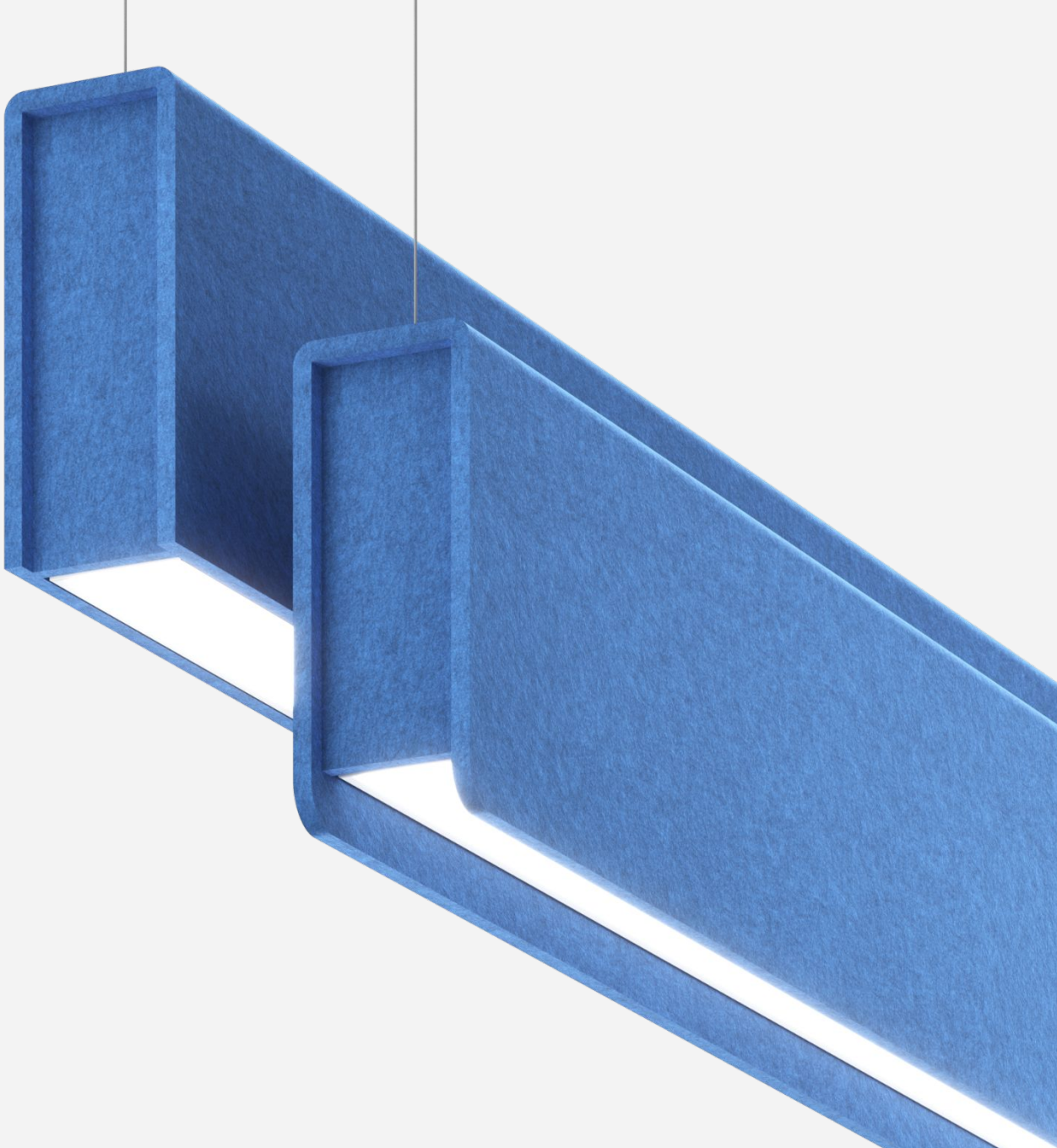
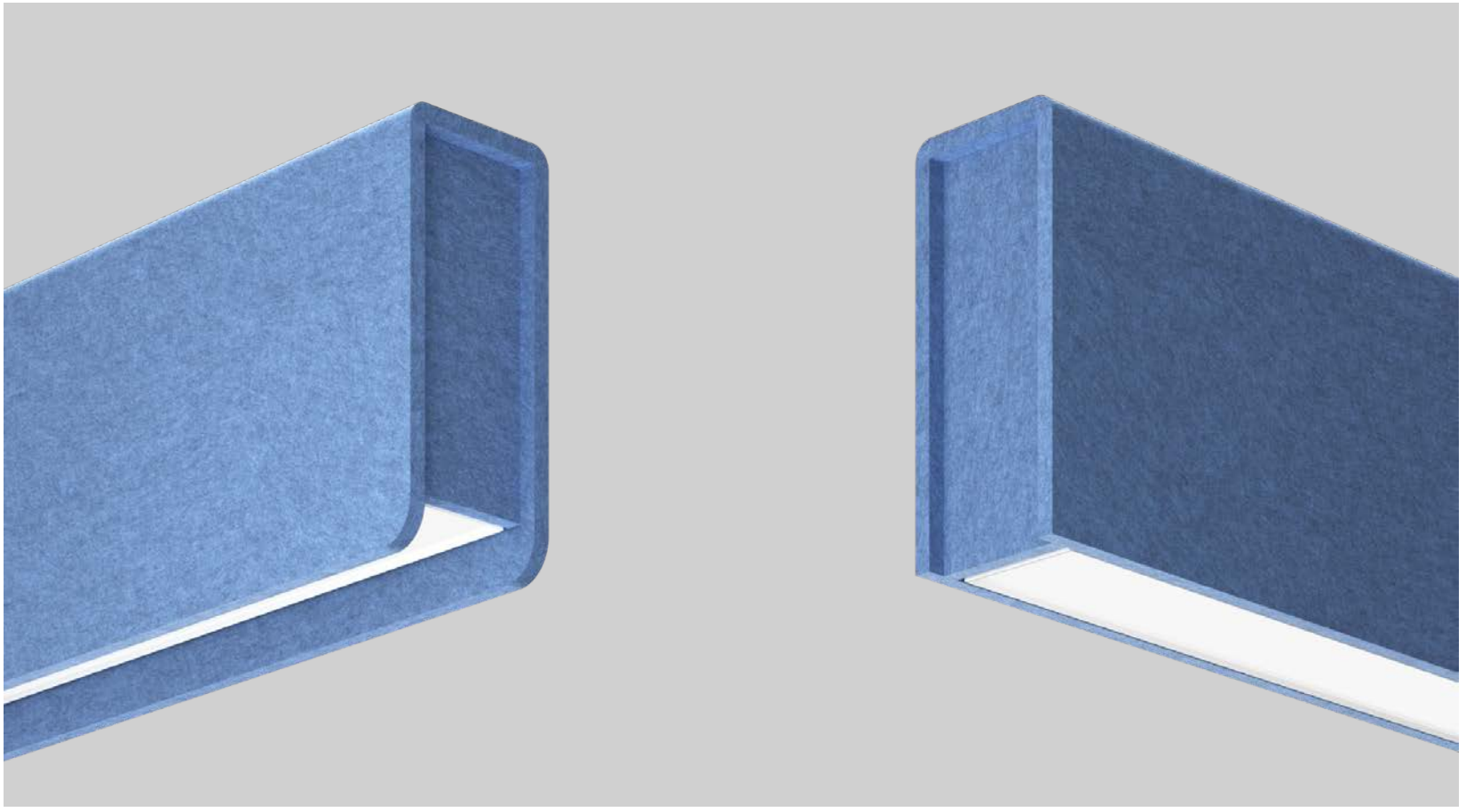


