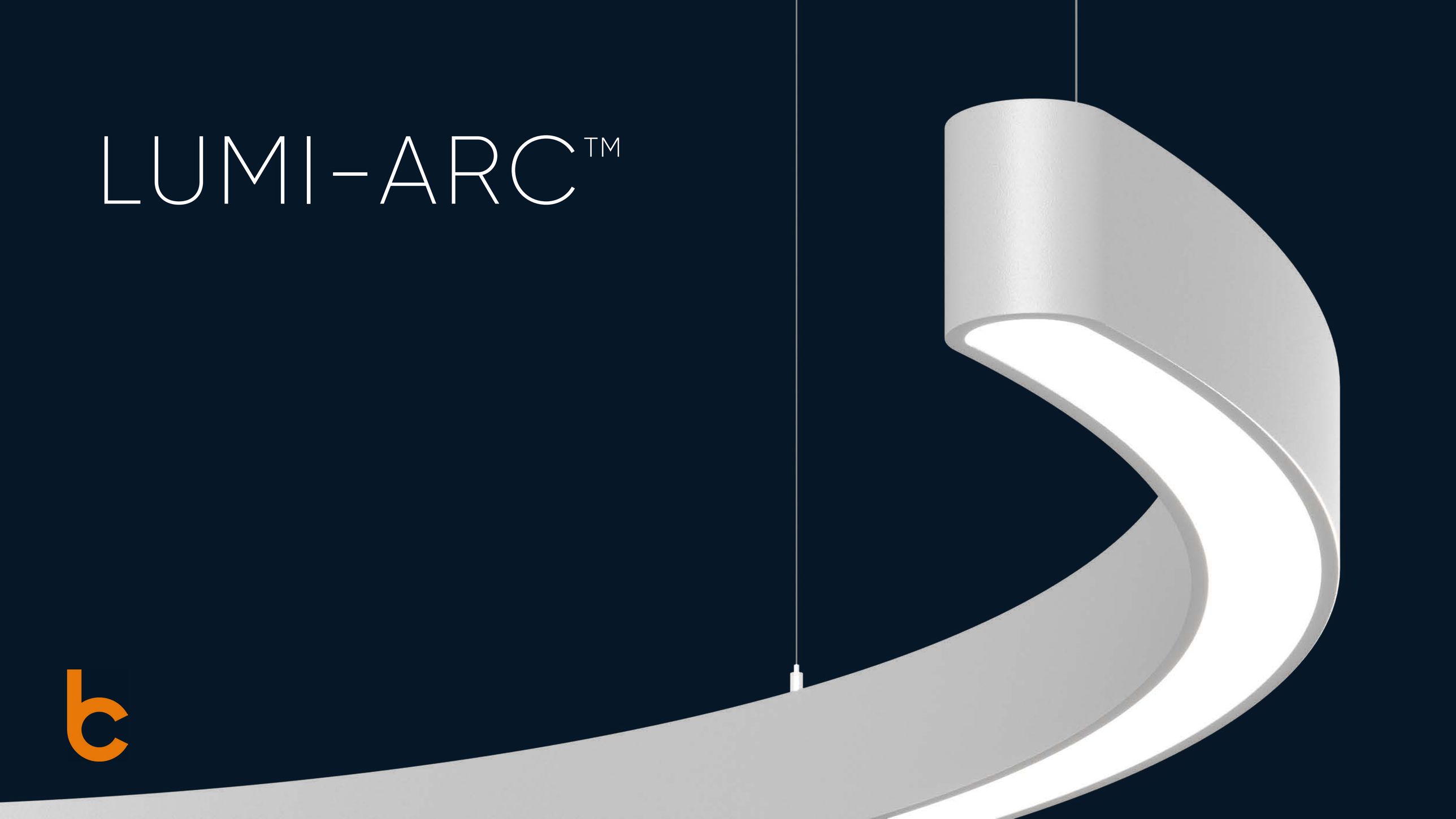
LUMI-ARC™



LUMI-ARC

INTRODUCTION

The luminous arc takes shape through graceful curvature, creating a sweeping band of light that defines space with sculptural elegance. Designed to merge architectural presence with refined illumination, LUMI-ARC transforms environments whether it serves as a dramatic focal point or complements existing design elements. The curved diffused lens provides uniform brightness along its elegant span, ensuring consistent illumination that follows the fixture's form. Available in multiple diameters, arc degrees, and customizable configurations, LUMI-ARC adapts to diverse spatial requirements, offering scalable solutions for upscale restaurants, hotel lobbies, corporate offices, boutique spaces, and more. Its presence moves beyond functional lighting to become an architectural feature that shapes the atmosphere and the experience.





FEATURES

MULTIPLE DIAMETER OPTIONS

Choose from diameters ranging from 2’ to 7’ to tailor your lighting design to the scale of the space. The LUMI-ARC series also allows you to specify the arc degree, which defines how much of a full circle the fixture forms. This flexibility lets designers create compositions that suit the proportions and flow of the surrounding architecture.

ROBUST FINISH OPTIONS

LUMI-ARC offers ten standard powder coated metallic finishes designed for maximum design versatility. Select from rich jewel tones, warm metals, or classic neutrals, each featuring a refined textured sheen that highlights the fixture’s form. These sophisticated finishes bring elegance to functional design, making LUMI-ARC adaptable to a wide range of interiors.

