



*hush.  
acoustics*  
Lighting  
Spec Document



Check the product page

*Quiet by Design*



LightBeam · Dusk & Sage on Haze Core · Office



Fusion Light · Sand Wood Grain & Concrete · Office

# Lighting

Transform your space with Hush's Lighting options, meticulously designed to illuminate with elegance and enhance acoustic absorption.

## PRODUCT SPECIFICATIONS

|                   |                                                                                                        |
|-------------------|--------------------------------------------------------------------------------------------------------|
| Composition       | 100% PET (Polyethylene Terephthalate);<br>60% recycled material                                        |
| Thickness         | 12mm                                                                                                   |
| Product Placement | Hanging                                                                                                |
| NRC               | 0.65 - 0.85<br><i>Acoustical test result according to the ASTM<br/>C423-17, available upon request</i> |
| Fire Rating       | CAN/ULC-S102 Class A<br>ASTM E84 Class A                                                               |
| Sustainability    | 100% Recyclable                                                                                        |
| Warranty          | 2 Year Limited                                                                                         |

## FUNGAL RESISTANT

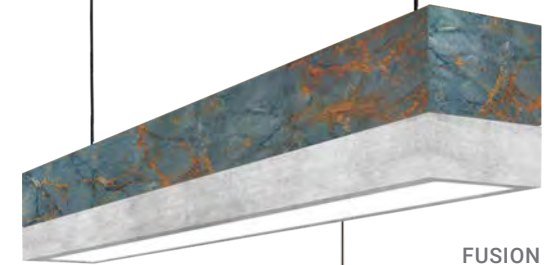
Independently tested by EMSL Canada, Hush P.E.T. felt showed zero mold growth under ASTM C1338 laboratory conditions, confirming exceptional durability.

## WARRANTY

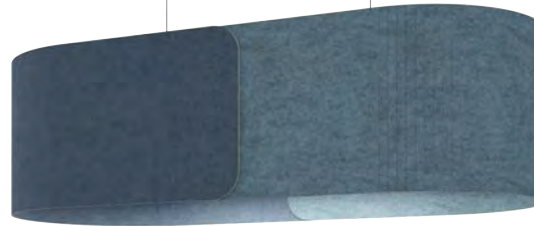
2 year limited warranty. See F.A.Q. page on our website for more information.



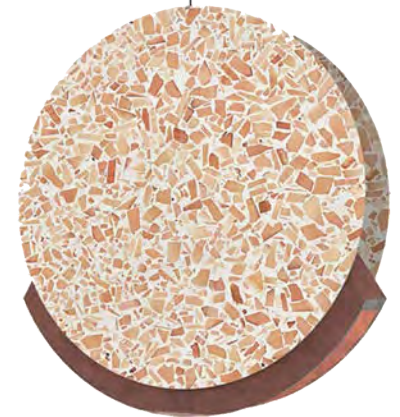
LIGHTBEAM



FUSION



COCOON



LUNA

# Lighting

## GREENGUARD® GOLD CERTIFICATION

Hush Acoustics has achieved full GreenGuard® Gold sustainability certification, a mark of excellence that ensures our products meet strict standards for low chemical emissions, promoting healthier indoor air quality.

## SUSTAINABILITY

Manufactured from 100% PET (60% recycled material), our felt products demonstrate our commitment to both environmental stewardship and functional design, contributing to a greener and quieter future. It comprises of flame-retardant fiber as new material ensuring ASTM E84 class A certification. The high strength of PET panels in comparison to its weight is the key to its superior energy efficiency.

## LIGHT INFORMATION

### Cocoon/Fusion/LightBeam

White Aluminum Light Housing

Hardwire only  
(90" of chord supplied)

LED: Continuous Illumination  
Dimmer option available

Voltage: 120V  
(347V option available)

