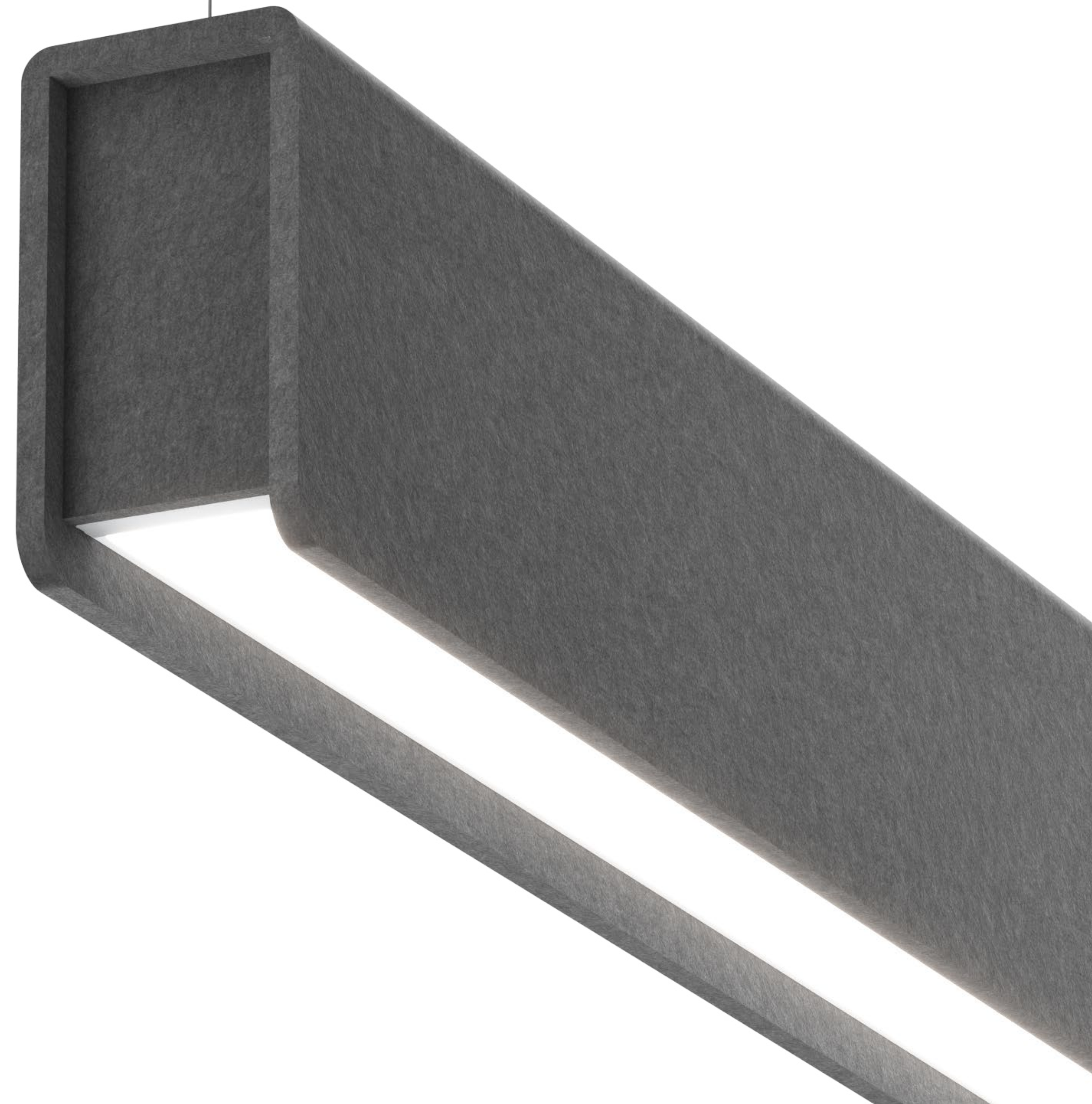


BOOK™

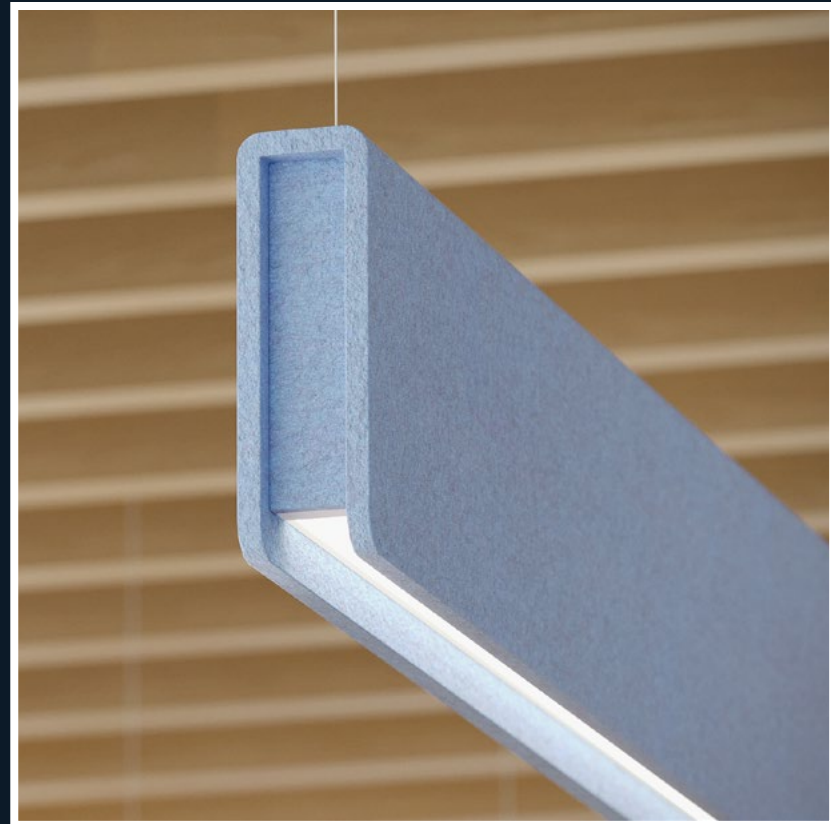
BOOK

INTRODUCTION

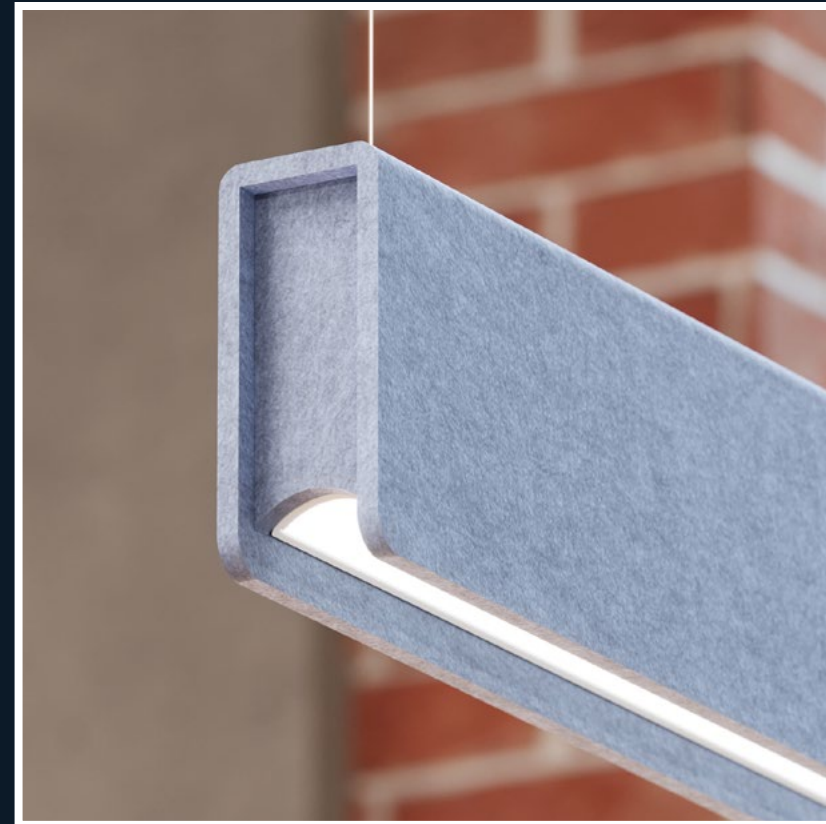
A key aspect of human-centric design is minimizing noise pollution, as it significantly affects both comfort and productivity in shared environments. To achieve this, sound-absorbing materials and luminaires are thoughtfully integrated to improve a room's acoustic quality while enhancing its visual appeal. Acoustic lighting stands out as an innovative solution, blending functional illumination with advanced sound-absorbing properties. Crafted from soft, porous materials, these fixtures effectively reduce ambient noise, fostering a quieter, more comfortable atmosphere. By minimizing disruptive sound reflections and echoes, acoustic lighting promotes better focus, clearer communication, and a heightened sense of well-being, making it an essential element in modern spaces.



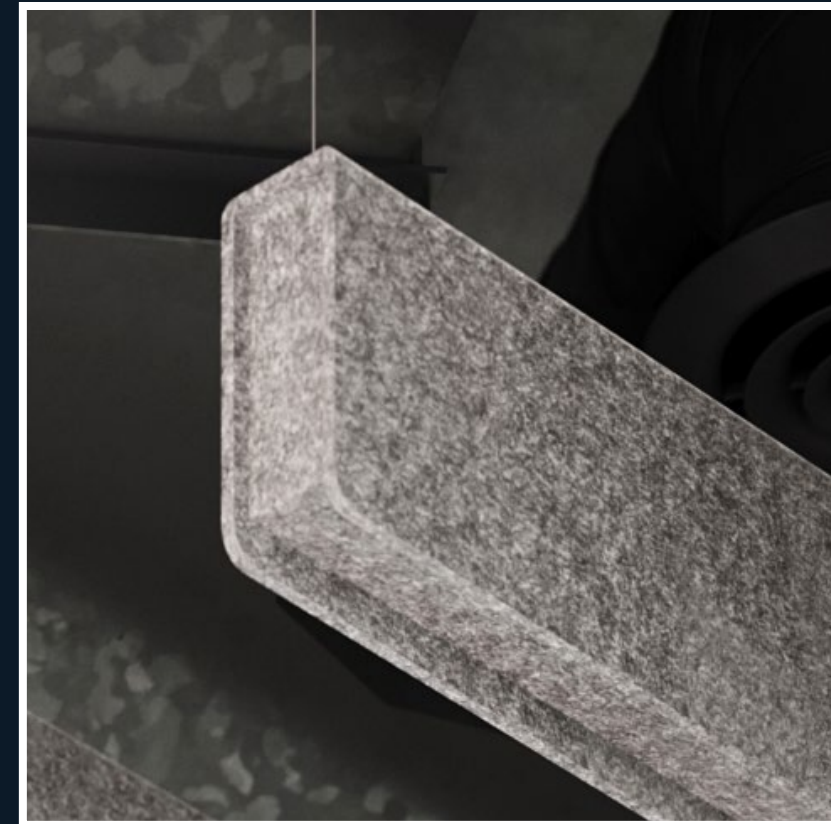
Regressed (RG)