B O O K

One of the dimensions of human-centric design is to minimize the effects of noise pollution by incorporating sound-absorbing materials and fixtures including acoustic lighting.

BOOK comes in 2 styles. Book, with a regressed diffuser & Book II featuring a flush diffuser

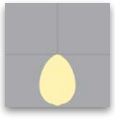


BOOK

(REGRESS)

BOOK II

(FLUSH)



Diffused:

Diffused acrylic resin that minimizes visual defects. Exceptional light transmission while providing visual comfort. *(BOOK and BOOK II)*.

Batwing:

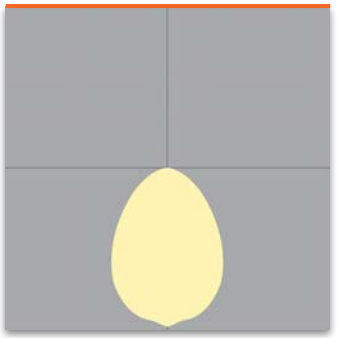
Wider light coverage with 120º beam. Effective for ambient illumination with fewer fixtures required. *(BOOK only)*.

Asymmetric:

Skews the light for specific functions such as brightening up a wall and adds to the ambient light. *(BOOK only)*.

Note: *Book comes with Diffused lens only due to its regressed positioning.*

DIRECT DIFFUSED (DD3)



LUMENS/FT

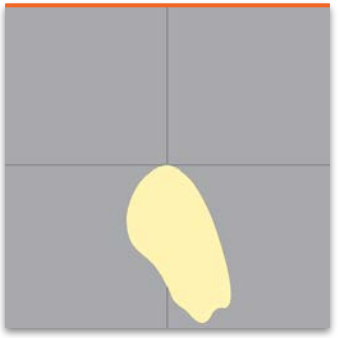
1400
1200
1000
800
600
400
200

DIRECT BATWING (DD2)

LUMENS/FT

1400
1200
1000
800
600
400
200

DIRECT ASSYM (DD1)



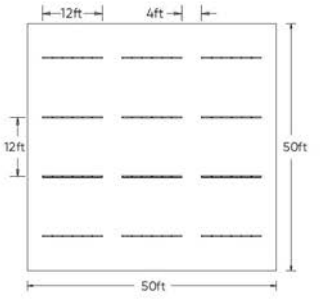
LUMENS/FT

1400
1200
1000
800
600
400
200

- OPEN PLAN OFFICE SPACE

  Batwing diffuser option with 800 lms/ft direct

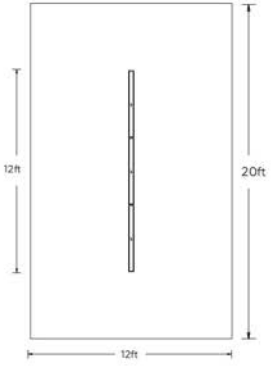
Room size:	50’ x 50’	Workplane 30” above finished floor (fc level)	53
Ceiling height:	10’	Workplane uniformity max to min	1.1:1
Luminaire mounting height:	8’ 5”	Watt sq/ft	0.45
Reflectances:	80/50/20		
Light loss factor:	1.0		