Available up to 96" long

Light Temperature: 3000K  
2700K, 3500K, 4000K, 5000K available

Lumens: 2040

c-CSA-us Certified

### Luna

White Plastic Light Housing

Plug-in Ready

LED: Single Bulb  
Bulb Base: E26

Voltage: 120V

Power Chord 72" long

Light Temperature: 3500K  
2700K, 3000K, 4000K, 5000K available

In-Chord Power Switch

UL Standard, CSA Certified

Please Note: All Light products have a 12mm acoustic shade

## COMPLIMENTARY DOCUMENTATION



Ceiling Hardware  
Install Guide



Felt  
Maintenance Guide



Flame  
Spread

See Resource Hub page on website for more documentation



# Lighting

\* Custom sizes available upon request

## COCOON

| <i>mm</i>        | <i>inches</i>    |
|------------------|------------------|
| 1600 x 790 x 600 | 41.7 x 31 x 23.6 |
| 1800 x 790 x 600 | 70.9 x 31 x 23.6 |

## LUNA

|                 |                   |
|-----------------|-------------------|
| 400 x 400 x 140 | 15.7 x 15.7 x 5.5 |
| 600 x 600 x 140 | 23.6 x 23.6 x 5.5 |

## FUSION

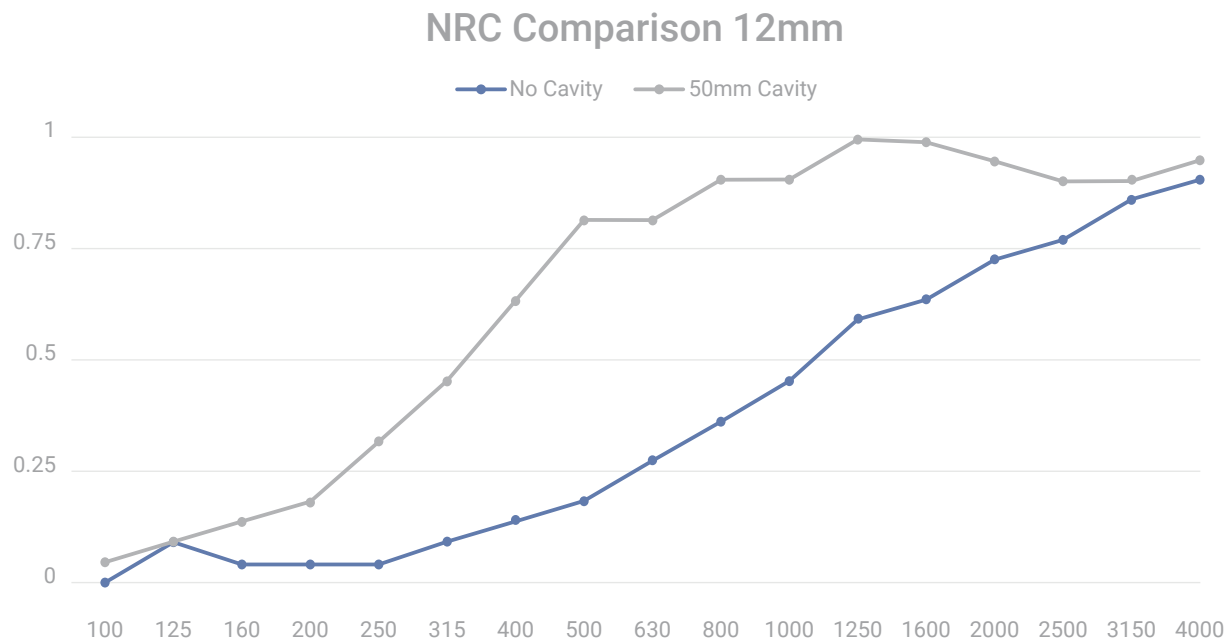
|                  |                 |
|------------------|-----------------|
| 1400 x 300 x 230 | 55 x 11.8 x 9   |
| 2000 x 300 x 230 | 78.7 x 11.8 x 9 |

## LIGHTBEAM

| <i>mm</i>        | <i>inches</i>   |
|------------------|-----------------|
| 1200 x 100 x 150 | 47.2 x 4 x 5.9  |
| 1200 x 100 x 250 | 47.2 x 4 x 9.8  |
| 1500 x 100 x 150 | 59.1 x 4 x 5.9  |
| 1500 x 100 x 250 | 59.1 x 4 x 9.8  |
| 1800 x 100 x 150 | 70.9 x 4 x 5.9  |
| 1800 x 100 x 250 | 70.9 x 4 x 9.8  |
| 2400 x 100 x 150 | 94.5 x 4 x 5.9  |
| 2400 x 100 x 250 | 94.5 x 4 x 9.8  |
| 2700 x 100 x 150 | 106.3 x 4 x 5.9 |
| 2700 x 100 x 250 | 106.3 x 4 x 9.8 |