BOOK RG

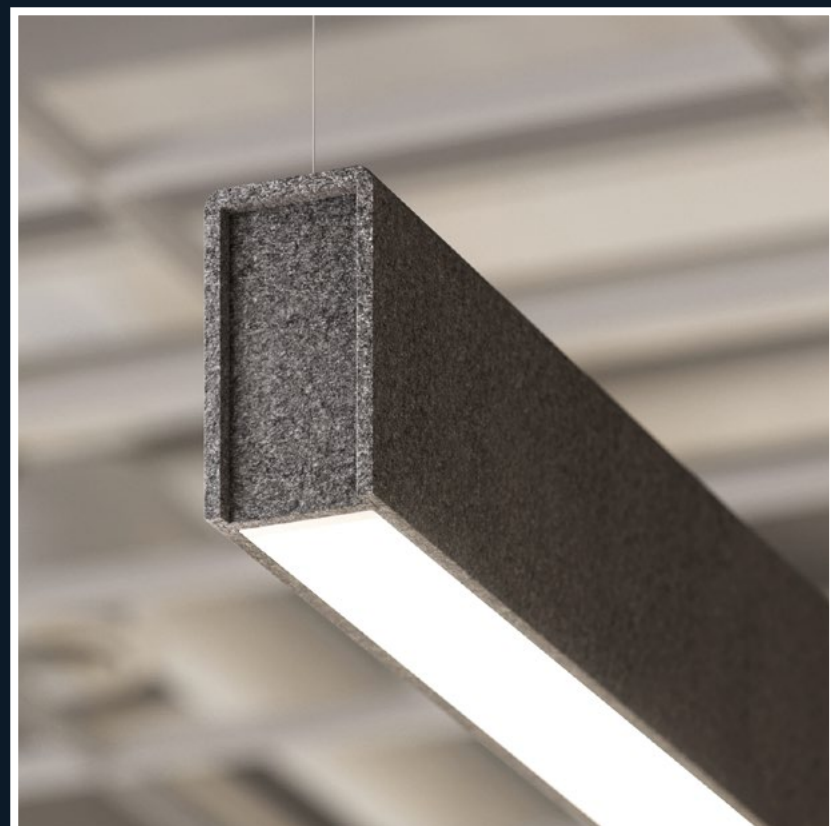


BOOK CURVED RG

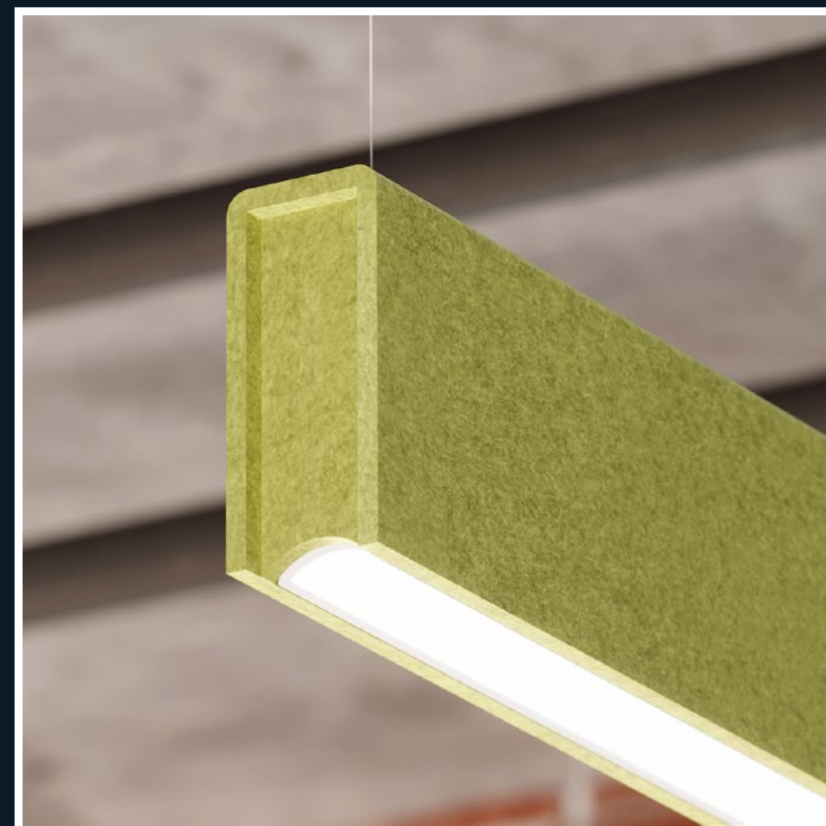


NON-ILLUMINATED RG

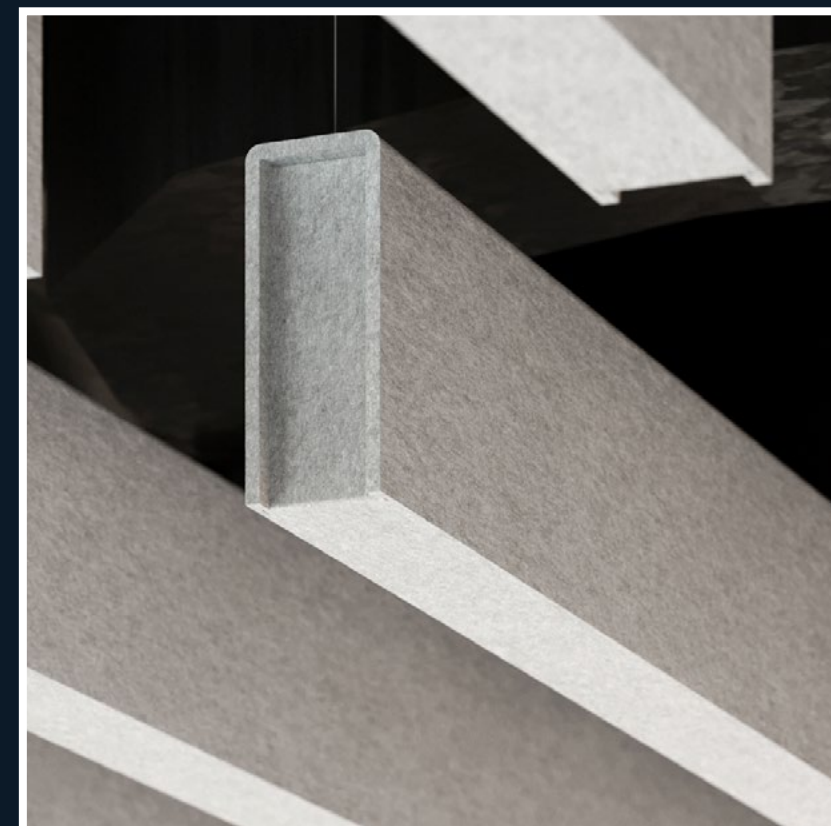
Flush (FL)



BOOK FL



BOOK CURVED FL



NON-ILLUMINATED FL

FEATURES

ACOUSTIC

The BOOK Acoustic Series combines advanced lighting with acoustic functionality in a single, elegant design. Each fixture features high-performance acoustic felt with an NRC rating of 0.8, ensuring excellent noise control alongside quality lighting. Crafted from 100% recyclable PET material, the acoustic felt provides effective sound absorption, is lightweight, and fire-resistant, making it a valuable addition to enhancing the ambiance in commercial spaces.

FLEXIBLE APERTURE OPTIONS

Select from three aperture sizes (1.5", 2.5", and 3.5") to customize your lighting design. Whether you're aiming for a soft, subtle illumination or a striking visual impact, these sizes offer the adaptability to seamlessly integrate with the architectural environment, fulfilling both the aesthetic and functional needs of any project.

SEAMLESS ROLLOUT DIFFUSER

Experience uniform, shadow-free lighting with our easy-to-install rollout diffuser. Designed for both visual perfection and hassle-free maintenance, its field-cutable construction allows for on-site adjustments, offering a versatile and convenient solution for even the most complex installations.

PRECISION LIGHT DISTRIBUTION OPTIONS

Select the perfect optical control for your project. The Diffused optic delivers soft, uniform lighting, striking a balance between aesthetics and functionality for general applications. The Widespread optic provides broad, even illumination with minimal glare, allowing for wider fixture spacing and fewer fixtures—ideal for large open areas. The 120° Batwing optic, designed for indirect lighting, enhances ambient light by reflecting glare-free light off the ceiling. For targeted illumination, the Asymmetric optic directs light in one direction, making it perfect for perimeter lighting and wall washing.

VERSATILE LUMEN PACKAGES

Choose from eight lumen packages, ranging from 200 LM/FT to 1400 LM/FT, to achieve the ideal light intensity for any environment. This range of options ensures precise lighting design, delivering the perfect brightness for every setting, from warm, ambient spaces to well-lit areas that demand high visibility.

HIGH-EFFICIENCY LIGHTING

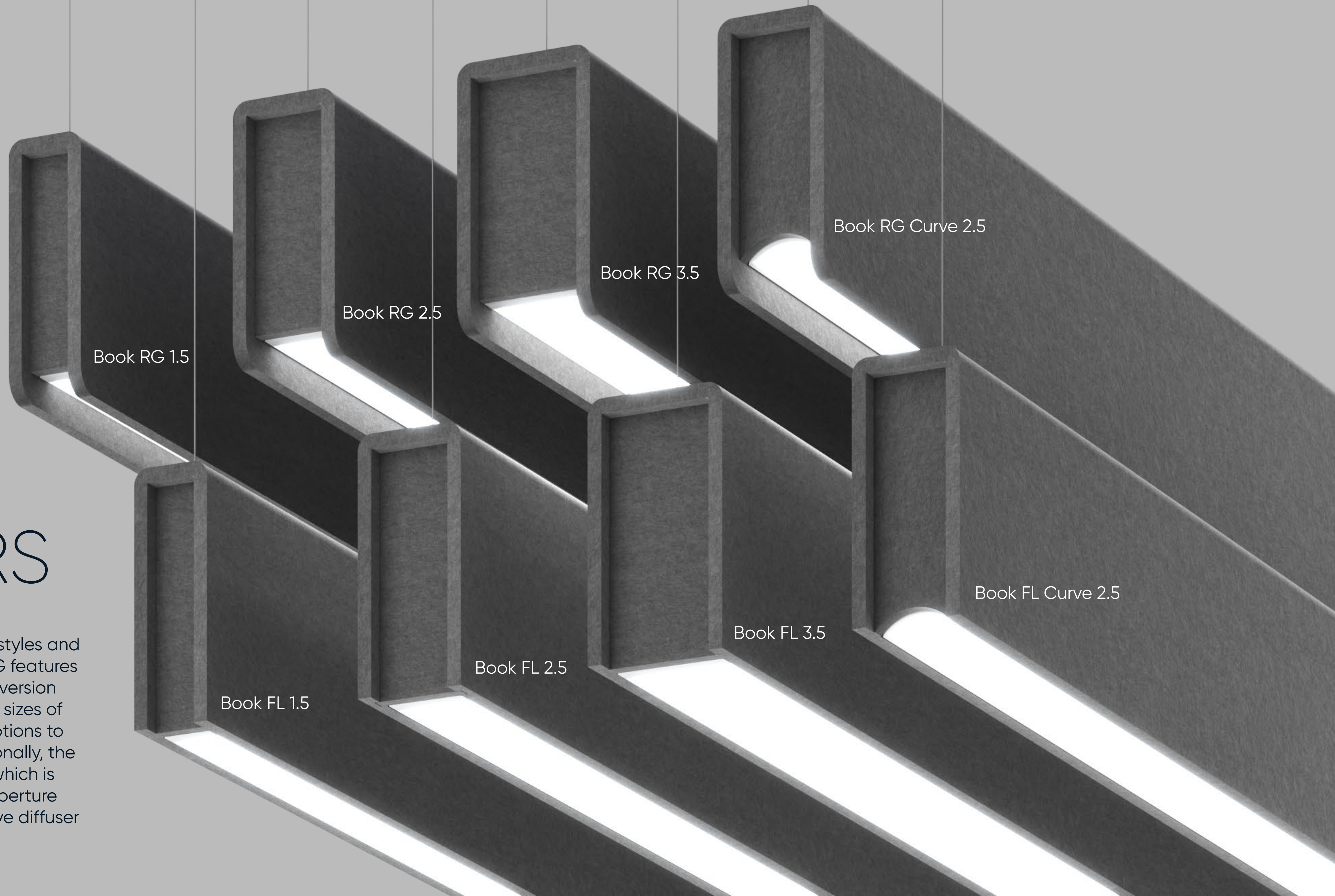
Achieve outstanding lighting performance with a lumen efficacy of 129 LPW, providing bright, energy-efficient illumination. This high efficiency not only reduces energy consumption but also offers an eco-friendly and cost-effective solution, ideal for large-scale projects.

CIRCADIAN SYNCING

Enhance your environment with BIOS technology, which adjusts the light spectrum throughout the day to mimic natural daylight cycles. This promotes healthy circadian rhythms, supporting improved cognitive function, better sleep, and overall well-being for occupants, creating a more holistic and nurturing space.

FORM FACTORS

The BOOK comes in two distinct styles and three aperture sizes. The Book RG features a regressed diffuser, while the FL version includes a flush diffuser. Aperture sizes of 1.5", 2.5", and 3.5" offer flexible options to suit diverse design needs. Additionally, the series includes the curved style, which is available exclusively in the 2.5" aperture and is characterized by a concave diffuser and end cap.



Book RG 1.5

Book RG 2.5

Book RG 3.5

Book RG Curve 2.5

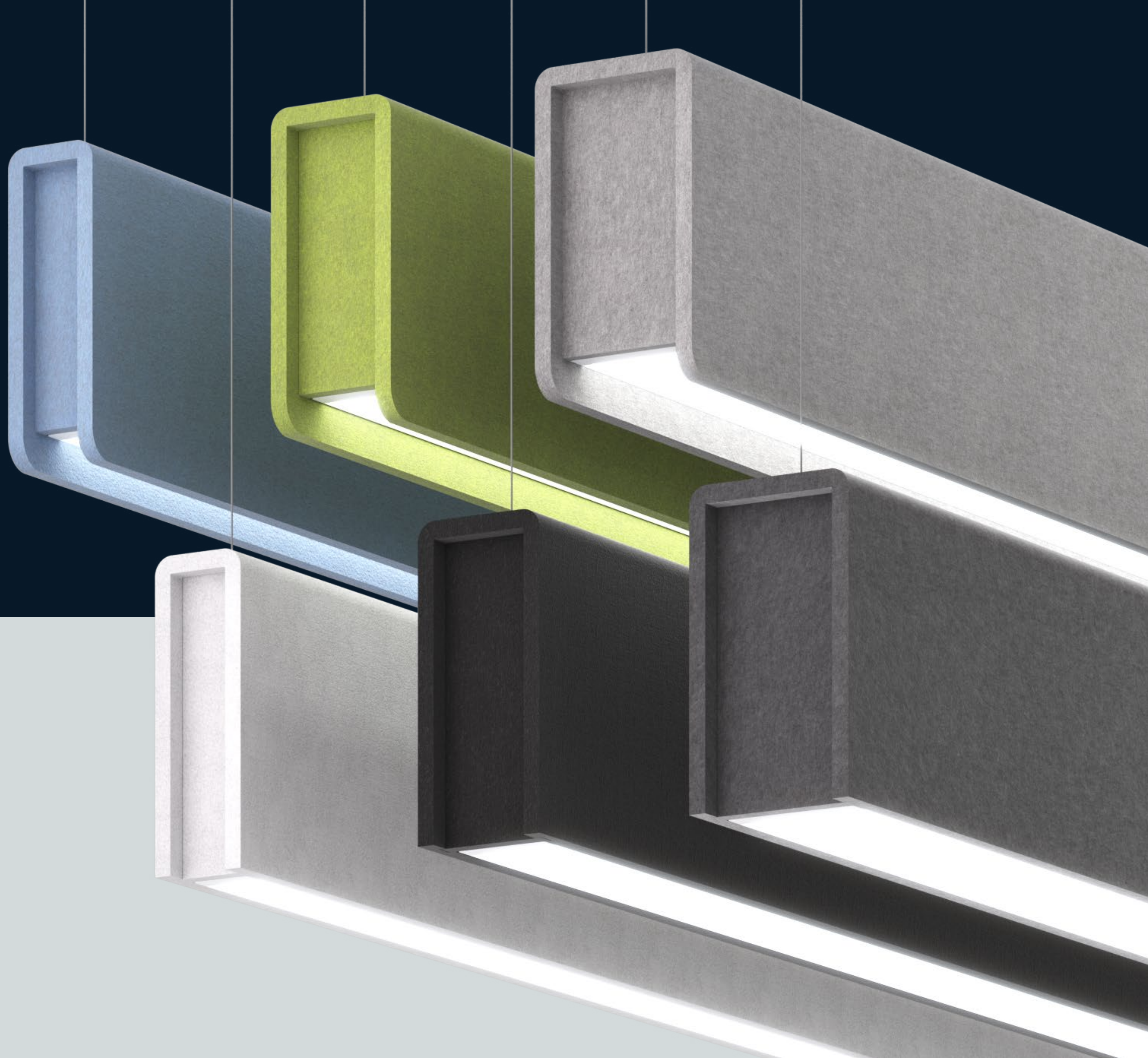
Book FL 1.5

Book FL 2.5

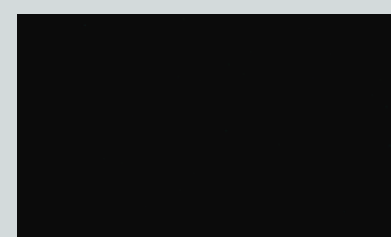
Book FL 3.5

Book FL Curve 2.5

ACOUSTIC PANEL COLORS



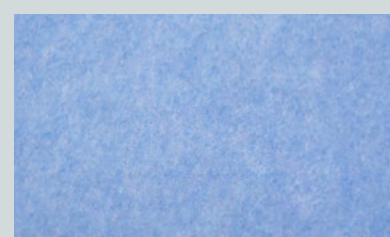
Custom options available to special order.