- CONFERENCE ROOM

  Batwing Diffuser option with 800 lms/ft direct

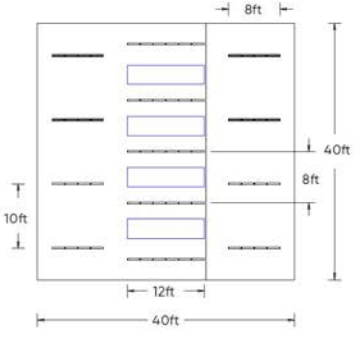
Room size:	20’ x 12’	Workplane 30” above finished floor (fc level)	43
Ceiling height:	10’	Watt sq/ft	0.39
Luminaire mounting height:	8’ 5”		
Reflectances:	80/50/20		
Light loss factor:	1.0		



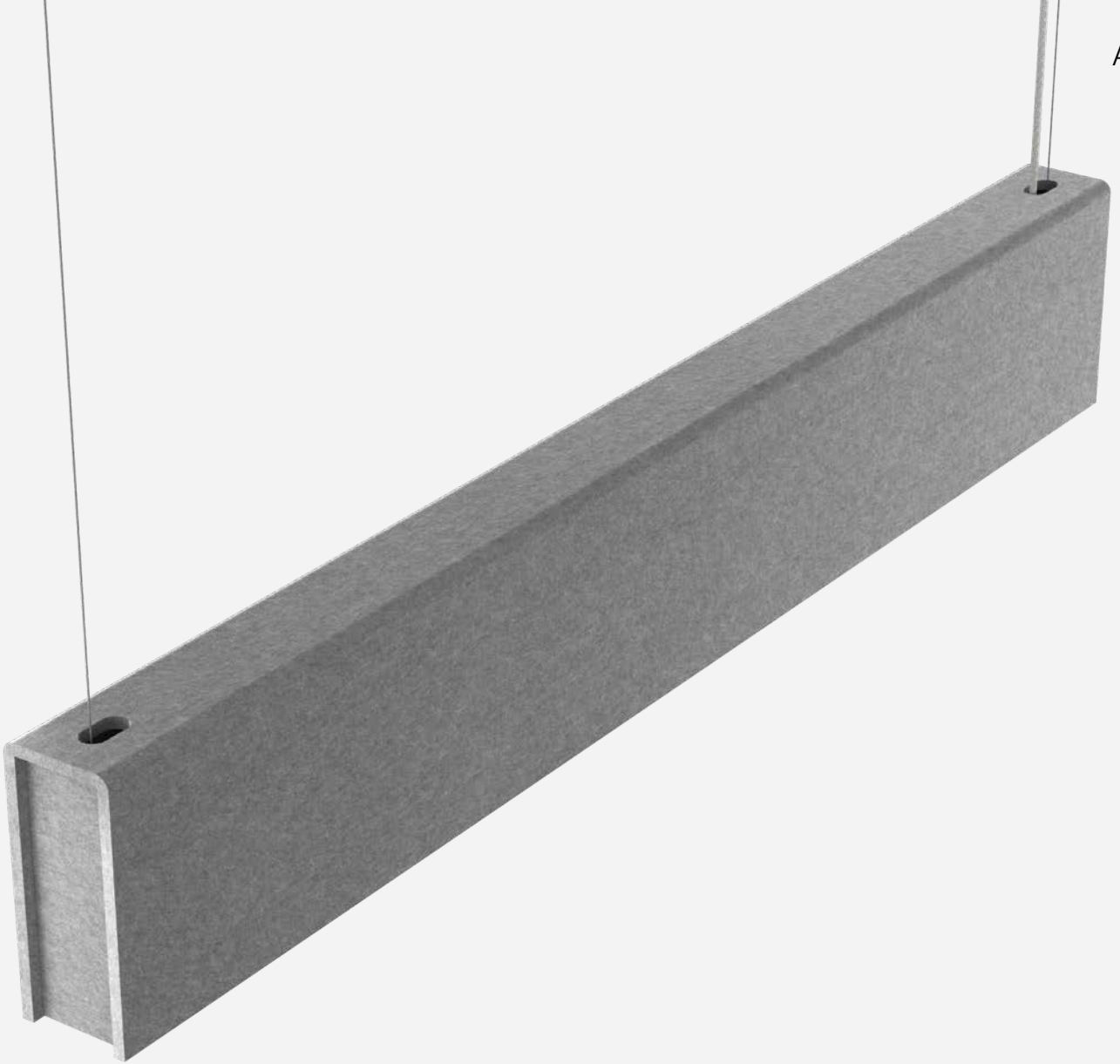
- LIBRARY

  Batwing diffuser option over reading area with 800l lms/ft direct and Diffused light diffuser with 400 lms/ft direct in book stack area

Room size:	40’ x 40’	Reading area Workplane 30” above finished floor (fc level)	46
Ceiling height:	12’	Workplane uniformity max to min	1.2:1
Book Stack height:	5’	Illuminance on book stacks	23
Luminaire mounting height:	8’	Watt sq/ft	0.45
Reflectances:	80/50/20		
Light loss factor:	1.0		