# Lighting

## NOISE REDUCTION COEFFICIENT COMPARISON • COCOON, LUNA, & FUSION

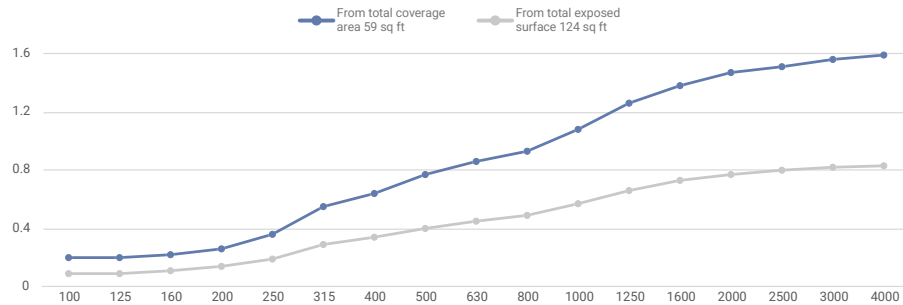


Full NRC comparison available upon request

# Lighting

## NOISE REDUCTION COEFFICIENT COMPARISON • *LIGHTBEAM*

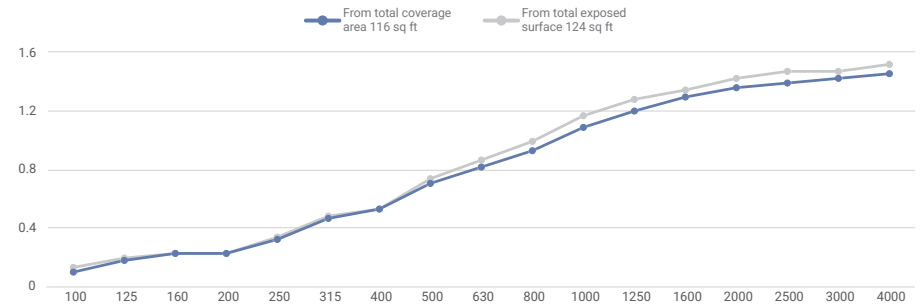
Beams NRC Comparison for 94.5"x84"x7.9" OC-12 [2400x2133x300mm OC-305mm]



| Frequency (Hz) | From Total Coverage Area 59 sq ft | From Total Exposed Surface 124 sq ft |
|----------------|-----------------------------------|--------------------------------------|
| 100            | 0.20                              | 0.09                                 |
| 125            | 0.20                              | 0.09                                 |
| 160            | 0.22                              | 0.11                                 |
| 200            | 0.26                              | 0.14                                 |
| 250            | 0.36                              | 0.19                                 |
| 315            | 0.55                              | 0.29                                 |
| 400            | 0.64                              | 0.34                                 |
| 500            | 0.77                              | 0.40                                 |
| 630            | 0.86                              | 0.45                                 |
| 800            | 0.93                              | 0.49                                 |
| 1000           | 1.08                              | 0.57                                 |
| 1250           | 1.26                              | 0.66                                 |
| 1600           | 1.38                              | 0.73                                 |
| 2000           | 1.47                              | 0.77                                 |
| 2500           | 1.51                              | 0.80                                 |
| 3150           | 1.56                              | 0.82                                 |
| 4000           | 1.59                              | 0.83                                 |

|     | From Total Coverage Area 59 sq ft | From Total Exposed Surface 124 sq ft |
|-----|-----------------------------------|--------------------------------------|
| NRC | 0.90                              | 0.50                                 |

Beams NRC Comparison for 94.5"x84"x7.9" OC-12 [2400x2133x300mm OC-609mm]