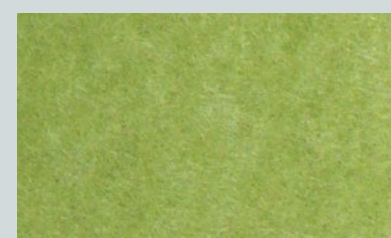
Black



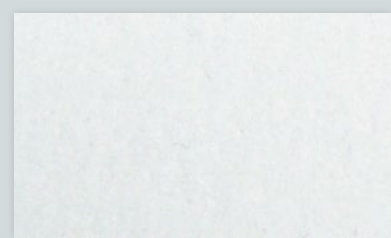
Sesame Gray



Blue



Apple Green



White



Light Gray



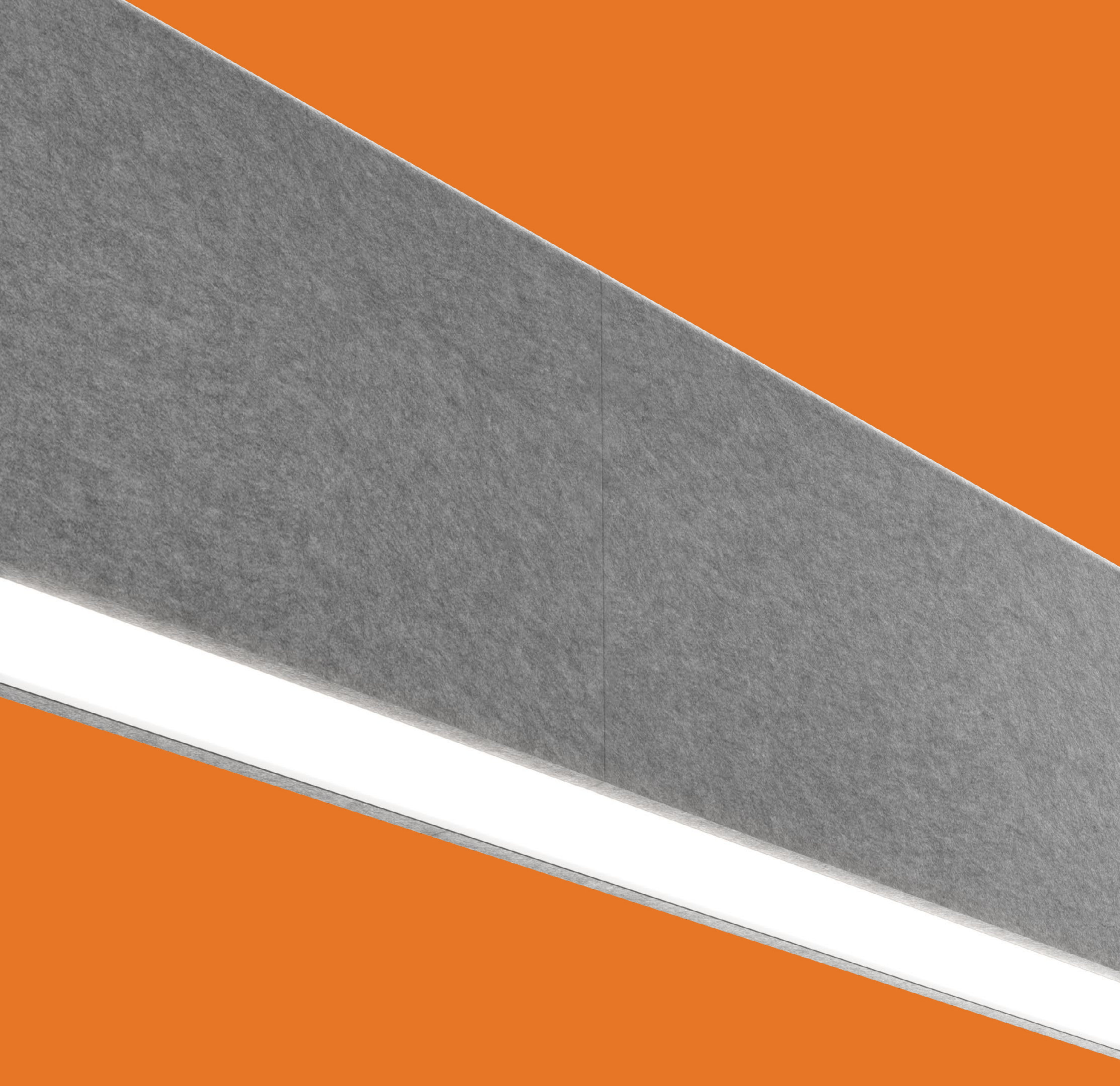
ACOUSTIC PANELS

Acoustic panels are effective for dampening sound in high-traffic areas and spaces with acoustically reflective surfaces.

BOOK

Non-illuminated panels effectively control noise while preserving the open office design, eliminating the need for additional walls.

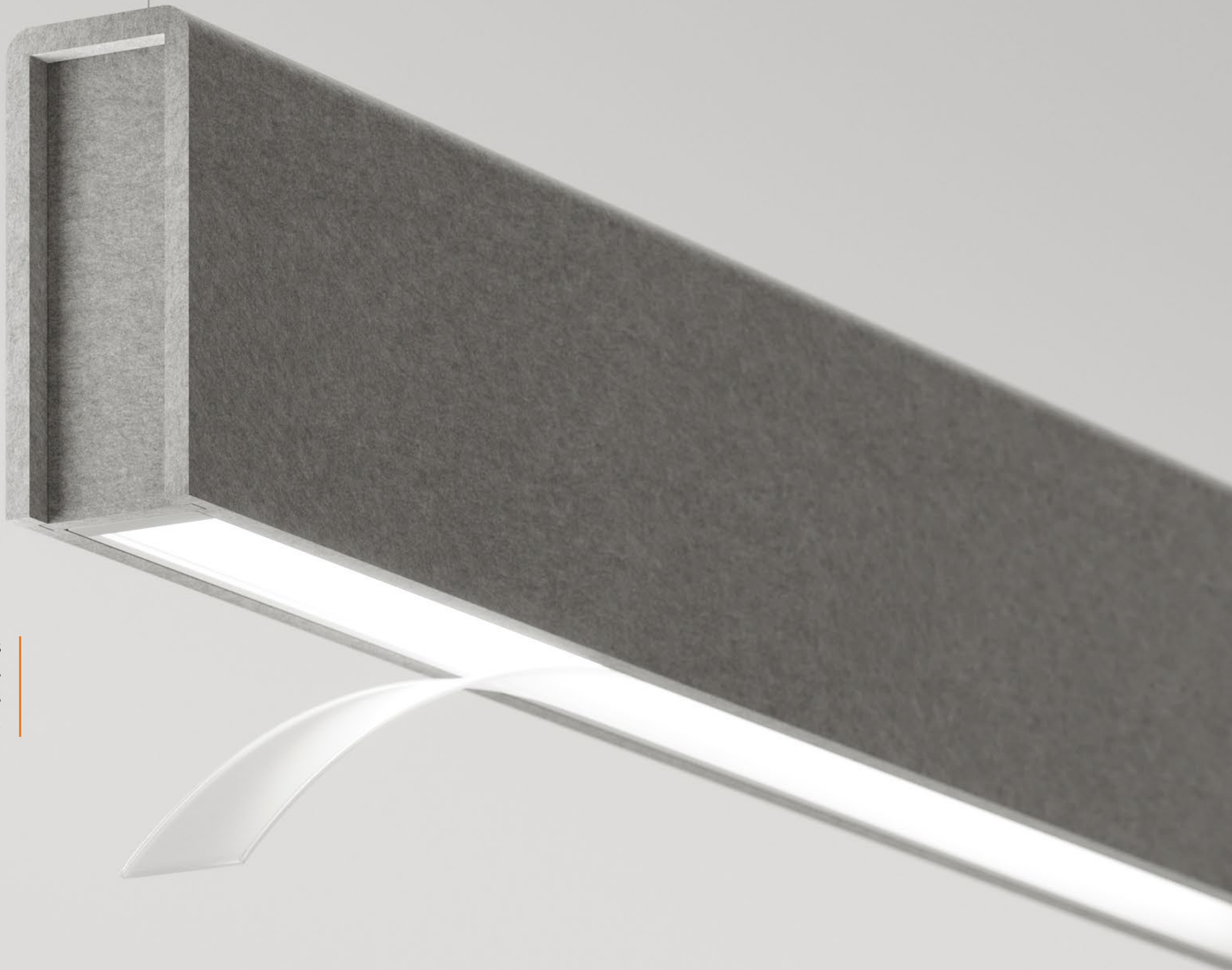




Continuous Perfection

Available in continuous runs up to 50' and 6 standard lengths:
2', 4', 6', 8', 10', 12'.

The longer lengths, 8', 10' and 12', will consist of 2 connected
acoustic panels with a full linear extrusion underneath.



Uniform Illumination With Our Rollout Lens

Achieve perfect uniformity across expansive linear runs with BOOK's rollout lens. Designed for even illumination, the press-in lens ensures consistent and seamless lighting throughout your project.

INDIRECT LIGHT

The Book is designed for direct or direct/indirect illumination, with indirect lens options that include diffused, batwing, or asymmetric lenses.





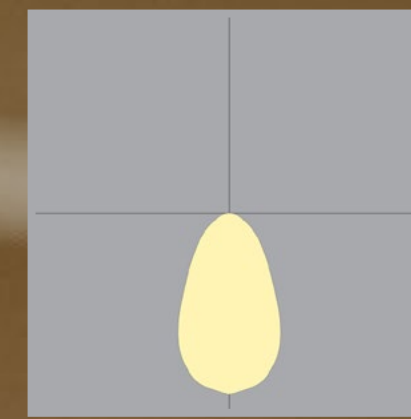
BOOK RG

The Book RG incorporates a thoughtfully designed recessed diffuser that significantly reduces glare, contributing to a more comfortable and visually appealing environment. This innovative feature enhances visual comfort by softening the light distribution, making it ideal for settings where reducing eye strain and maintaining high-quality illumination are essential. The Book RG is available in 1.5", 2.5", and 3.5" aperture sizes.

BOOK RG OPTICS



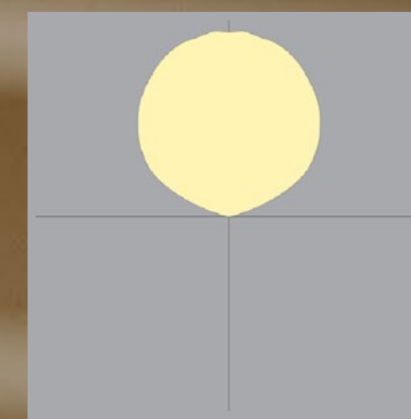
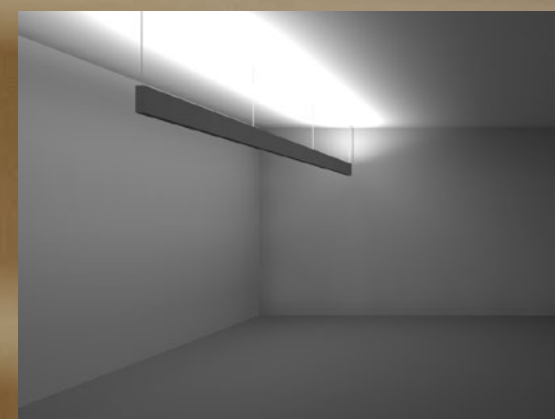
Direct



Diffused:

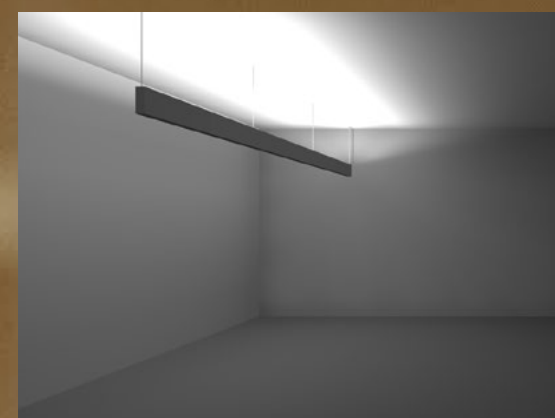
A performance-focused diffuser engineered to provide soft, uniform light while fostering a welcoming, low-glare environment. This design is ideal for spaces requiring consistent, soothing illumination, offering visual comfort and elevating the overall lighting experience.

Indirect



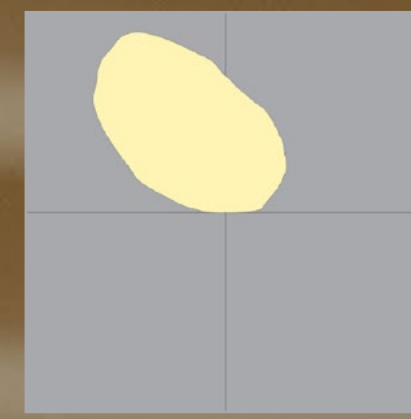
Diffused:

The opal diffuser for indirect lighting ensures smooth and even light distribution, reducing ceiling glare and enhancing ambient brightness. Perfect for creating a welcoming atmosphere with gentle, reflected light.