BESPOKE

Create a luminaire tailored to the space. Designers can specify multiple components including lumen package, color temperatures, open-standard control systems, and mounting methods to achieve a configuration that aligns with the needs of the project.

HIGH EFFICIENCY ILLUMINATION

Achieve efficient performance with up to 106 LPW for direct illumination and an exceptional 150 LPW for indirect. This strong efficacy supports bright, uniform lighting while lowering energy demand, providing both environmental and cost advantages for expansive spaces.



LUMI-ARC

LUMI-ARC's bold curvature blends precision engineering with sculptural form, delivering uniform illumination that anchors the design intent of any space and establishes visual rhythm.

SUSTAINABLE ILLUMINATION

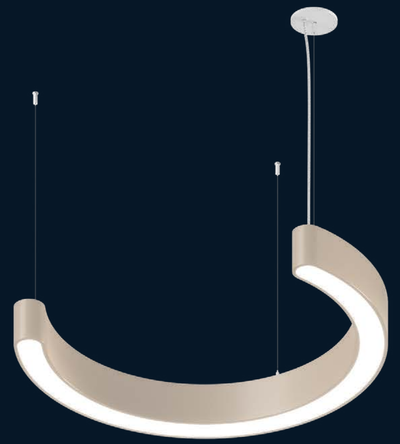
LUMI-ARC's high-efficacy design delivers 106 lumens per watt for direct light and an exceptional 150 lumens per watt for indirect light, providing balanced, energy-efficient illumination while maintaining a sleek architectural profile.



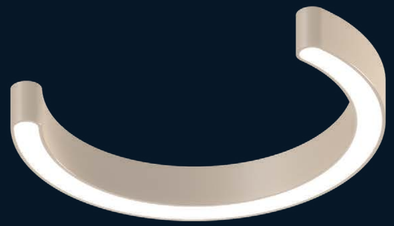
LUMI-ARC

MOUNTING OPTIONS

Choose from 2 different mounting styles to compliment your space:



Suspended Mount



Surface Ceiling Mount

LUMI-ARC

ARC DEGREE

Whether you need an open crescent-shaped arc or a closed, nearly complete circle, this striking luminaire has you covered with multiple arc degree options:



AD300
300°



AD240
240°



AD120
120°





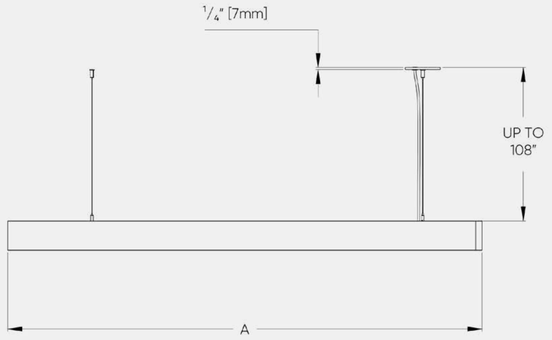
AVAILABLE DIAMETERS
The LUMI–ARC is available in multiple diameters as below, all catered to your individual needs: 2′,3′,4′,5′,6′,7′