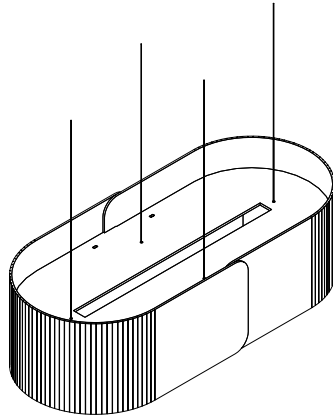
| Frequency (Hz) | From Total Coverage Area 116 sq ft | From Total Exposed Surface 124 sq ft |
|----------------|------------------------------------|--------------------------------------|
| 100            | 0.06                               | 0.08                                 |
| 125            | 0.11                               | 0.12                                 |
| 160            | 0.14                               | 0.14                                 |
| 200            | 0.14                               | 0.14                                 |
| 250            | 0.20                               | 0.21                                 |
| 315            | 0.29                               | 0.30                                 |
| 400            | 0.33                               | 0.33                                 |
| 500            | 0.44                               | 0.46                                 |
| 630            | 0.51                               | 0.54                                 |
| 800            | 0.58                               | 0.62                                 |
| 1000           | 0.68                               | 0.73                                 |
| 1250           | 0.75                               | 0.80                                 |
| 1600           | 0.81                               | 0.84                                 |
| 2000           | 0.85                               | 0.89                                 |
| 2500           | 0.87                               | 0.92                                 |
| 3150           | 0.89                               | 0.92                                 |
| 4000           | 0.91                               | 0.95                                 |

|     | From Total Coverage Area 116 sq ft | From Total Exposed Surface 124 sq ft |
|-----|------------------------------------|--------------------------------------|
| NRC | 0.55                               | 0.55                                 |