AERIAL VIEW

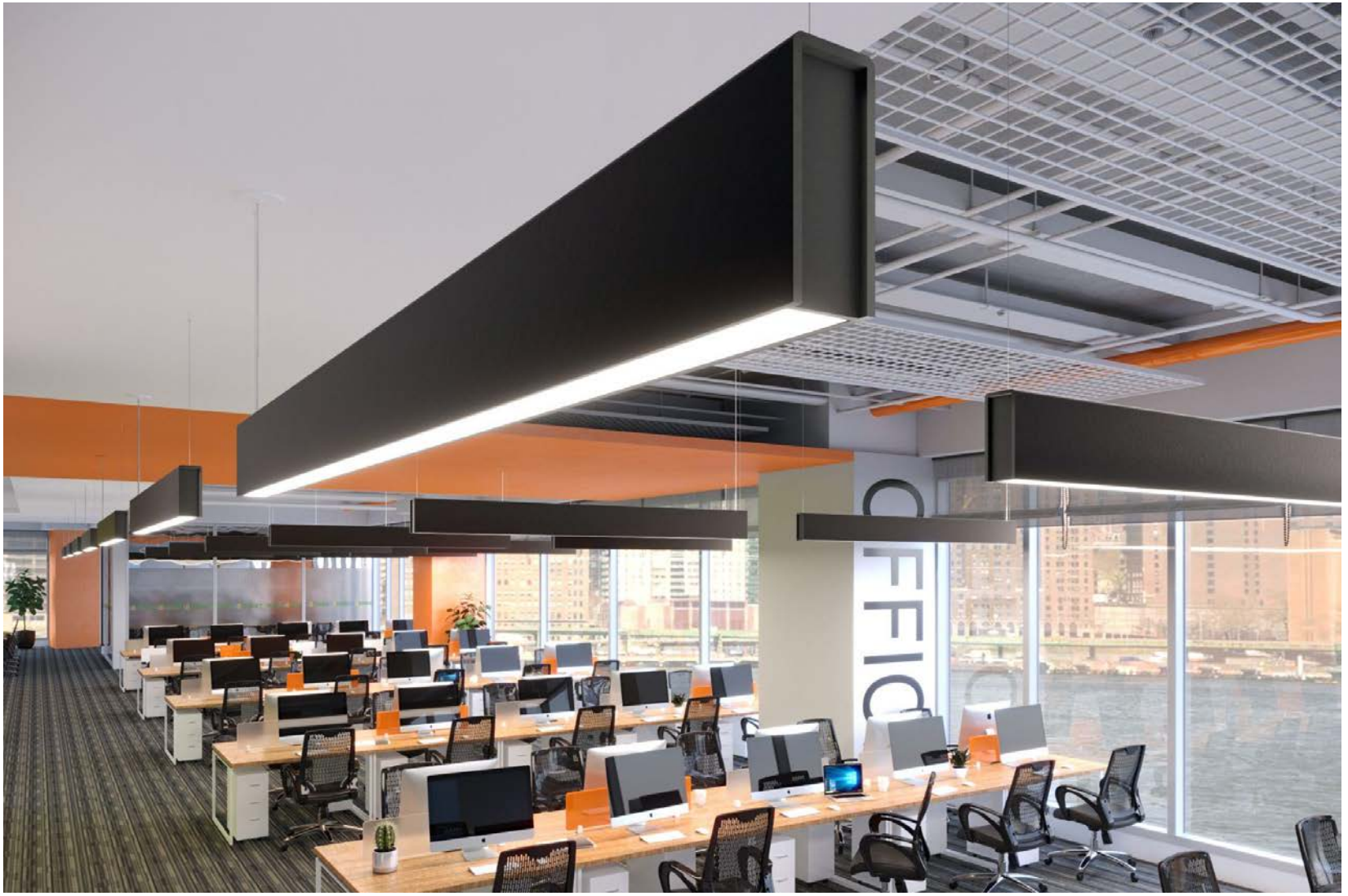


Each fixture comes with **2 Suspension Points.**

Acoustic lighting is effective for absorbing echoes in spaces where focus is essential.