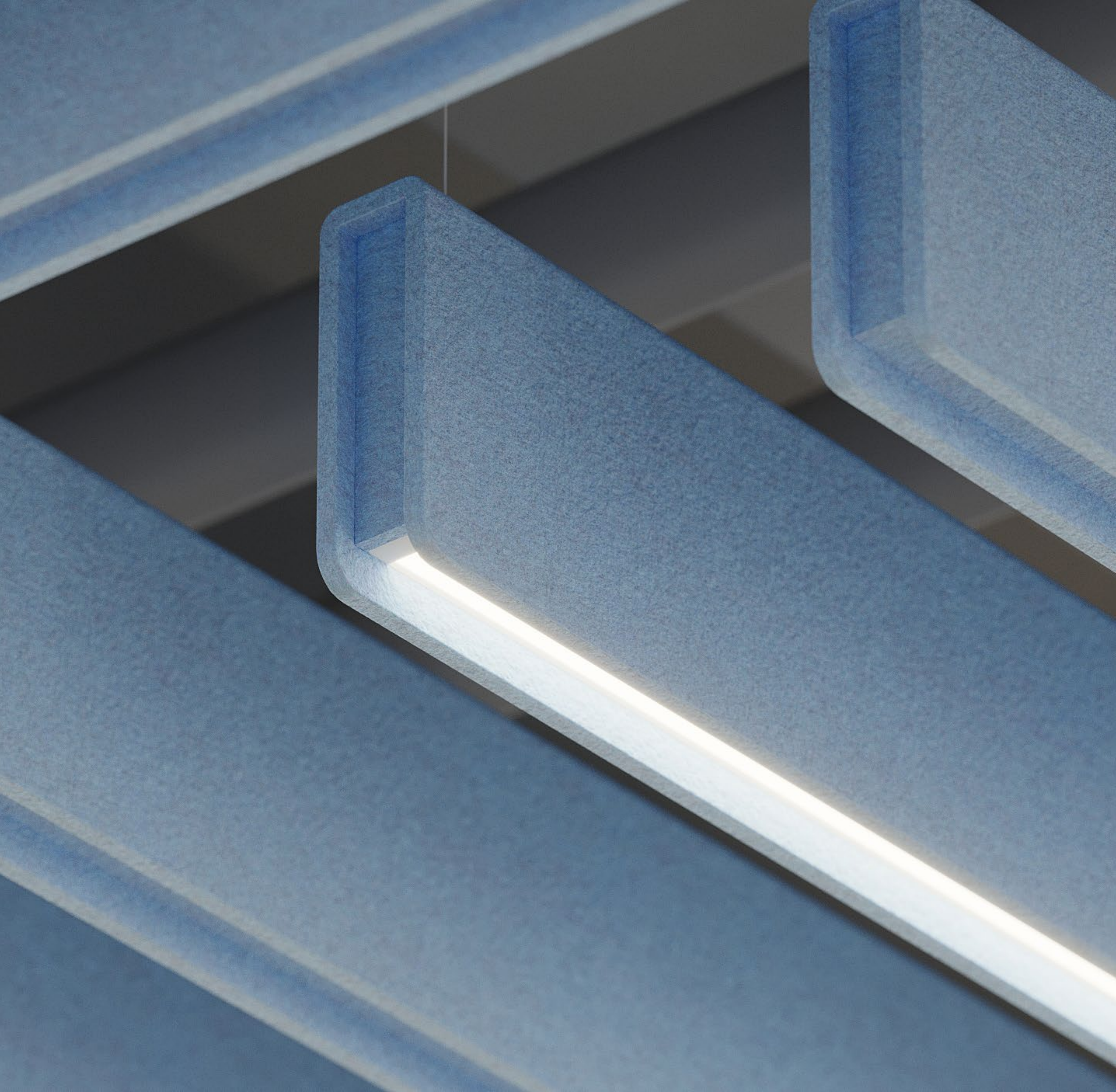
Batwing:

Delivers a 120° beam, distributing light upward toward the ceiling and reflecting it back into the space. This creates balanced, glare-free ambient lighting, ideal for classrooms, offices, and workspaces.



Asymmetric:

The asymmetric optic for indirect lighting directs light at an angle, enhancing wall surfaces and creating a sense of spaciousness. It provides dynamic lighting effects with balanced light spread. Ideal for indirect wall washing and enhancing architectural elements.



Seamless Style, Superior Sound Control

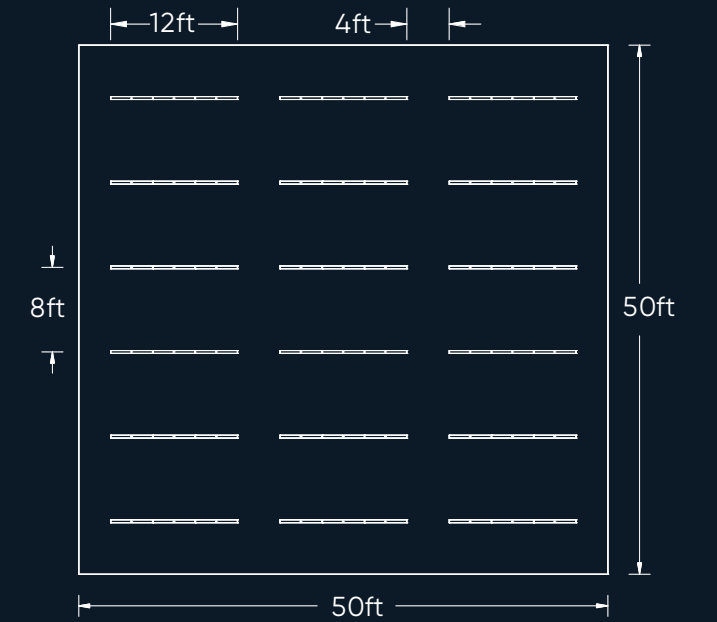
Reduce sound reverberation with non-illuminated panels that harmonize with the form factor of the Book luminaire. Designed to complement the aesthetic of the lighting fixture, these elements enhance acoustic comfort while maintaining a cohesive design. By incorporating these matching panels, spaces achieve effective noise control without compromising visual appeal, creating a quieter, more pleasant environment suited to open offices, collaborative areas, and workspaces that value both functionality and style.

USE CASE SCENARIOS

OPEN PLAN OFFICE SPACE

Diffused optic in 3.5" option with 200lms/ft direct and 400lms/ft indirect

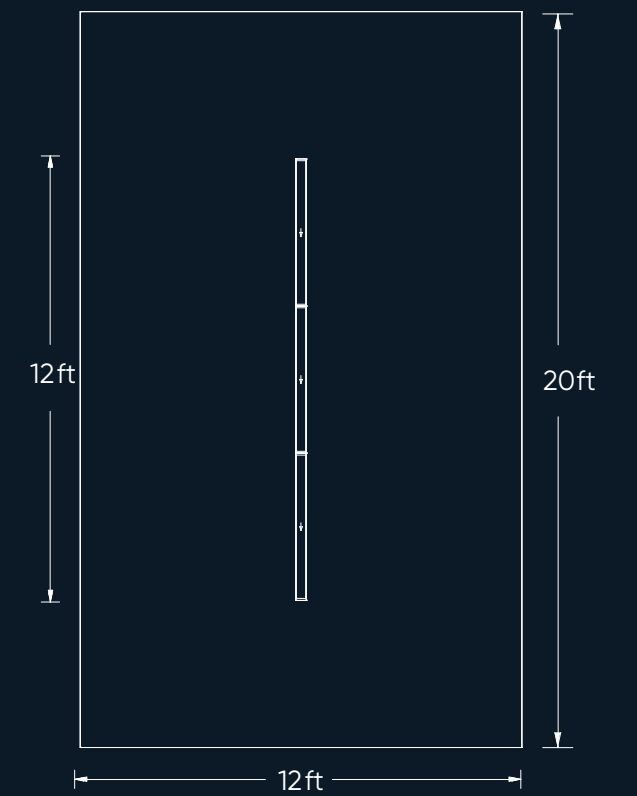
| | | | |
|----------------------------|-----------|--|-------|
| Room size: | 50' x 50' | Workplane 30" above finished floor (fc level): | 42 |
| Ceiling height: | 12' | Workplane uniformity max to min: | 1.2:1 |
| Luminaire mounting height: | 10' | Ceiling uniformity max to min: | 3.5:1 |
| Reflectances: | 80/50/20 | UGR average: | <12 |
| Light loss factor: | 1.0 | Watt sq/ft: | 0.4 |



CONFERENCE ROOM

Diffused optic in 1.5" option with 400lms/ft direct and 600lms/ft indirect

| | | | |
|----------------------------|----------|--|------|
| Room size: | 20'x12' | Workplane 30" above finished floor (fc level): | 44 |
| Ceiling height: | 10' | Watt sq/ft: | 0.45 |
| Luminaire mounting height: | 8'6" | | |
| Reflectances: | 80/50/20 | | |
| Light loss factor: | 1.0 | | |

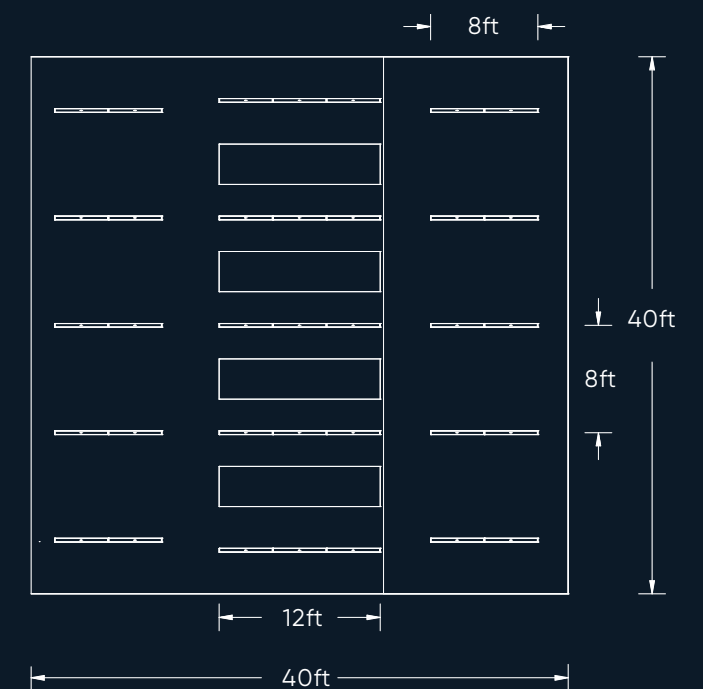


LIBRARY

Diffused optic in 2.5" option over reading area with 200lms/ft direct and 600lms/ft indirect

Diffused optic in 2.5" option in bookshelf area with 400lms/ft direct and 200lms/ft indirect

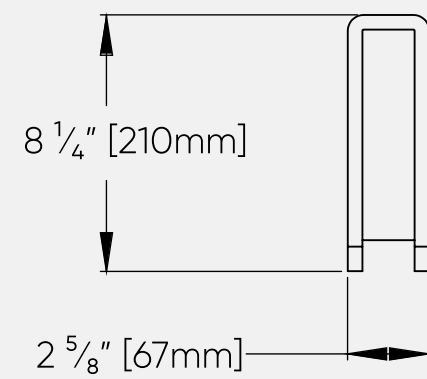
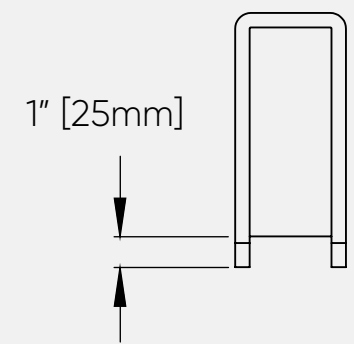
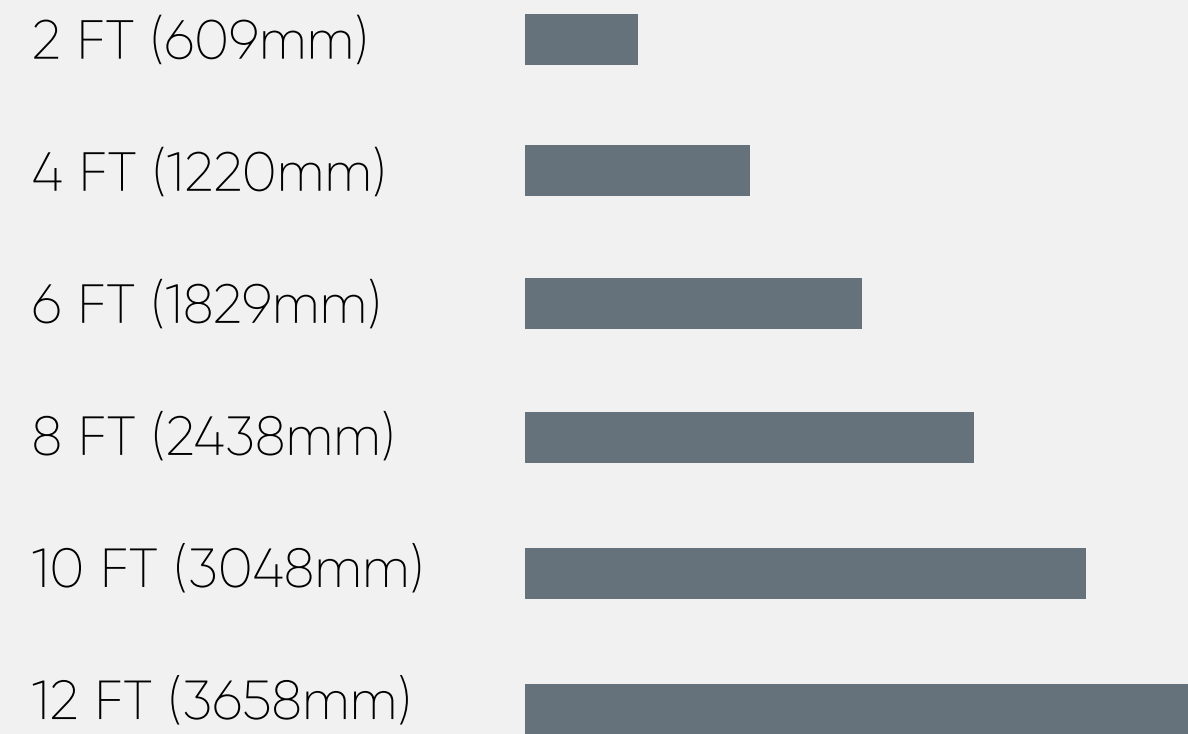
| | | | |
|----------------------------|-----------|--|-------|
| Room size: | 40' x 40' | Reading area workplane 30" above finish: | 44 |
| Ceiling height: | 12' | Workplane uniformity max to min: | 1.2:1 |
| Bookshelf height: | 5' | Illuminance on book stacks: | 25 |
| Luminaire mounting height: | 9' | Ceiling uniformity max to min: | 4:1 |
| Reading area-for Stacks: | 8' | Watt sq/ft: | 0.54 |
| Reflectances: | 80/50/20 | | |
| Light loss factor: | 1.0 | | |



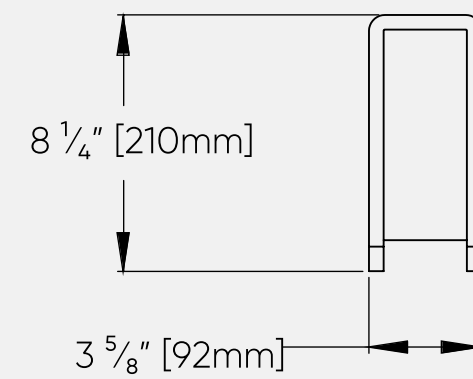
DIMENSIONS

BOOK RG can be configured as a continuous run up to 50ft on a single circuit. Start with a minimum length of 2ft and add increments of 2ft.