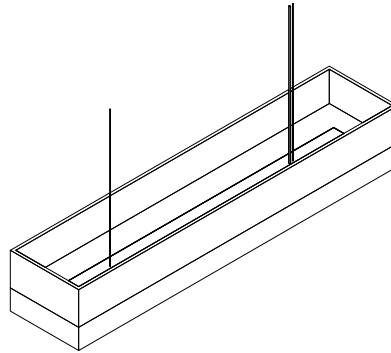
# Lighting

## HOW TO SPECIFY

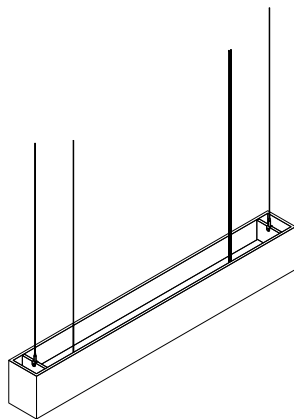
### 1. Select Design



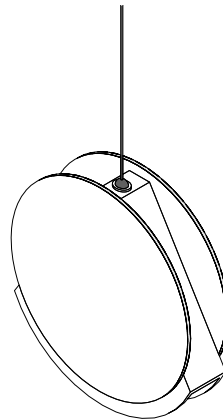
Cocoon Light



Fusion Light



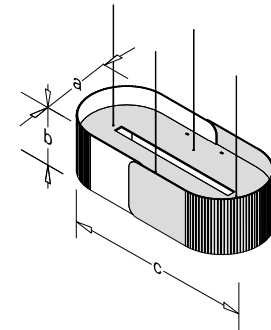
LightBeam



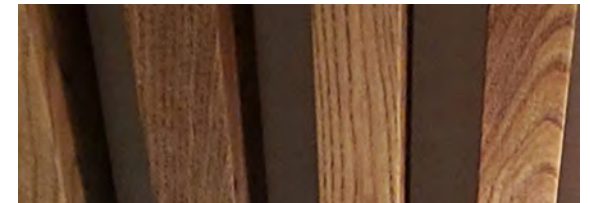
Luna Light

### 2. Select Size

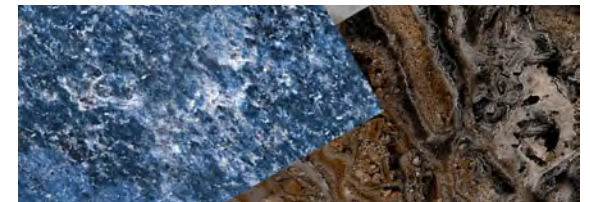
See [page 5](#) for full size chart



### 3. Select Colour



Wood Grains



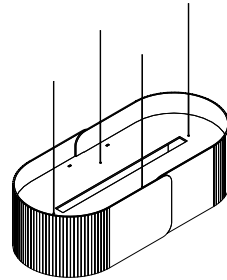
Concrete & Stone Grains

# Lighting

## INSTALLATION INSTRUCTIONS

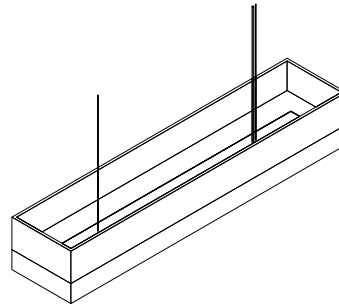
### Cocoon Light

Pages 8 -9



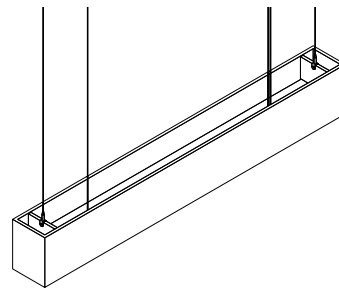
### Fusion Light

Page 10



### LightBeam

Page 11

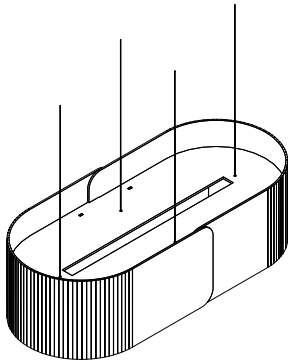


Luna Light does not require any assembly prior to installation. Please refer to the Ceiling Hardware Install Guide, using the QR code on page 4, for the hanging instructions

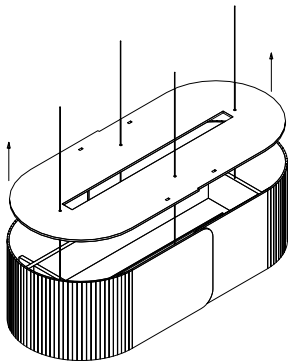
# Lighting

## INSTALLATION INSTRUCTIONS · COCOON LIGHT

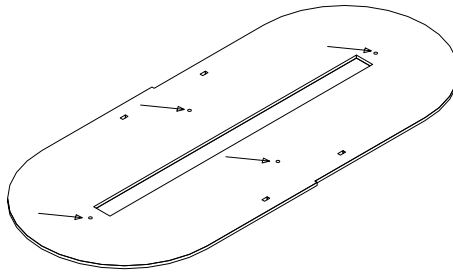
1. Place the Cocoon light-shade on a clean level surface.



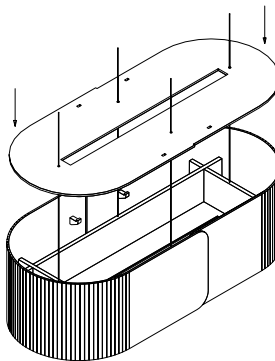
2. Remove the upper back panel from the light-shade.



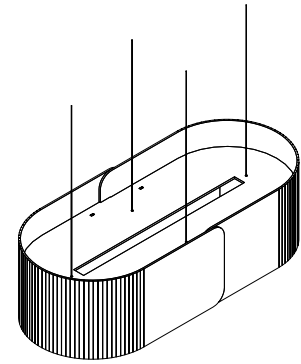
3. Using the four circles on the upper back panel as a template, install your Ceiling Hardware. (Refer to the Ceiling Hardware Install Guide document).



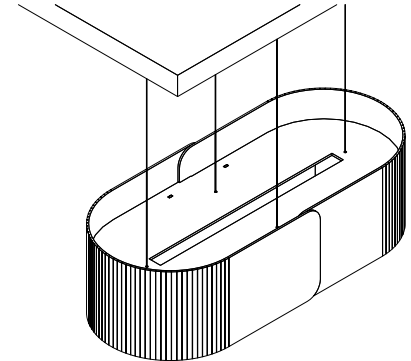
4. Place the upper back panel back onto the light-shade.