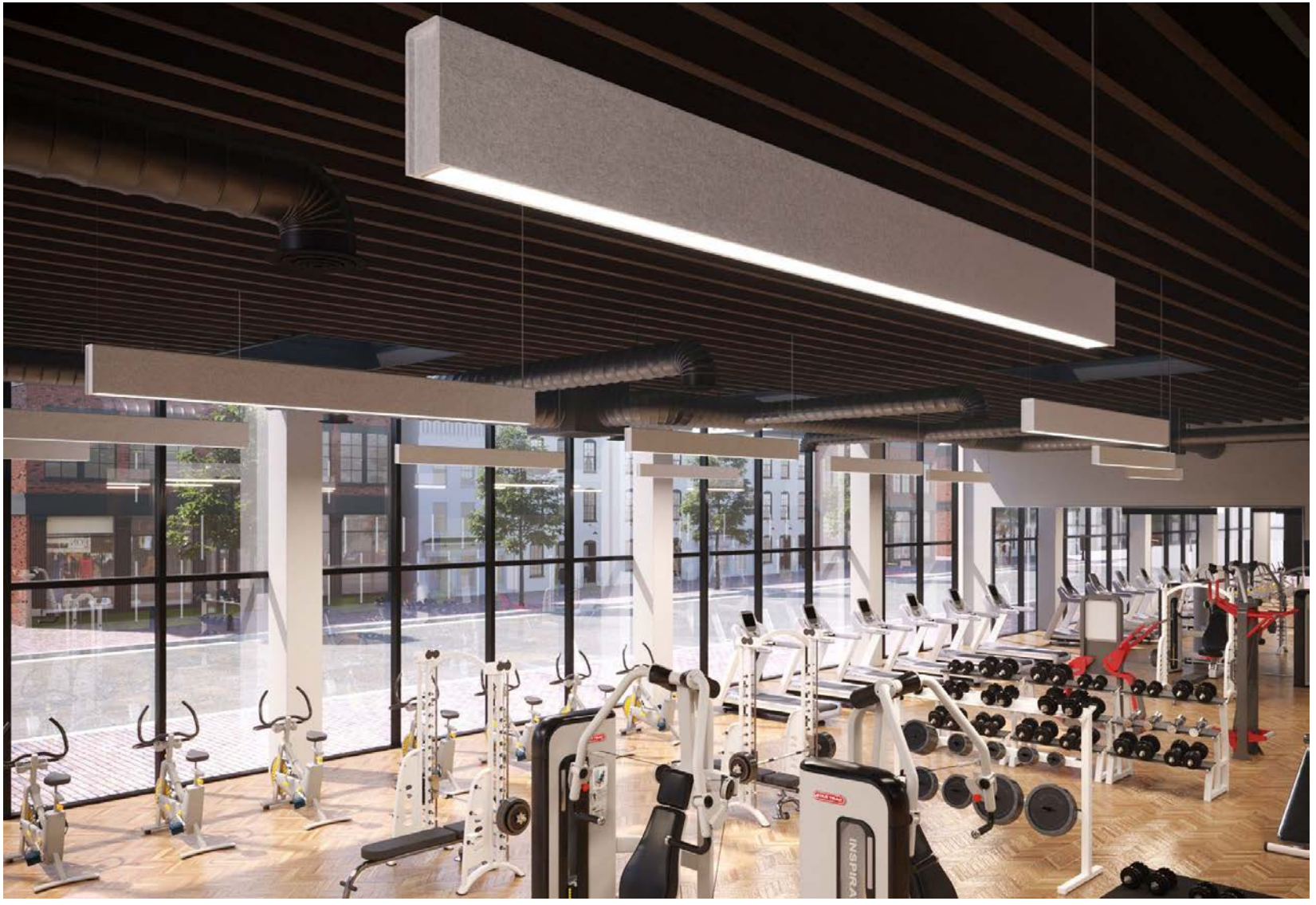
BOOK's diffused lens combined with regressed positioning adds extra visual comfort by reducing glare.

With the batwing optic's 120° beam, luminaires can be spaced further apart.



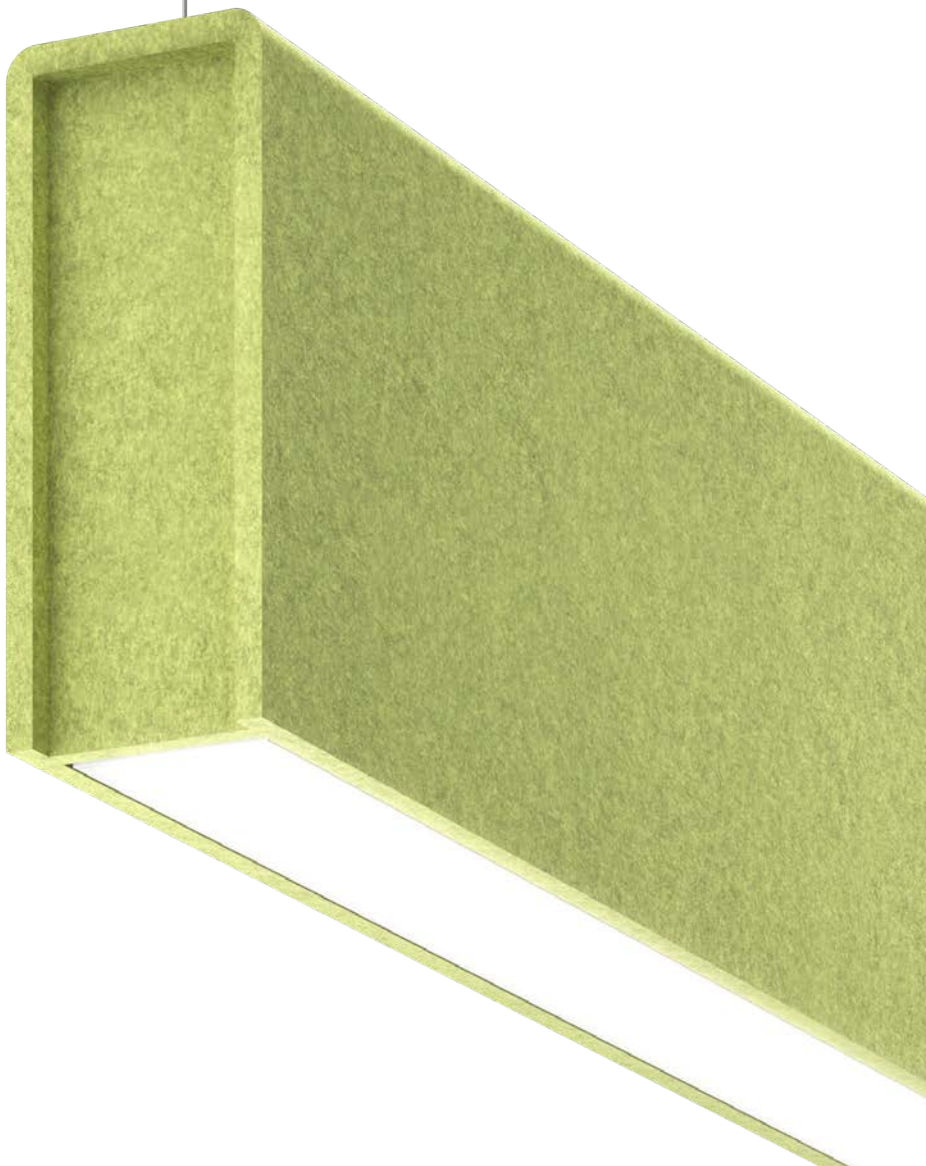
BOOK II

BOOK II offers two-in-one functionality, combining light performance with sound comfort.



