



lumēnear®  
acoustic lighting



In any space, sight and sound are key to our well-being. With its range of sound-absorbing design lights, lumenear seamlessly combines both sensory dimensions.

See it, hear it for yourself.

# Technical lighting



Toad 24



Float round 36



Float oval 48



Float rectangle 52



Halo 62



Line 74



Breeze 82



Column 88



Cloud 96



Cone 104



Sliced 110



Bold 114

# Decorative lighting



Twist 126



Twist floor 134



Macaron 136



Blooom 146



Edge 150



Edge floor 158



JoJo 160



Drop 164



Cage 168



Podge 172



Spott 174



Pyknic 176

# Crafting comfort with lumenear

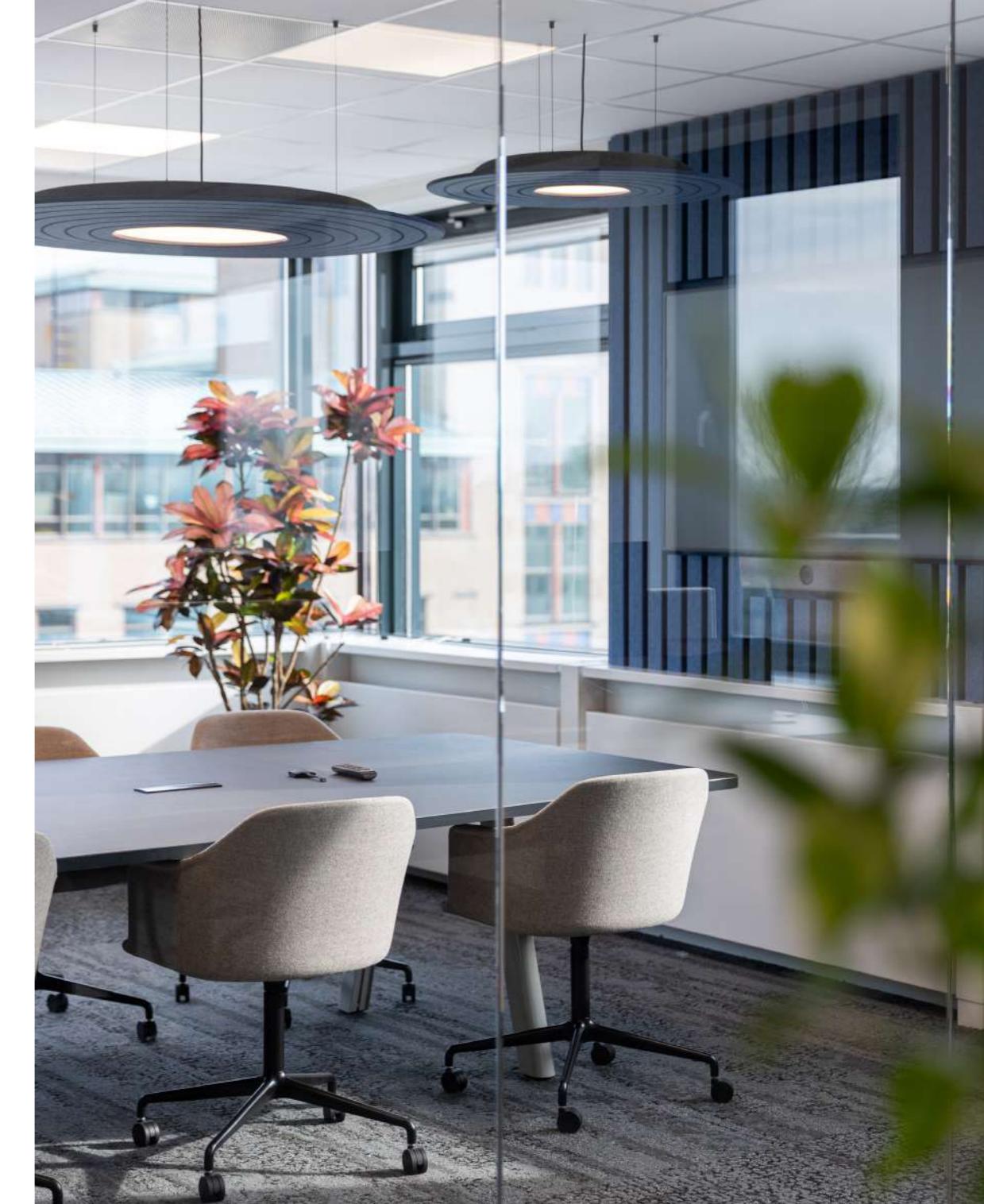
**lumenear's mission is simple yet profound: deliver honest acoustic design lamps that not only enhance the ambiance but also elevate the way we work, connect, and thrive.**

At lumenear, we understand the vital connection between light and sound in shaping how a space feels and functions. By seamlessly integrating acoustics with lighting, we create environments that enhance both comfort and productivity.