5. Ensure that the back panel is firmly seated onto the four location blocks.



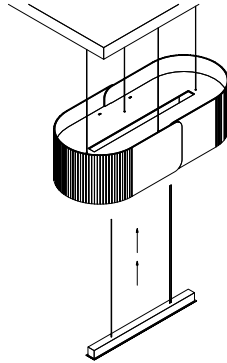
6. Attach the light-shade cables to the ceiling hardware. Suspend the Cocoon light-shade at the desired height.



# Lighting

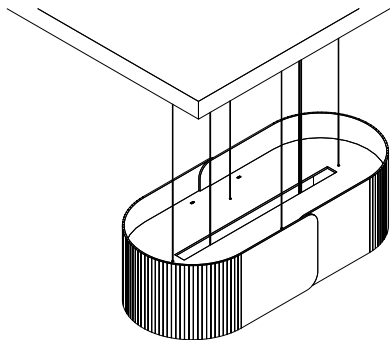
## INSTALLATION INSTRUCTIONS · COCOON LIGHT (CONT.)

7. Insert the LED light unit into the underside of the light-shade, ensure that all the cables and the electrical wire are brought through the light-shade using the large rectangle cut-outs.

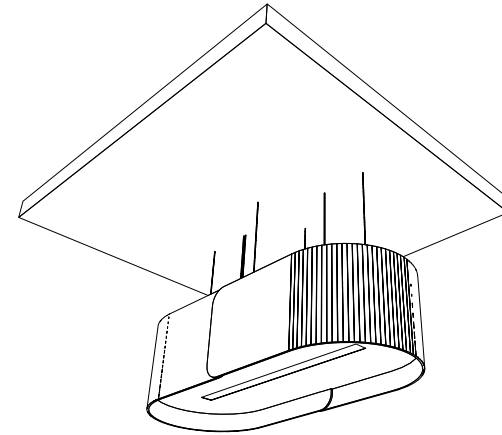


8. Whilst supporting the weight of the LED light unit, secure the light unit suspension points to the ceiling using the Ceiling Hardware.

*(Please refer to the Ceiling Hardware Install Guide, using the QR code on page 4, for the final steps).*



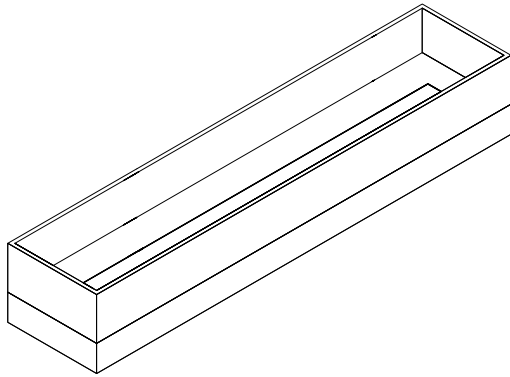
9. Now, have a certified electrician connect the LED light to the power source, according to electrical codes and standards required for your region. Once the electrical connection is complete, your Cocoon light is complete and ready for use.



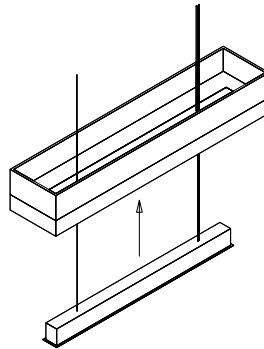
# Lighting

## INSTALLATION INSTRUCTIONS · FUSION LIGHT

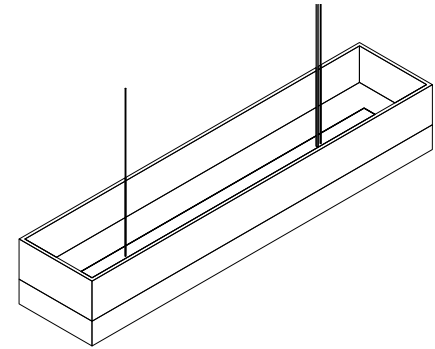
1. Locate Fusion with the cut-out on the underside.  
The size of the cut-out will be the same size as the body of the LED light unit.