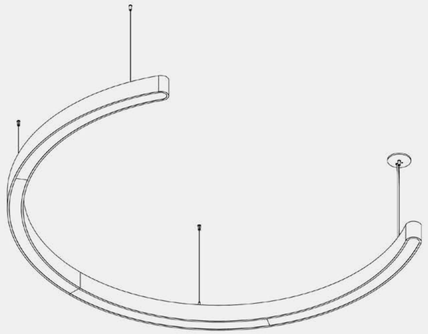


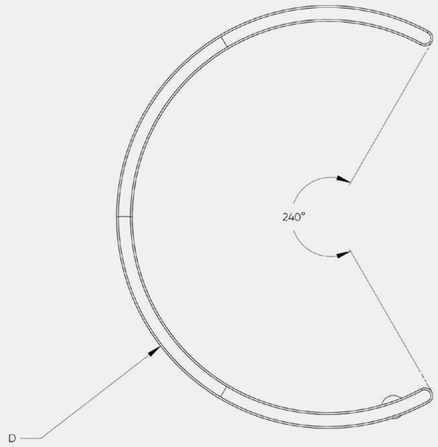
DIMENSIONS

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

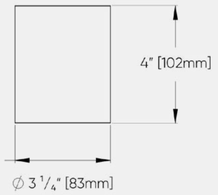
240-Deg Direct/Indirect







PROFILE DIMENSIONS



LUMINAIRE DIMENSIONS			
Nominal Size	D (Actual Diameter)	A (Depth)	No. of Suspensions
2FT	27" [686mm]	19 7/8" [505mm]	3
3FT	38 1/4" [972mm]	27 7/8" [708mm]	3
4FT	50 1/4" [1277mm]	37 3/8" [951mm]	3
5FT	62 1/4" [1581mm]	46 3/8" [1178mm]	3
6FT	74 1/4" [1886mm]	55 3/4" [1415mm]	3
7FT	86 1/4" [2191mm]	64 1/2" [1640mm]	4