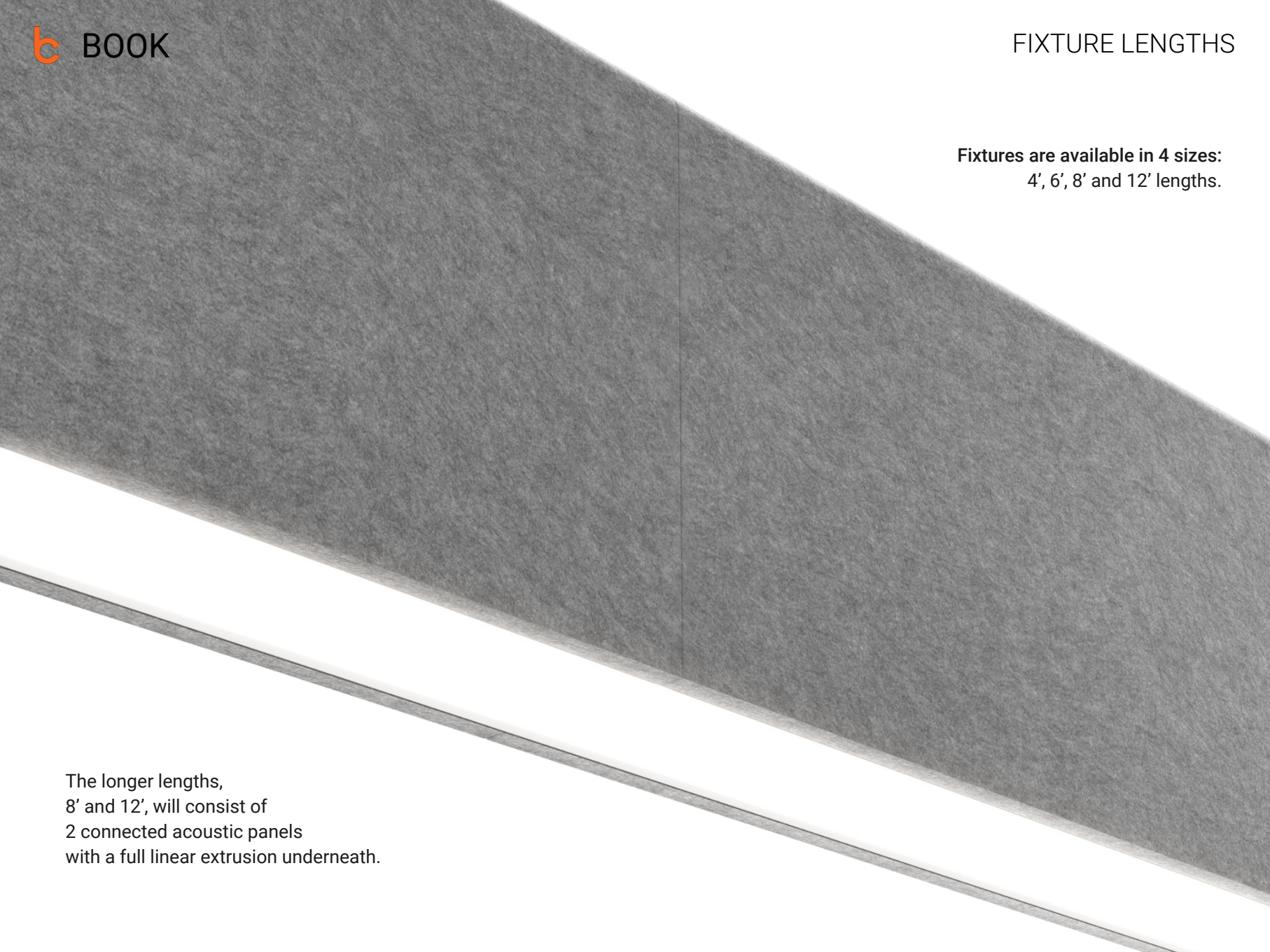
PERFORMANCE SPECIFICATIONS

- Direct
- Lumen packages ranging from 200 to 1000 LPF
- CCT of 3000K, 3500K or 4000K
- CRI 90+
- Dimming options include:
  - 0-10V Dimming @ 1% and 0.1%
  - Dali Dimming @ 1% and 0.1%
  - PoE (Power Over Ethernet)
  - DSI/switchDim
  - All dimming is remote mount
- Suspension system options:
  - Hard ceiling
  - Grid ceiling
- Emergency system - Integral
- IoT sensors available for all major control brands



FIXTURE LENGTHS

Fixtures are available in 4 sizes:
4’, 6’, 8’ and 12’ lengths.



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

Power over Ethernet (PoE) is a technical standard whereby electrical power is transmitted over a hard internet connection via ethernet cables instead of electrical wiring. The technology allows intelligent buildings to fully integrate and centrally control building devices such as alarm systems, security cameras, telephones, printers, and LED lighting. Beta-Calco offers a full line up of PoE enabled luminaires for your PoE infrastructure.