2. Insert the LED light unit into the underside of Fusion. Now secure the hardware to the ceiling at your desired height.  
*(Please refer to the Ceiling Hardware Install Guide, using the QR code on page 4, for the final steps).*



3. Now, have a certified electrician connect the LED light to the power source, according to electrical codes and standards required for your region. Once the electrical connection is complete, your Fusion is complete and ready for use.

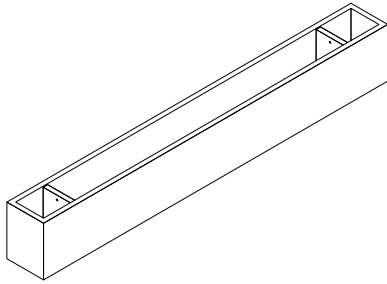


# Lighting

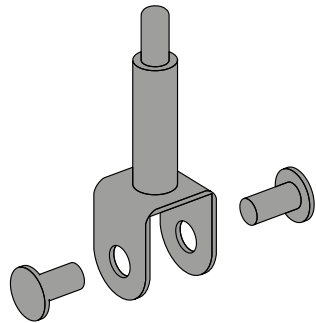
## INSTALLATION INSTRUCTIONS · LIGHTBEAM

1. Identify the LightBeam with the cut out on the underside. The size of the cut out will be the same size as the body of the LED light unit.

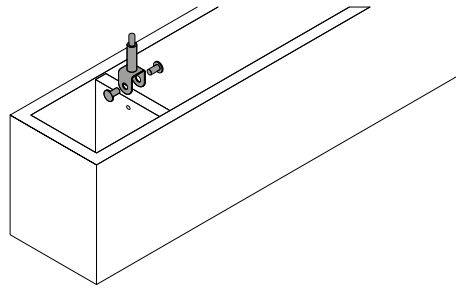
*(Note; the top of the beam will have small holes cut out for the installation hardware).*



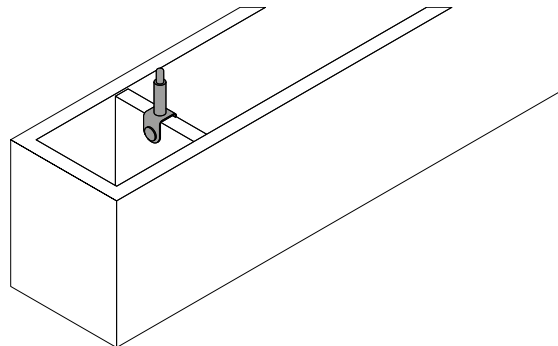
2. Locate the Shoulder-bracket hardware provided.



3. Align the Shoulder-brackets with the small cut out holes on the LightBeam.

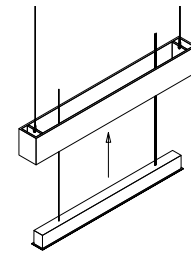


4. Now tighten the bolt hardware.

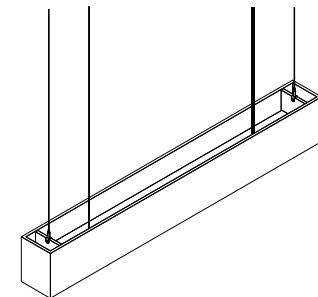


5. Insert the LED light unit into the underside of the Beam. Whilst supporting the weight of the LED light unit, secure the light unit suspension points to the ceiling using the Ceiling Hardware.

*(Please refer to the Ceiling Hardware Install Guide, using the QR code on page 4, for the final steps).*



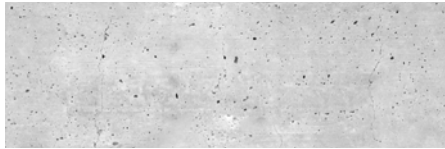
6. Now, have the certified electrician connect the LED light to the power source, according to electrical codes and standards required in your region. Once the electrical connection is complete, your LightBeam is complete and ready for use.



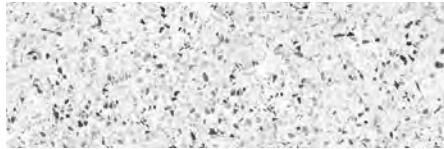
# Colour Options

PLEASE NOTE: The images are only a sampling of the colours. Order a physical colour sample to obtain an accurate representation of our acoustic colours.