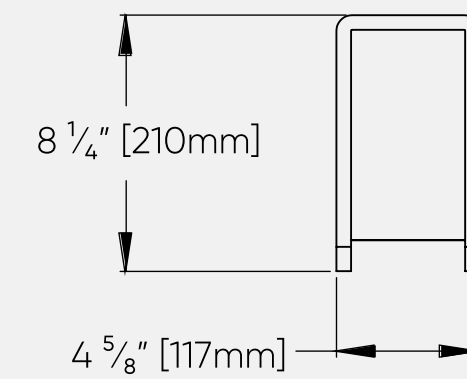
Section Lengths



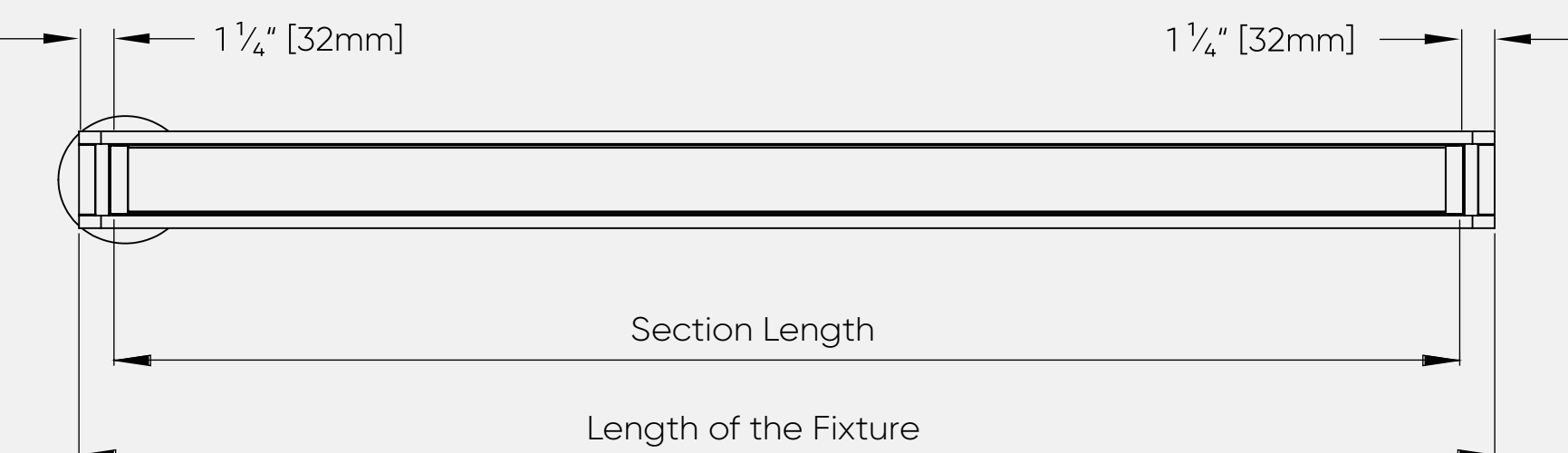
PW01 (1 1/2")



PW02 (2 1/2")



PW03 (3 1/2")



| Section Length | Length of the Fixture |
|----------------|-----------------------|
| 2FT | 26 1/2" [673mm] |
| 4FT | 50 1/2" [1282mm] |
| 6FT | 74 1/2" [1892mm] |
| 8FT | 98 1/2" [2501mm] |
| 10FT | 122 1/2" [3111mm] |
| 12FT | 146 1/2" [3721mm] |

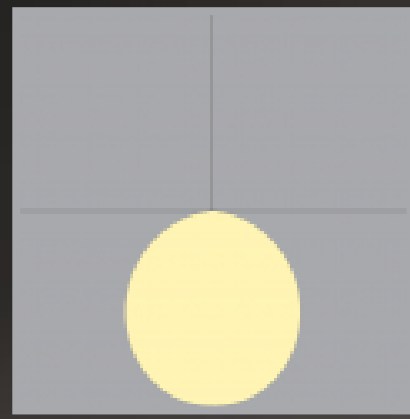
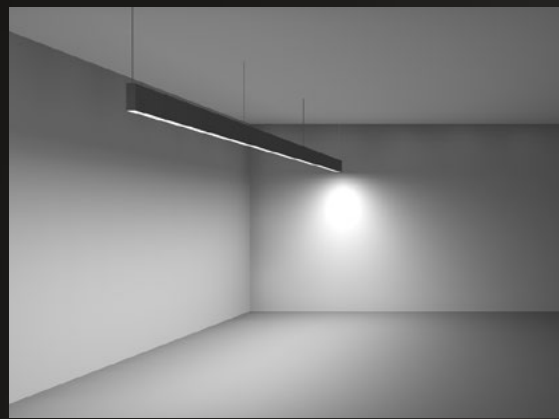


BOOK FL

The Book FL is equipped with a diffuser that aligns seamlessly with the bottom of the fixture, creating a smooth, uninterrupted surface. This design not only improves the fixture's aesthetics but also enhances its overall performance by optimizing light distribution and ensuring efficient illumination. The flush diffuser contributes to better light output and functionality, making it a superior choice for high-performance lighting needs. The Book FL is available in 1.5", 2.5", and 3.5" aperture sizes.

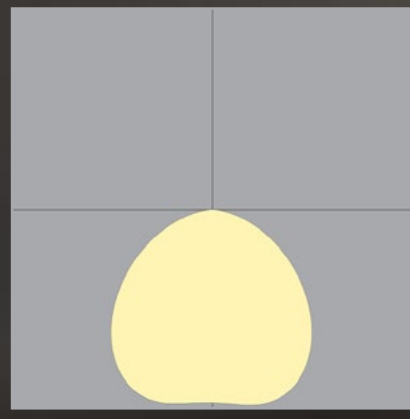
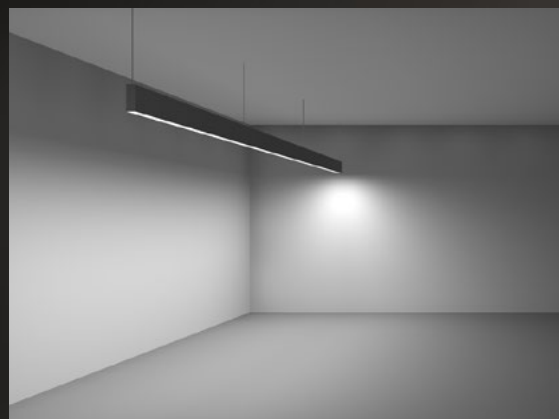
BOOK FL OPTICS

Direct



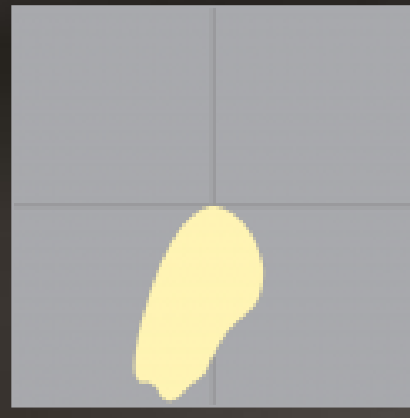
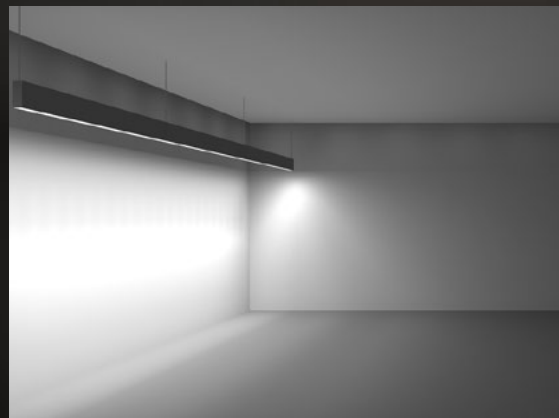
Diffused:

A performance-focused diffuser engineered to provide soft, uniform light while fostering a welcoming, low-glare environment. This design is ideal for spaces requiring consistent, soothing illumination, offering visual comfort and elevating the overall lighting experience.



Widespread:

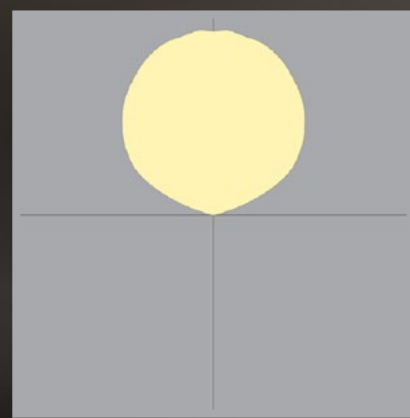
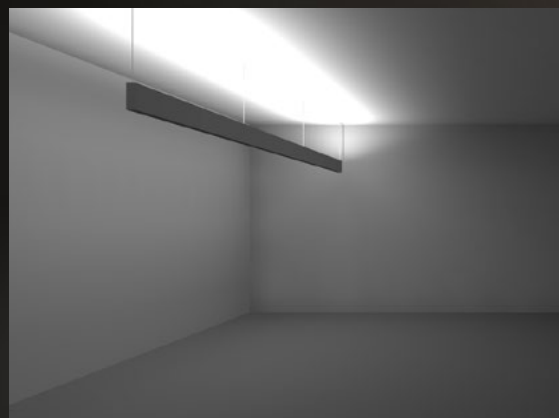
Delivers broad, even light distribution with minimal glare, reducing the number of fixtures needed. Ideal for large open spaces such as offices, lobbies, or classrooms where consistent, balanced illumination is required.



Asymmetric:

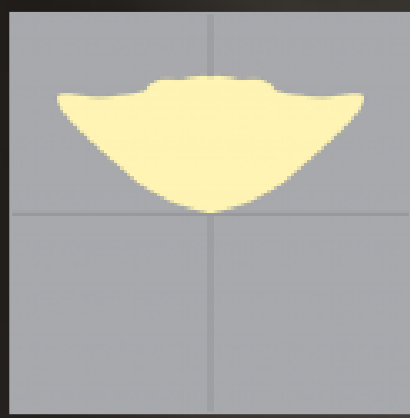
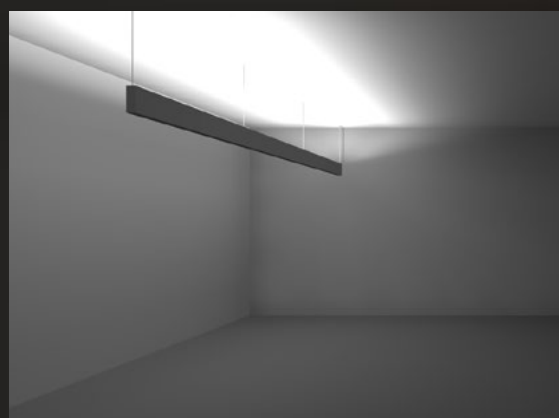
Offers precise lighting for targeted areas, perfect for perimeter lighting, wall washing, and accent lighting. For indirect use, it directs light at an angle to enhance walls and add spaciousness, ideal for indirect wall washing and highlighting architectural features.

Indirect



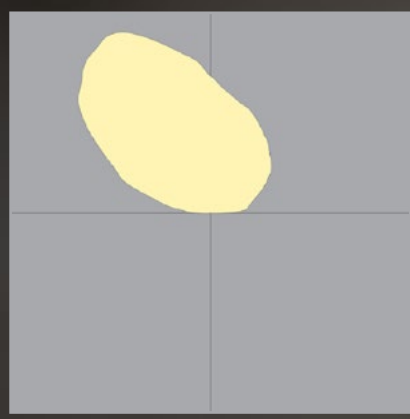
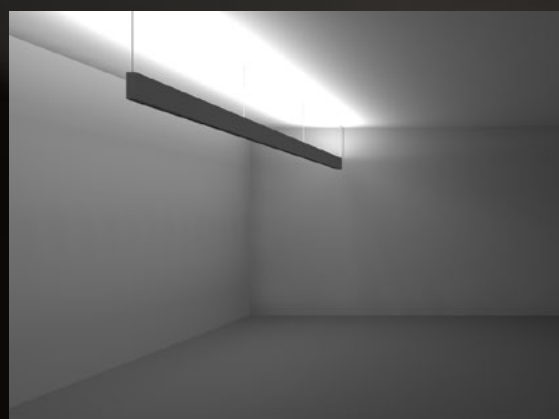
Diffused:

The opal diffuser for indirect lighting ensures smooth and even light distribution, reducing ceiling glare and enhancing ambient brightness. Perfect for creating a welcoming atmosphere with gentle, reflected light.



Batwing:

Delivers a 120° beam, distributing light upward toward the ceiling and reflecting it back into the space. This creates balanced, glare-free ambient lighting, ideal for classrooms, offices, and workspaces.



Asymmetric:

The asymmetric optic for indirect lighting directs light at an angle, enhancing wall surfaces and creating a sense of spaciousness. It provides dynamic lighting effects with balanced light spread. Ideal for indirect wall washing and enhancing architectural elements.



Seamless Precision at Every Angle

Design a seamless lighting layout with runs extending up to 50 feet on a single circuit.