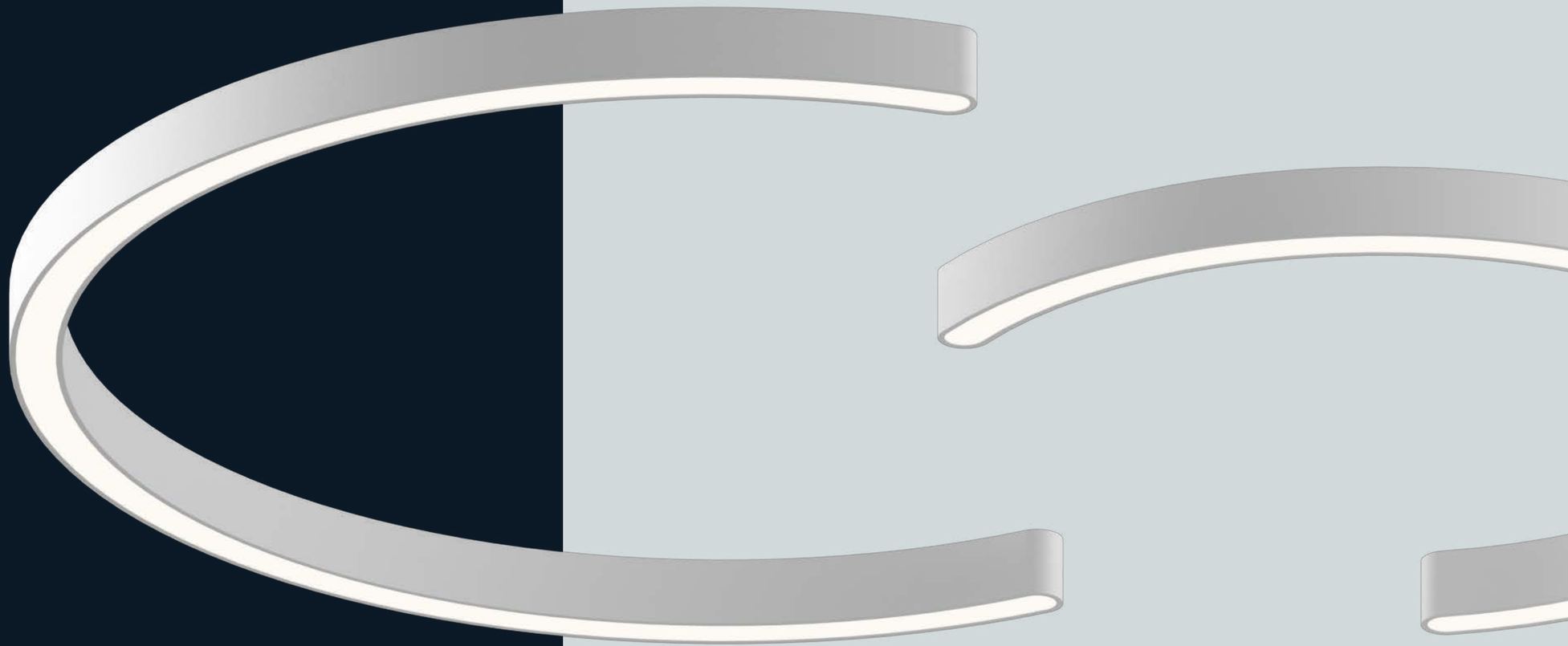
TECHNICAL SPECIFICATIONS

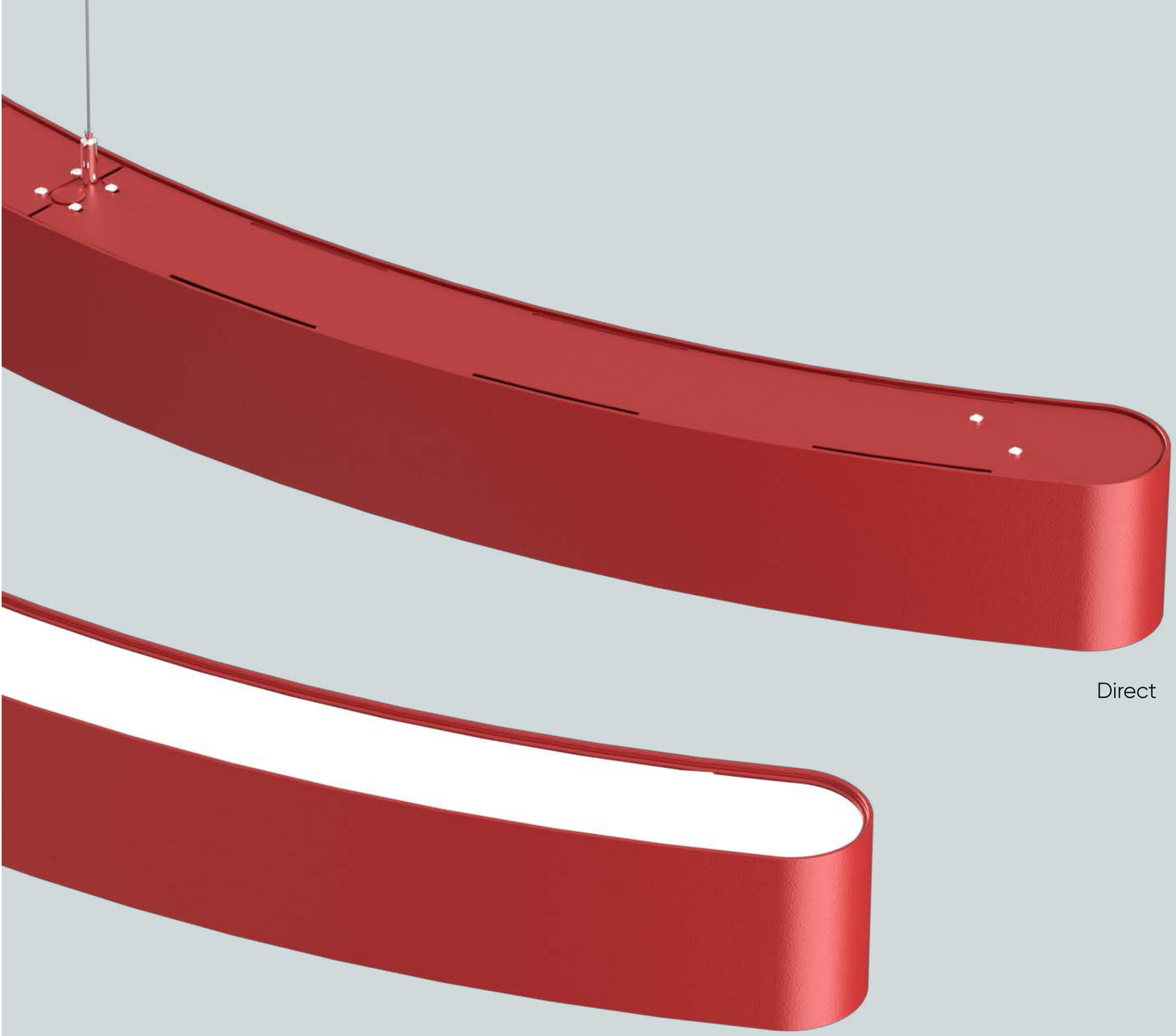
Max Lumens:
UP-26961lm, DOWN-19324lm
CCT:
2700K, 3000K, 3500K, 4000K
CRI:
90+