BENEFITS of PoE

CONVENIENCE

Ethernet can transmit both power and data which facilitates the integration of multiple devices including LED luminaires into the network infrastructure. This allows lighting fixtures to be installed where main power is not available and take advantage of the pre-existing network. Centralized control and administration makes troubleshooting and power management easier.

COST EFFECTIVENESS

PoE presents cost savings in the time, equipment, and labour involved in installing electrical power. Troubleshooting luminaires does not require a qualified electrician and is managed by the network. The convenience of network accessibility means that lighting can be installed where it is too difficult, thus costly, to install power lines.

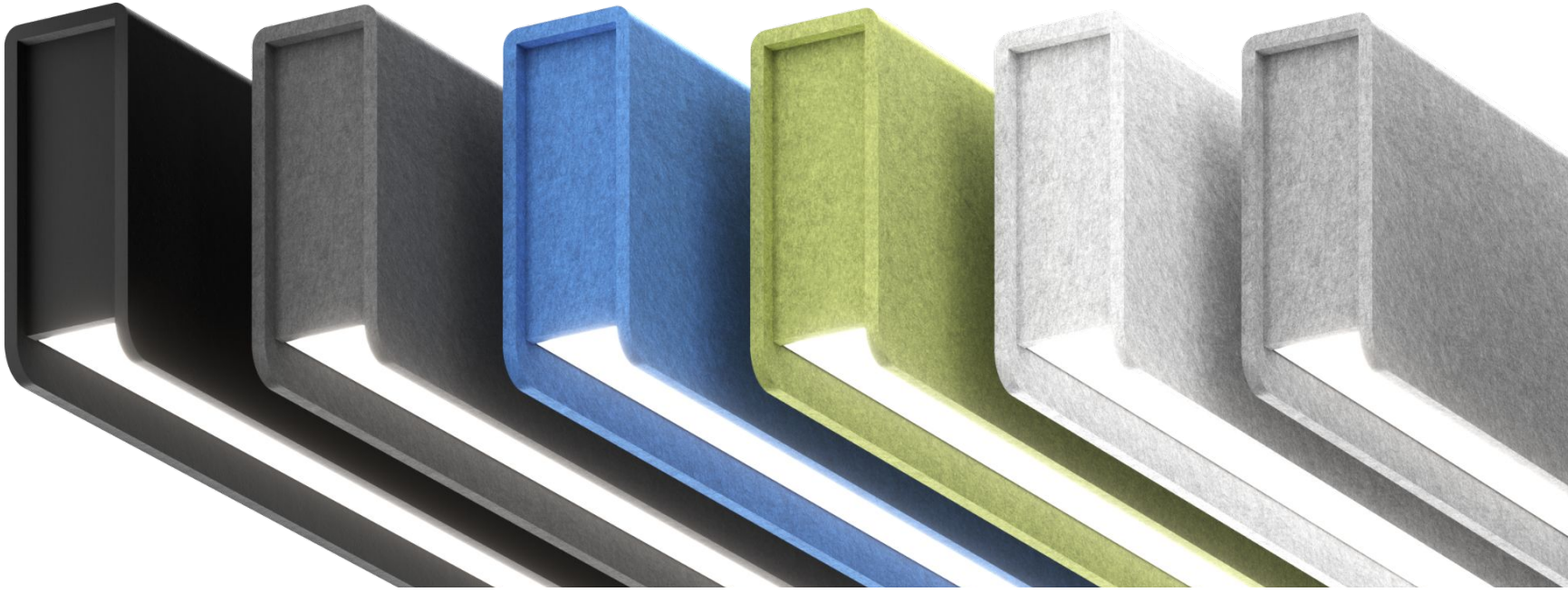
FLEXIBILITY

The scalability of network technology provides the flexibility of installing lighting anywhere in a building. Expanding the number of luminaires in a space is significantly easier, as well as repositioning should the architecture change during construction. The flexibility to reposition fixtures provides ease of adapting the lighting to changes in space layout.

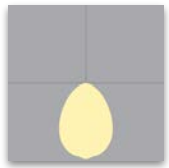
SIMPLICITY

Installation of network connections is much simpler than electrical. The absence of electrical wires means a more organized wiring closet, making troubleshooting of connections more efficient. Central administration of PoE makes power and energy management easier and more effective.