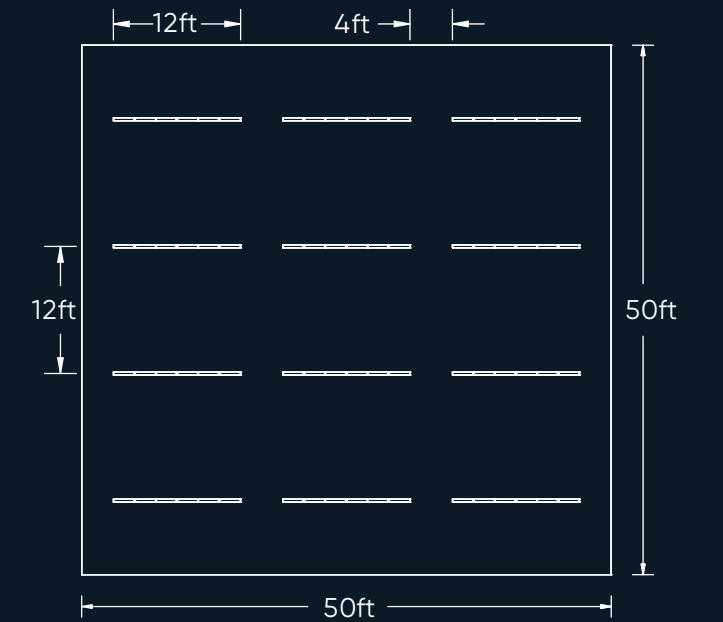
BOOK FL

USE CASE SCENARIOS

OPEN PLAN OFFICE SPACE

Widespread optic in 2.5" option with 400lms/ft direct and 400lms/ft indirect

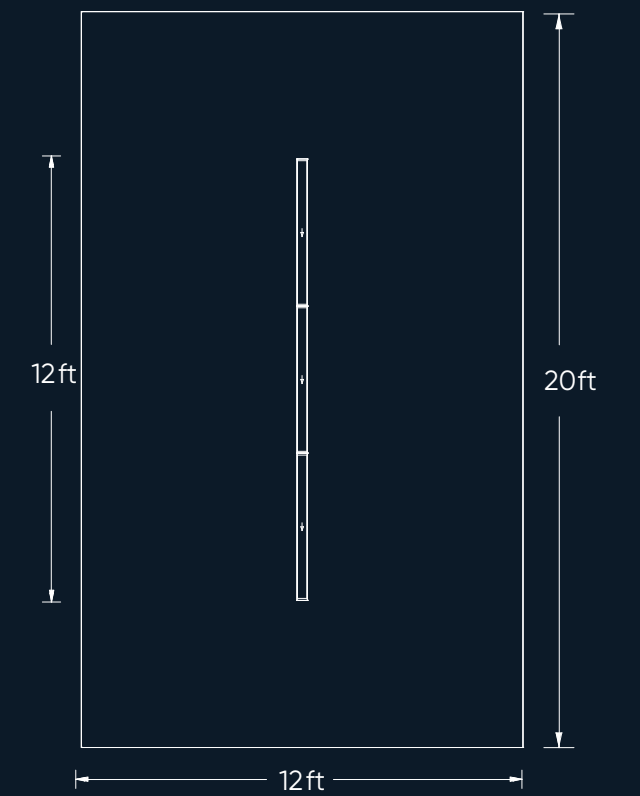
| | | | |
|----------------------------|-----------|--|-------|
| Room size: | 50' x 50' | Workplane 30" above finished floor (fc level): | 43 |
| Ceiling height: | 12' | Workplane uniformity max to min: | 1.2:1 |
| Luminaire mounting height: | 9'6" | Watt sq/ft: | 0.38 |
| Reflectances: | 80/50/20 | UGR average: | <17 |
| Light loss factor: | 1.0 | Ceiling uniformity max to min: | 6:1 |



CONFERENCE ROOM

Widespread optic in 1.5" option with 400lms/ft direct and 600lms/ft indirect

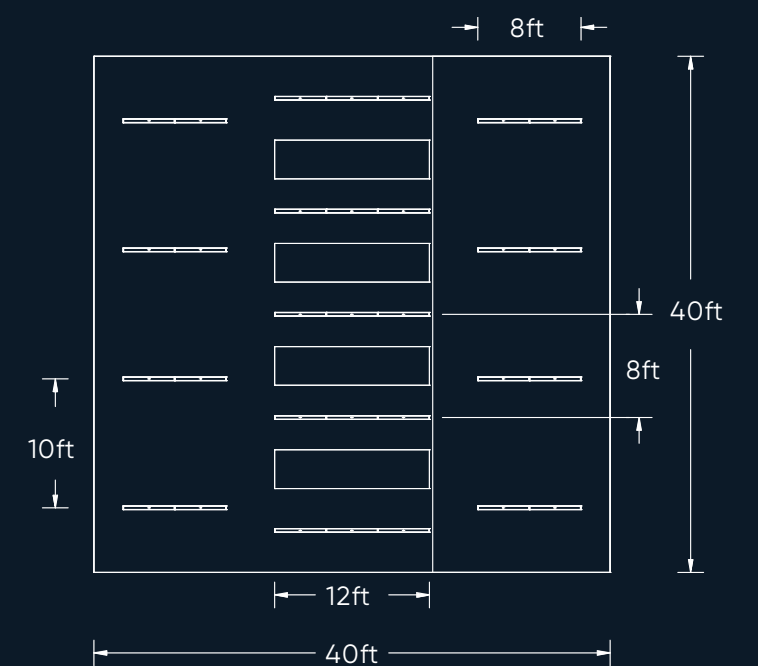
| | | | |
|----------------------------|----------|--|------|
| Room size: | 20'x12' | Workplane 30" above finished floor (fc level): | 44 |
| Ceiling height: | 10' | Watt sq/ft: | 0.45 |
| Luminaire mounting height: | 7'6" | | |
| Reflectances: | 80/50/20 | | |
| Light loss factor: | 1.0 | | |



LIBRARY

Widespread optic in 3.5" option over reading area with 600lms/ft direct and 200lms/ft indirect
 Diffused optic in 3.5" option in bookshelf area with 400lms/ft direct and 200lms/ft indirect

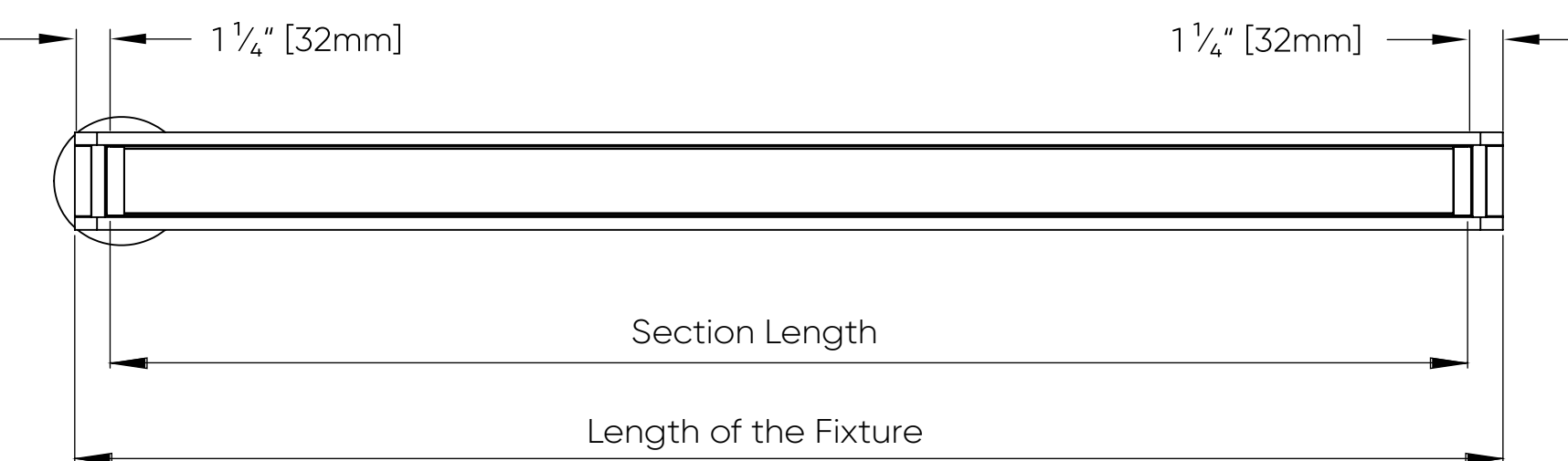
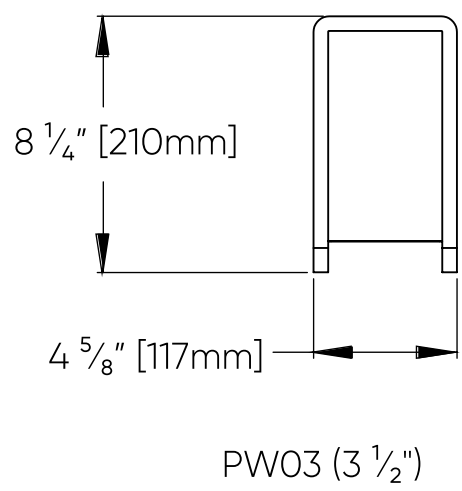
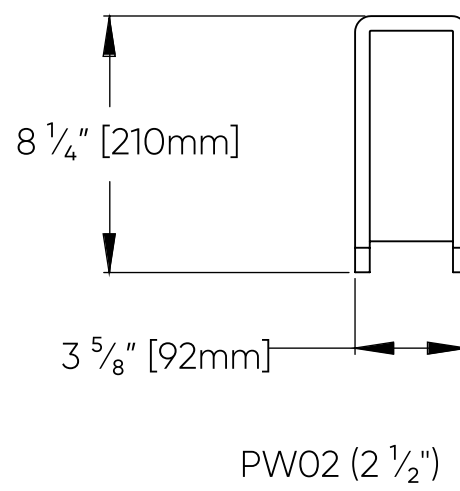
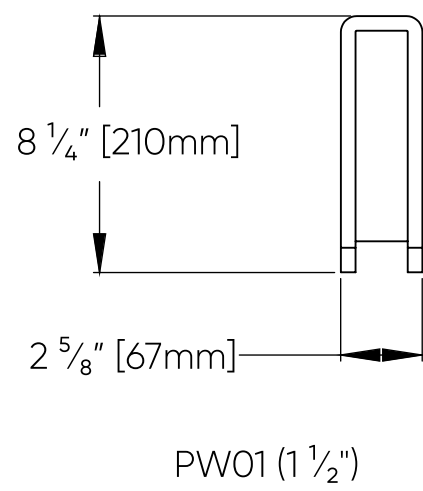
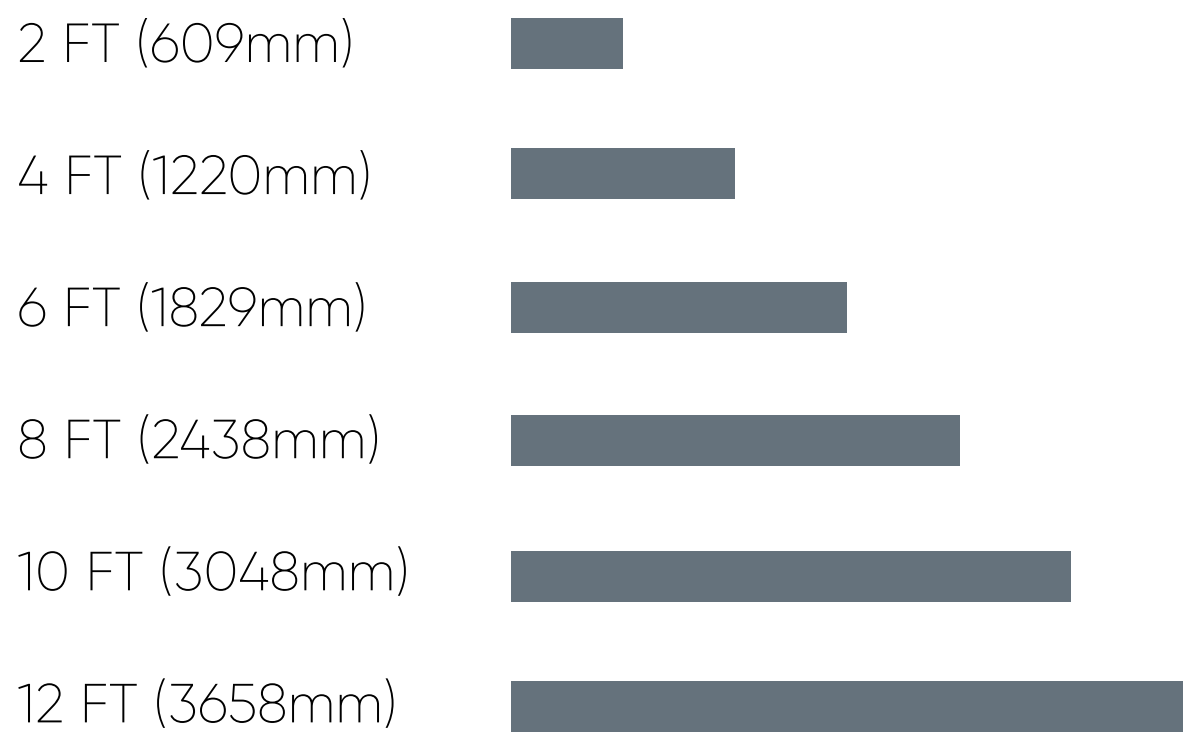
| | | | |
|----------------------------|-----------|--|-------|
| Room size: | 40' x 40' | Reading area workplane 30" above finished: | 45 |
| Ceiling height: | 12' | Workplane uniformity max to min: | 1.1:1 |
| Bookshelf height: | 5' | Illuminance on book stacks: | 24 |
| Luminaire mounting height: | 8' | Ceiling uniformity max to min: | 2:1 |
| Reflectances: | 80/50/20 | Watt sq/ft: | 0.43 |
| Light loss factor: | 1.0 | | |



DIMENSIONS

BOOK FL can be configured as a continuous run up to 50ft on a single circuit. Start with a minimum length of 2ft and add increments of 2ft.

Section Lengths



| Section Length | Length of the Fixture |
|----------------|-----------------------|
| 2FT | 26 1/2" [673mm] |
| 4FT | 50 1/2" [1282mm] |
| 6FT | 74 1/2" [1892mm] |
| 8FT | 98 1/2" [2501mm] |
| 10FT | 122 1/2" [3111mm] |
| 12FT | 146 1/2" [3721mm] |

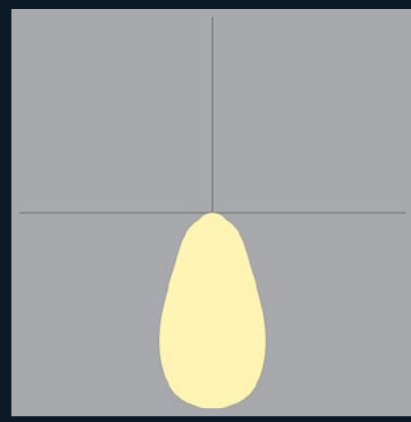


BOOK CURVE

With its concave end cap and diffuser, the Book Curved introduces a distinctive design element that enhances its visual appeal. This thoughtful detail makes it a striking choice for contemporary spaces. Exclusively available in a 2.5" aperture size, it features a sleek and streamlined profile with the option of a flush or regressed diffuser.