## CONCRETE & STONE GRAINS



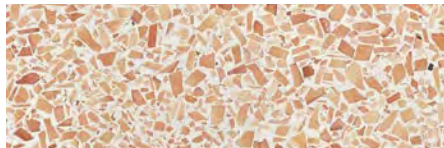
CONCRETE



TERRAZZO GREY



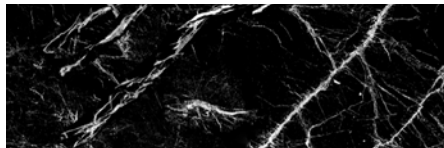
BRECCIA MARBLE



TERRAZZO ORANGE



PANDA MARBLE



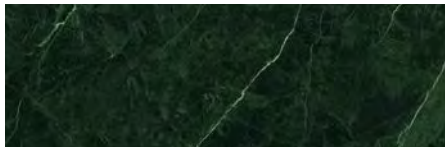
BLACK MARBLE



BLACK AND GOLD GRANITE



GRUNGE MARBLE



GREEN QUARTZ



BLUE GRANITE

## WOOD GRAINS



HONEY PINE



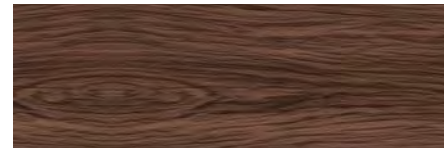
SAND



ANTIQUE OAK



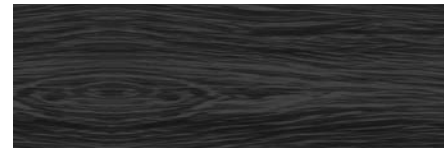
CHERRY



WALNUT



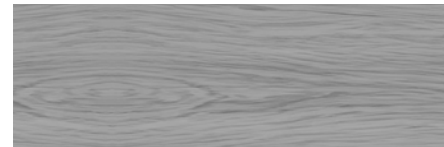
MAHOGANY



BLACK TEAK



ASHWOOD



GREY MAPLE



WHITEMIST

# Colour Options (cont.)

## COLOUR MATCH SERVICES

Can't find the tone you're looking for?

Hush Acoustics' felt Colour Match services enhance architectural projects with rich visuals and tactile appeal, whether for panels, murals, or other design applications. Our felt brings depth and sophistication to any space, offering a customizable and memorable design element that elevates the overall experience.

With advanced equipment, we produce high-resolution, colour-accurate results that capture subtle gradients and find textures, all while maintaining acoustic performance. Every Colour Match is carefully managed by our Senior Graphic Designer to ensure that the final output closely aligns with the designer's original vision.

Commonly Matched Materials (matte finishes only):

### Wall Paints

Dulux, Benjamin Moore, Behr, and other popular brands

### Fabric

From linen to wool, we match not just the colour, but also the texture in most of the cases

### Wood Laminates

WilsonArt and other popular brands

### Pantone® Hues

We simulate your company's brand tones using the Pantone® Uncoated palette

### Stones

We can simulate a wide variety of stone types based on your needs

### Generic Textures

Get in touch with our Acoustic Specialists, we will be glad to assist you

Learn More  
**COLOUR  
MATCH SERVICES**



PLEASE NOTE: The images are only a sampling of the colours. Order a physical colour sample to obtain an accurate representation of our acoustic colours.





Luna Lights · Orange Terrazzo & Papaya on Haze Core · Restaurant

**hush.**  
*acoustics*

Tailored for **Architects,**  
**Interior Designers,** and  
**General Contractors,** we serve  
as a fast, expert, and reliable  
partner for all your project ideas.

## *Quiet by Design*



Proudly Made  
in North America



2 Year  
Limited Warranty



**GreenGuard Gold®  
Certified**  
All Hush products  
exceed GreenGuard  
Gold® indoor air  
quality standards



**Fungal Resistant  
Certified**  
EMSL Canada verified  
zero mold growth  
for Hush P.E.T. felt  
(ASTM C1338).

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**hushacoustics.ca**