It's not just about illuminating a room — it's about enriching the entire sensory experience.

What truly sets us apart is our commitment to local production, fair materials, and ethical sourcing. From concept to creation, our luminaires are crafted using sustainable materials, combining design excellence with environmental responsibility.

**See it, hear it for yourself.**



**What do you do with a space, or rather: what does a space do to you?**

**Based in the heart of The Netherlands, lumenear blends years of acoustic expertise with innovative design.**



**"With lumenear, lighting becomes an art form, seamlessly merging functionality with beauty."**

#### **Production**

With our in-house skilled team members and our own production facilities, lumenear maintains complete control over every step of the process, from concept to finished product. This integrated approach empowers us to uphold the highest standards of quality, ensuring that each luminaire meets our criteria for excellence.

#### **Design**

At lumenear, we illuminate spaces while addressing acoustic challenges with our innovative design-lighting. Using recycled PET Felt, a versatile material that is semi-flexible yet sturdy, we craft captivating designs with a wide color range. Drawing from our expertise in acoustics, we intentionally design complex forms in our lights for optimal sound absorption. Our meticulously crafted lamps, assembled minimizing glue or screws, effectively mitigate noise in diverse settings like offices, workspaces, and public venues.

Craftsmanship



**In today's hectic environments, silence has become a rare luxury. With our designs, we restore calm and intimacy to office spaces, creating environments where focus and comfort thrive.**

# Solving acoustics with lumēnear

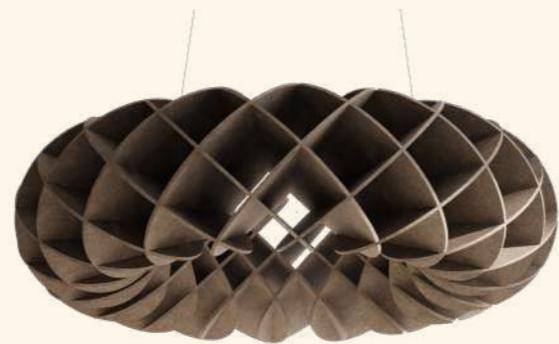
**The right amount of acoustic material, placed in the right locations, is essential to achieving the desired acoustic outcome.**

At lumēnear, we offer models with and without integrated lighting — allowing you to optimize both sound and light without compromising on design or budget. This flexible approach ensures high-quality illumination where it matters, and additional acoustic support where it's needed most.