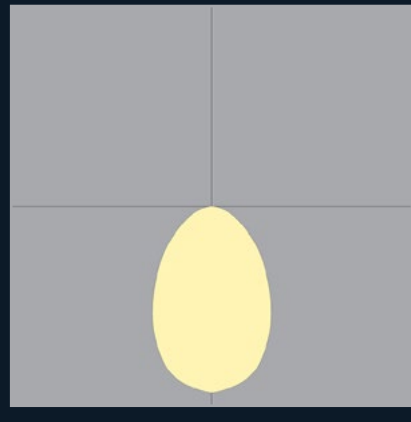
BOOK CURVE OPTICS

Direct



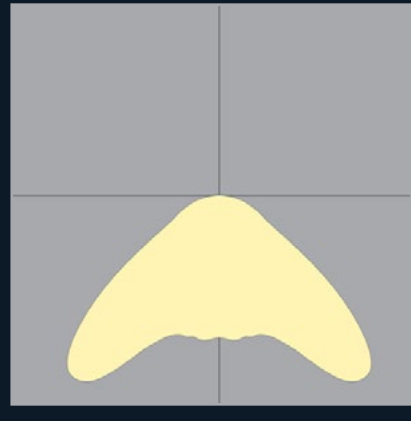
Book Curve Regressed Comfort:

A comfort-focused diffuser designed to deliver soft and uniform light, creating a welcoming and glare-free environment. This solution is perfect for spaces that demand consistent, soothing illumination, ensuring visual ease and enhancing the overall lighting experience.



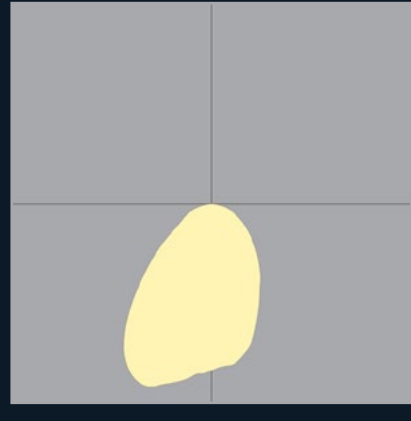
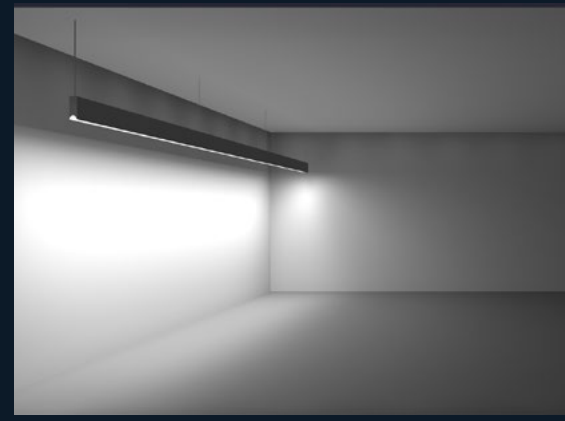
Book Curve Flush Comfort:

A comfort-focused diffuser with a slightly wider beam, crafted to deliver soft, uniform lighting that creates a warm, glare-free environment. Perfect for spaces needing consistent and soothing illumination, it also offers the added benefit of the flush diffuser's enhanced performance.



Book Curve Flush Batwing:

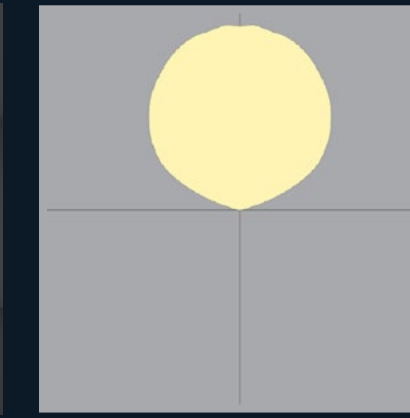
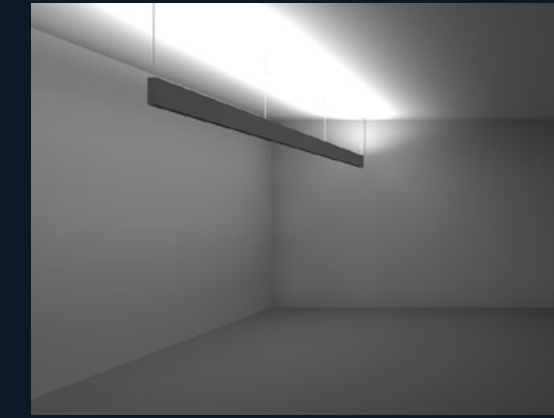
Delivers a 105° beam, distributing light downward toward the floor and reducing the number of fixtures. This creates balanced, ambient lighting, ideal for classrooms, offices, and workspaces.



Book Curve Flush Asymmetric:

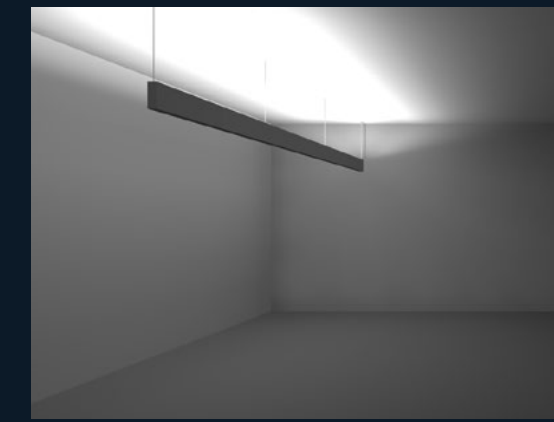
Offers precise lighting for targeted areas, perfect for perimeter lighting, wall washing, and accent lighting. For indirect use, it directs light at an angle to enhance walls and add spaciousness, ideal for indirect wall washing and highlighting architectural features.

Indirect



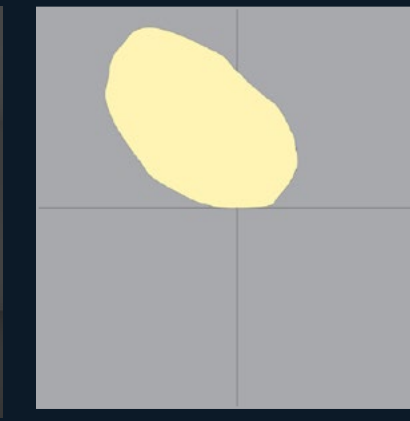
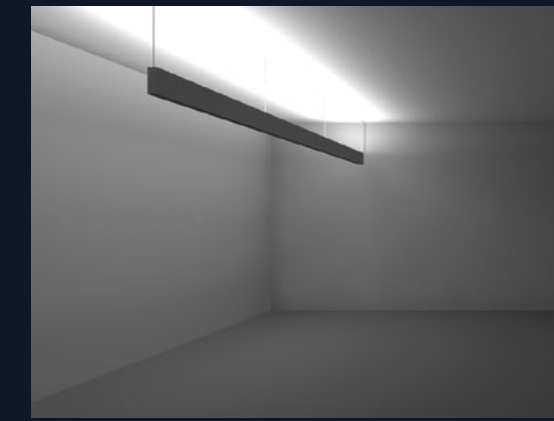
Diffused:

The opal diffuser for indirect lighting ensures smooth and even light distribution, reducing ceiling glare and enhancing ambient brightness. Perfect for creating a welcoming atmosphere with gentle, reflected light.



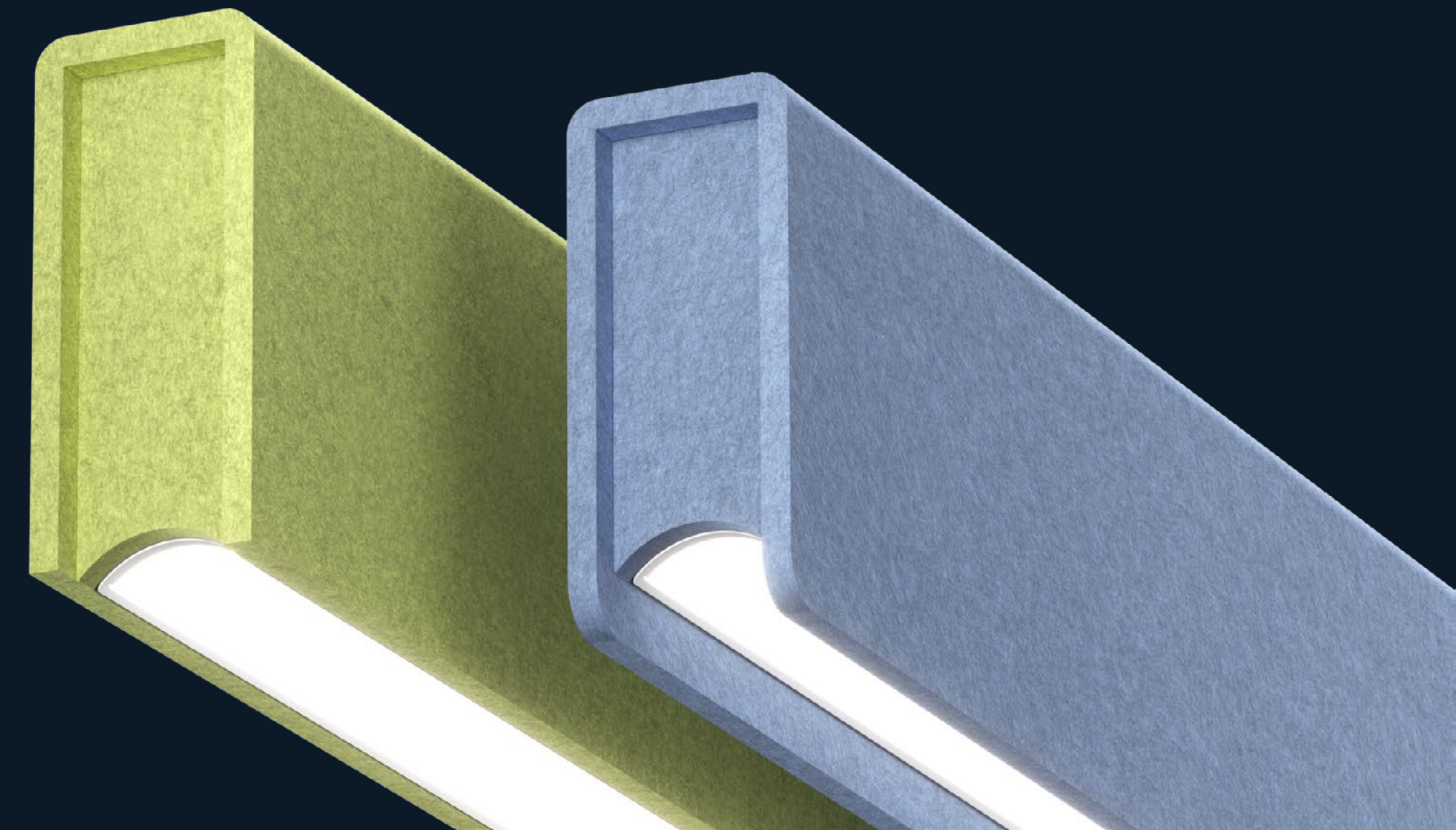
Batwing:

Delivers a 120° beam, distributing light upward toward the ceiling and reflecting it back into the space. This creates balanced, glare-free ambient lighting, ideal for classrooms, offices, and workspaces.



Asymmetric:

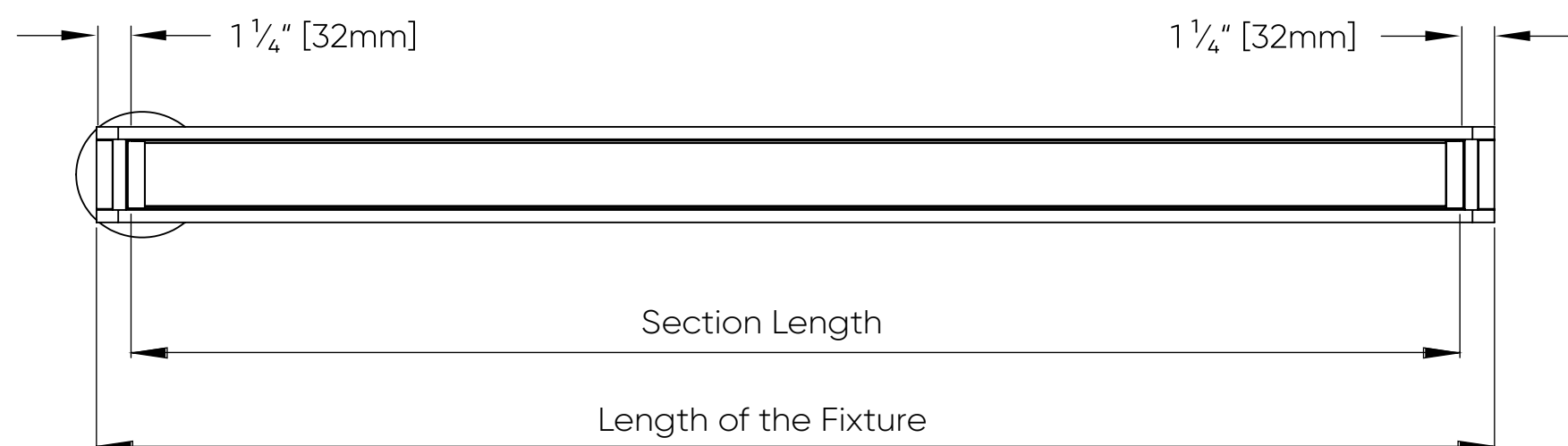
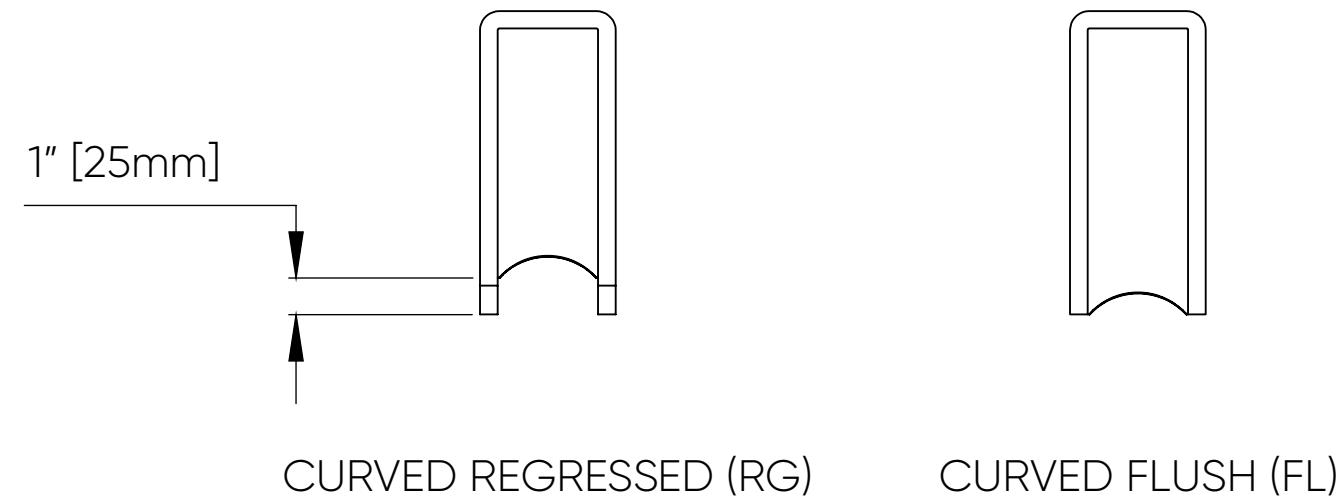
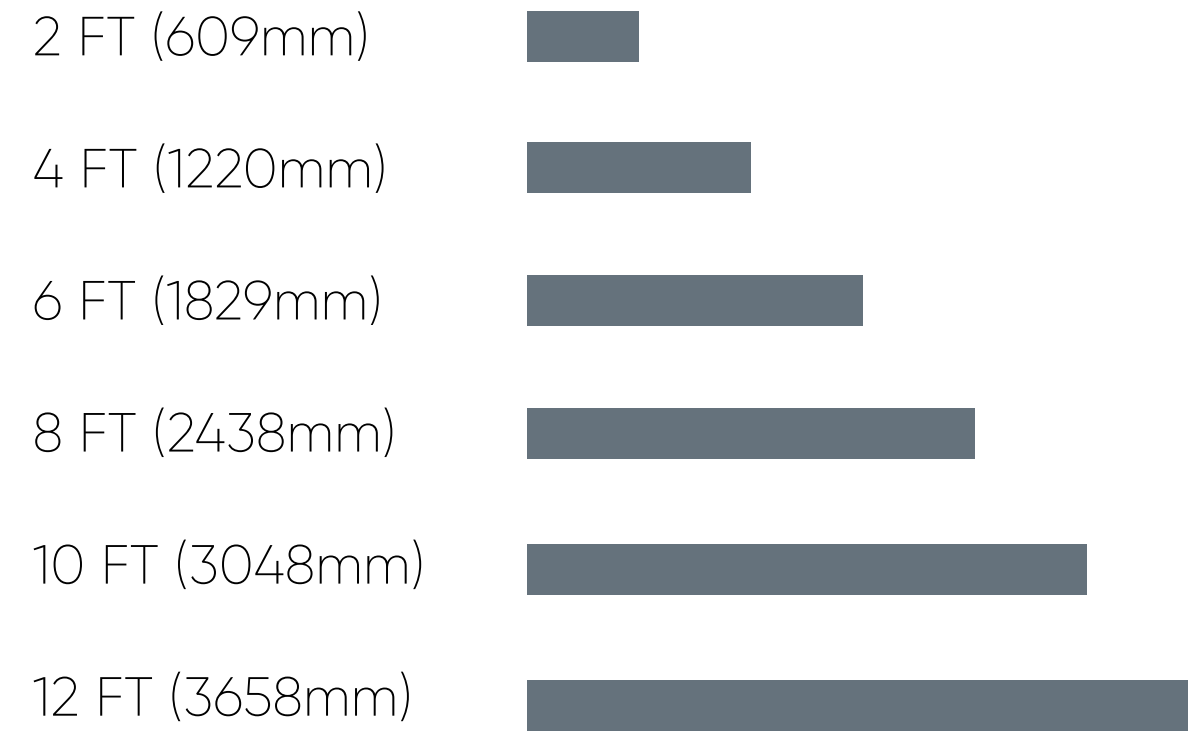
The asymmetric optic directs angled light to enhance walls, create spaciousness, and deliver balanced, dynamic effects—ideal for highlighting architectural elements.



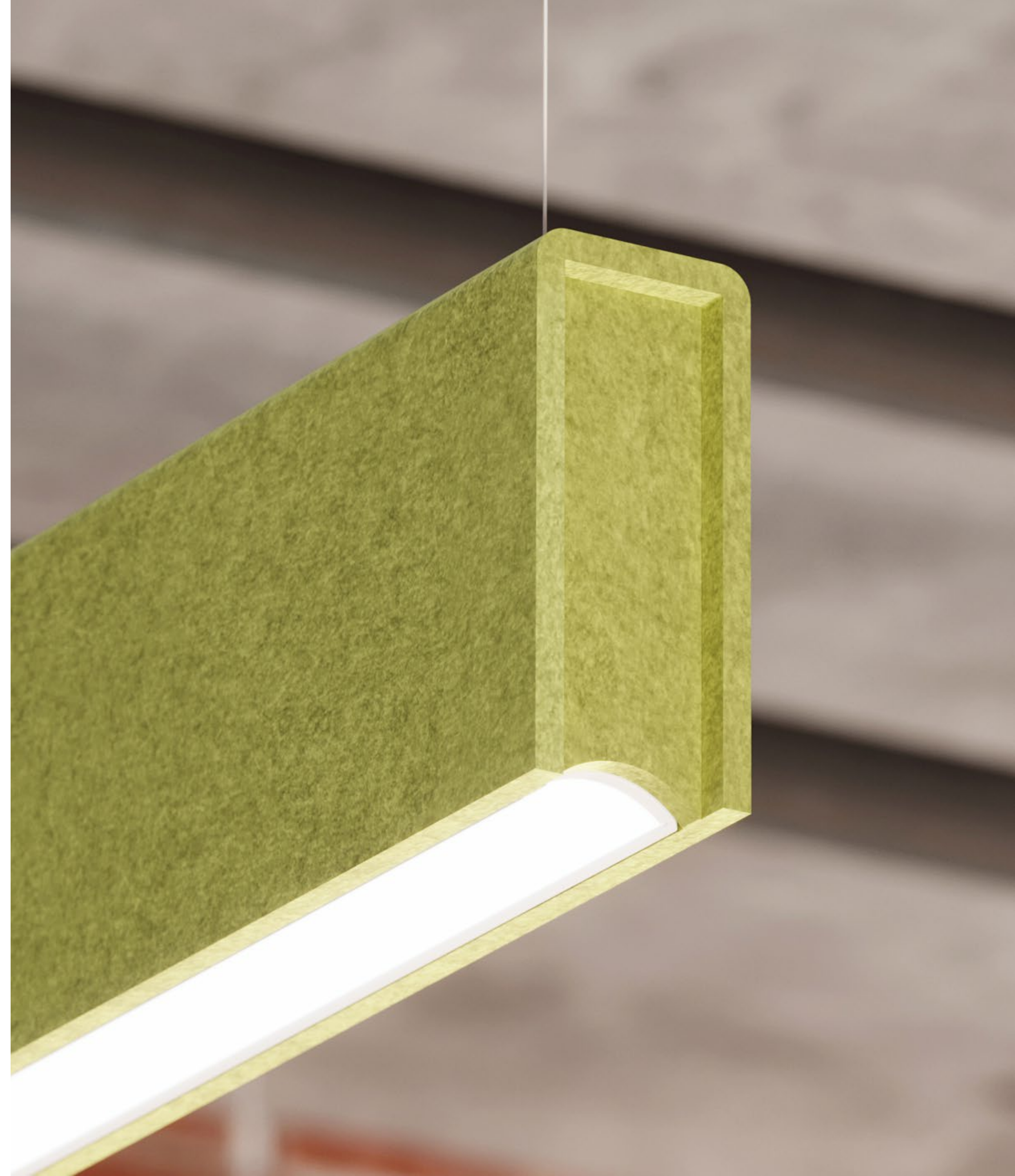
DIMENSIONS

BOOK CURVE can be configured as a continuous run up to 50ft on a single circuit. Start with a minimum length of 2ft and add increments of 2ft.

Section Lengths



| Section Length | Length of the Fixture |
|----------------|-----------------------|
| 2FT | 26 1/2" [673mm] |
| 4FT | 50 1/2" [1282mm] |
| 6FT | 74 1/2" [1892mm] |
| 8FT | 98 1/2" [2501mm] |
| 10FT | 122 1/2" [3111mm] |
| 12FT | 146 1/2" [3721mm] |





TECHNICAL SPECIFICATIONS

Lumen packages:

Direct: 200 LM/FT to 1400 LM/FT
Indirect: 200 LM/FT to 1200 LM/FT

CCT:

2700K, 3000K, 3500K, 4000K, RGBW, BIOS, Tunable White

CRI:

80+ or 90+

Light Distribution:

Direct:

Diffused (all variations), Widespread, Asymmetric (Book FL only)

Indirect:

Batwing, Diffused, Asymmetric

Circuits:

Single & Dual

Emergency:

Integral

Emergency generated circuit

Dimming (Integral Drivers):

0-10V Dimming to 1.0% and 0.1%

Dali Dimming to 1.0% 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.

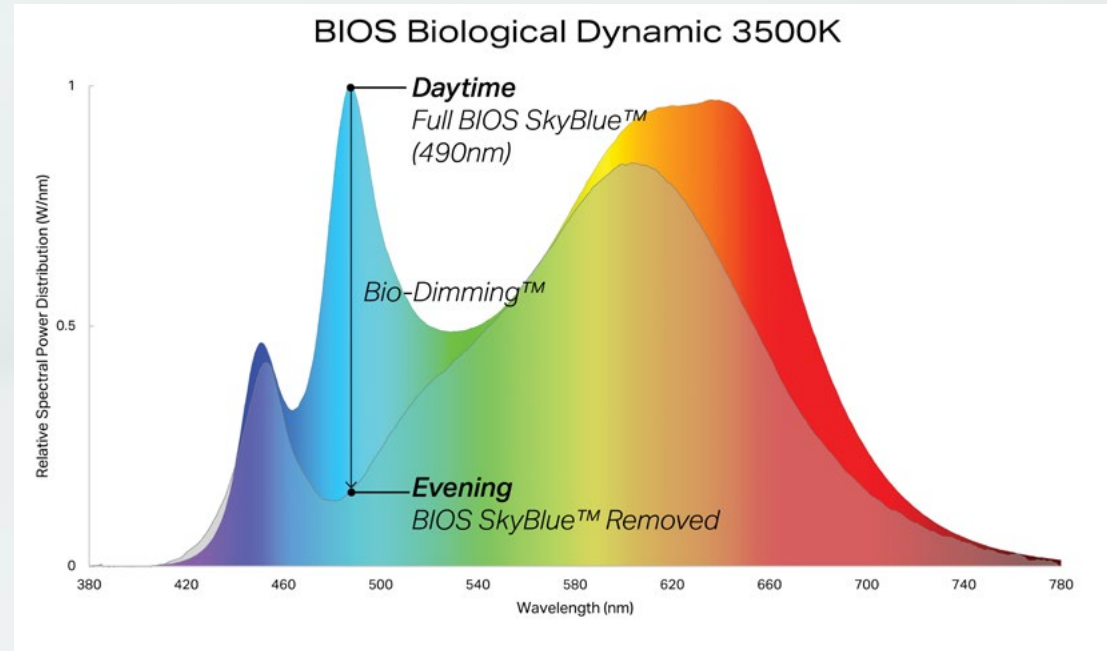
Boost Health and Wellness with Circadian Lighting

Modern living confines building occupants to artificial lighting for 90% of their time. While functional, it lacks the vital circadian signals present in natural sunlight. This disconnect disrupts the internal clock, impacting various aspects of occupant health, including alertness, mood, sleep quality, and even long-term well-being.



Introducing BOOK Linear with BIOS SkyBlue™ Integration

BIOS SkyBlue represents a groundbreaking advancement in lighting technology which can be integrated with the BOOK linear collection. It incorporates the essential blue-sky signals (490nm) that the human body relies on to maintain a healthy circadian rhythm, promoting well-being and aligning indoor lighting with natural light cycles.



BENEFITS OF INTEGRATED CIRCADIAN LIGHTING

Enhanced Circadian Regulation

BIOS SkyBlue promotes healthier sleep-wake cycles for building occupants, leading to improved overall health and well-being.

Increased Alertness and Productivity

Experience sharper focus and a more energized workday for occupants.

Elevated Mood

Foster a positive and productive work environment with a boost in occupant emotional well-being.

Improved Sleep Quality

BIOS SkyBlue can help occupants fall asleep more easily and achieve a more restful night's sleep.

UNCOMPROMISING QUALITY FOR BUILDING SUCCESS

BIOS SkyBlue prioritizes exceptional quality without compromise, ensuring optimal performance and occupant comfort.

Industry-Leading Melanopic Ratios

Delivers optimal circadian stimulation at comfortable color temperatures (3000K, 3500K, 4000K).

Brilliant Color Rendering

Maintains exceptional visual comfort with a CRI of 80+ and R9>90.

Simple and Flexible Controls

Single-channel dimming offers seamless compatibility with 0-10V, wireless controls, and even 2-channel systems for easy integration into existing building management systems.

WELL Building Standard™ Compliance

Contributes to achieving WELL certification for projects, signifying a commitment to creating healthier spaces.



FOSTERING WELL-BEING IN EVERY SPACE

Offices

Boost employee focus, productivity, and energy levels throughout the day, creating a more dynamic and positive workplace.

Educational Institutions

Enhance students' concentration and learning by encouraging healthy sleep-wake patterns and sharper cognitive abilities.

Healthcare Facilities

Foster a healing atmosphere for both patients and staff by improving sleep quality, reducing stress, and enhancing overall wellness.

Senior Living Facilities

Elevate residents' sleep quality and daytime alertness, contributing to their overall well-being and life satisfaction.

Retail Spaces

Craft a more engaging shopping experience for customers by enhancing alertness and fostering positive emotions.

BOOK with integrated circadian lighting offers a groundbreaking approach to lighting. Embrace the science of natural light and unlock the potential for a healthier, more productive built environment.



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 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

Original Issue Date: 2023

MANUFACTURER RESPONSIBLE FOR LABEL ACCURACY
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