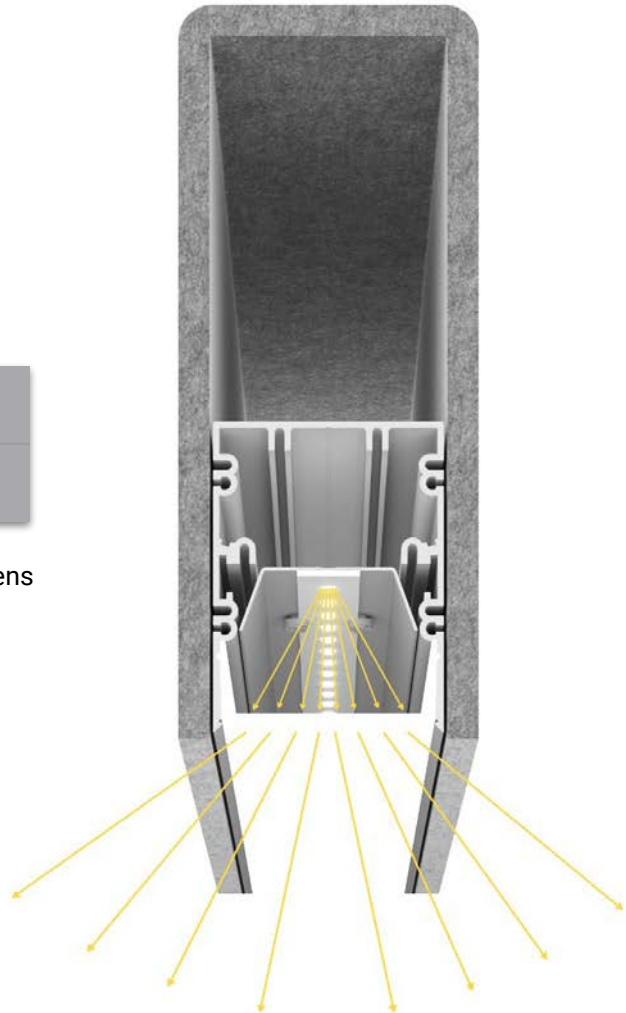
ACOUSTIC PANEL FINISHES



- **Black** (AP27)
- **Sesame Gray** (AP26)
- **Deep Sky Blue** (AP33)
- **Apple Green** (AP13)
- **White** (AP04)
- **Light Gray** (AP11)



Diffused Lens



Injection molded diffuser provides precise optical control limiting glare from the luminaire

NCR Rating:	0.80.
Class A Fire Rating:	ASTM E-84 material.
Material:	100% Polyester fiber (PET), minimum of 75% recycled material.
Thickness:	12mm (0.5”).
Density:	2300gsm (190KG/M3).
Features:	Non-toxic, non-allergenic, non-irritant.

About **Beta-Calco.**

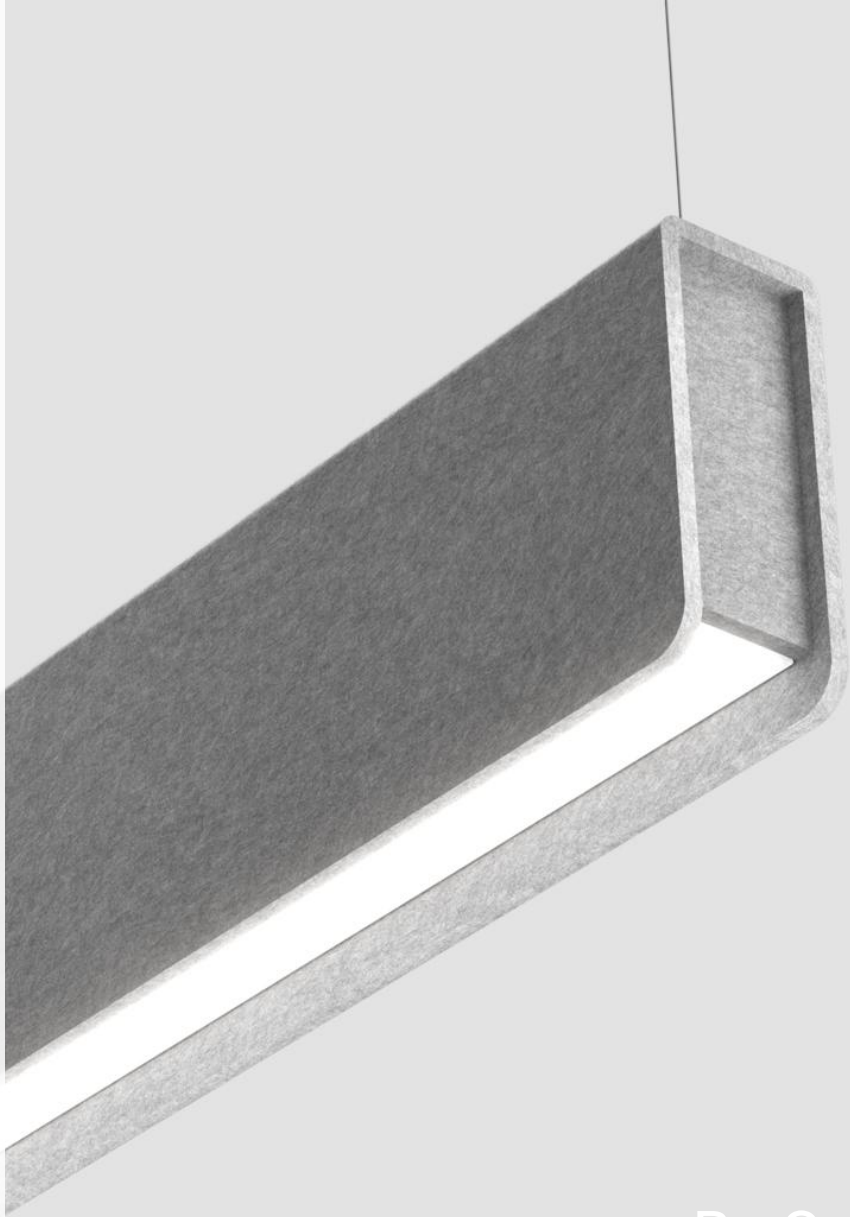
With a company history dating back to 1941, Beta-Calco is a North American lighting manufacturer that has championed producing luminaires with a European design flare, utilizing the most recently developed light sources.

Our craftsmanship produces the highest quality luminaires where aesthetic design and technical performance complement and enhance the environments in which our products are featured.

In close partnership with architects, lighting designers and engineers, we have established ourselves as one of the key suppliers of architectural and decorative commercial lighting in the markets we serve.

betacalco.com

sales@betacalco.com



B O O K