Circuits:
Single or Dual
Emergency:
Remote
Dimming (Remote Drivers):
0-10V Dimming at 1.0%,
DALI Dimming at 0.1% and 1.0%,
PoE
Sensors:
Consult factory regarding sensor compatibility.
Input Voltage:
V1-120/277V, V2-240V, V3-347V, V4-Low Voltage
Maximum Power Consumption:
500 W (Approx)

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

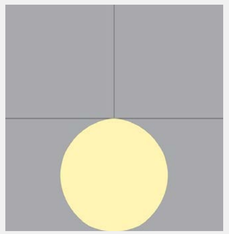




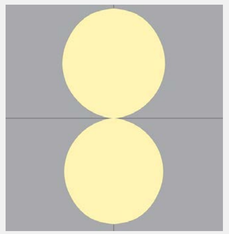
Direct

Direct-Indirect

LIGHT DISTRIBUTION



Direct



Direct-Indirect

Available in direct-only or direct-indirect illumination.


Declare.

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[1]; 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-triazinetrione; Methyl Ethyl Ketone; Titanium; Nickel (Metallic); 2-Methylimidazole; Carbon black; magnesium dioxide; Cyclohexanone

[1]LBC Temp Exception RL-002 - Small Electrical Components

Living Building Challenge Criteria:

I-13 Red List:
☐ LBC Red List Free
☐ LBC Red List Approved
■ Declared

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

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

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[1]; 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-triazinetrione; Titanium; nickel zinc; Silanol terminated polydimethylsiloxane; Molybdenum; Diisopropoxytitanium bis(ethylacetoacetate); Tungsten; Octadecanoic acid, calcium salt; Vanadium; Cobalt metal powder; Methyl Ethyl Ketone

[1]LBC Temp Exception RL-002 - Small Electrical Components

Living Building Challenge Criteria:

I-13 Red List:
☐ LBC Red List Free
☐ LBC Red List Approved
■ Declared

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

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

BET-0002

Original Issue Date: 2023

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INTERNATIONAL LIVING FUTURE INSTITUTE™ 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

sales@betacalco.com