**See it, hear it for yourself.**



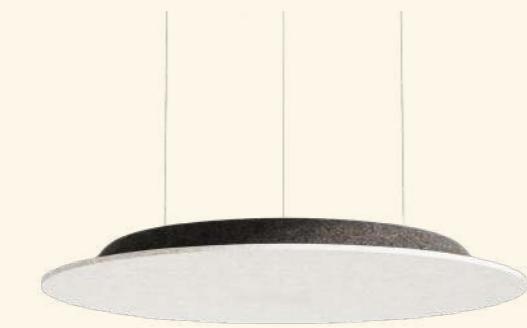
Halo Acoustic Light



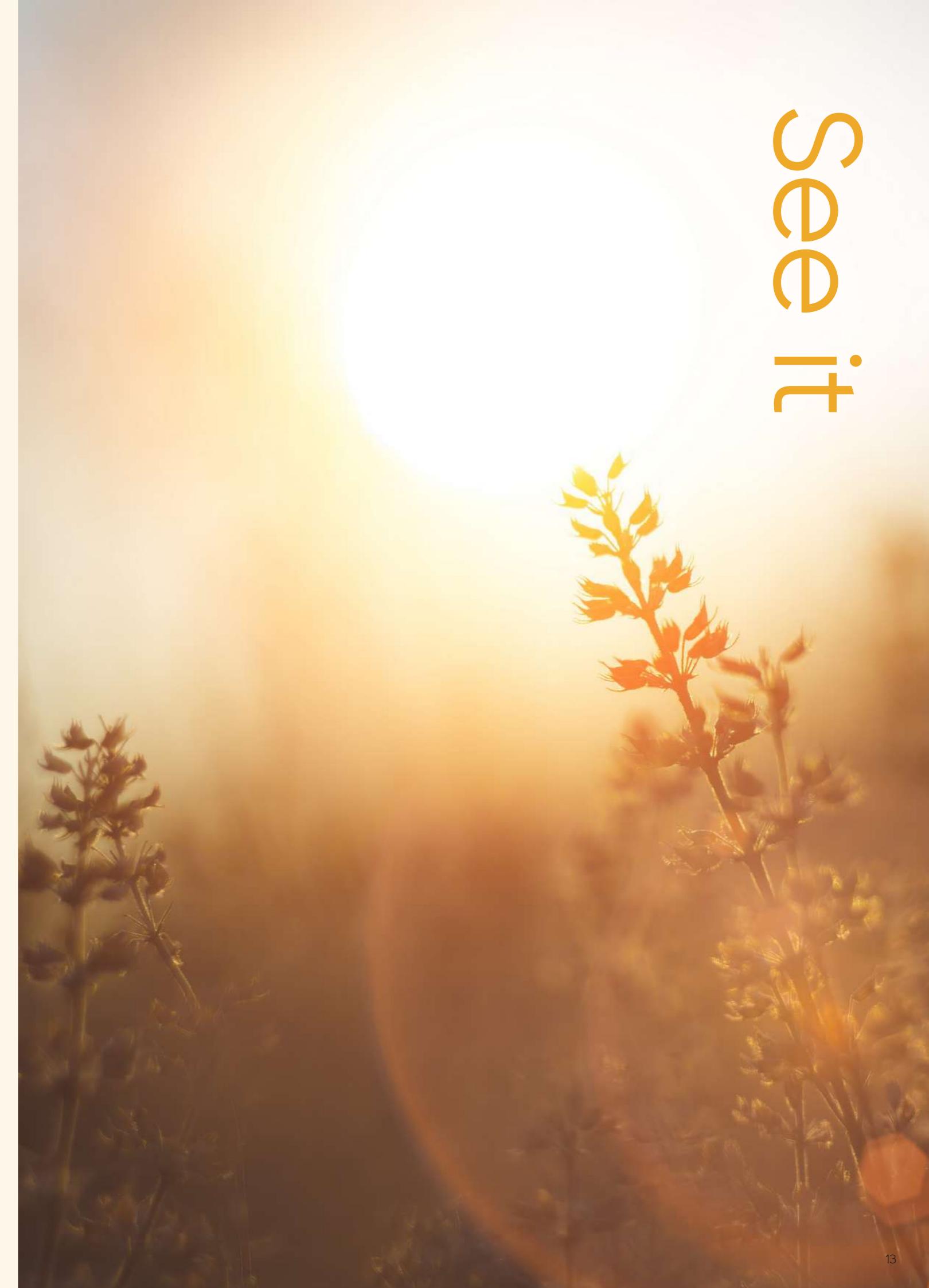
Halo Acoustic Baffle



Float Acoustic Light



Float Acoustic Baffle



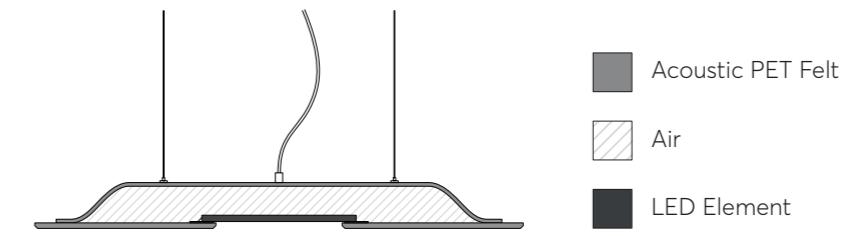
SEE  
IT

**At lumenear, we solve acoustic challenges with a blend of smart design, strategic placement, and personalized product recommendations — all tailored to your unique space and style.**



#### **The Impact of Design**

Discover how lumenear's lamps go beyond lighting to make a real acoustic impact. Their innovative design not only illuminates spaces but also enhances acoustic comfort. By strategically placing each fixture, we optimize sound absorption — creating environments that feel as good as they look.



#### **The Power of Placement**

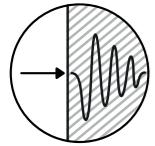
Strategic placement is essential to maximizing the performance of sound-absorbing materials. By targeting areas with high sound activity — such as open offices, restaurants, or meeting rooms — we tackle acoustic challenges at the source.

Ceiling placement, in particular, takes advantage of natural sound propagation to efficiently reduce noise. This smart integration of lighting and acoustics demonstrates how thoughtful design can simultaneously enhance ambiance, clarity, and comfort.

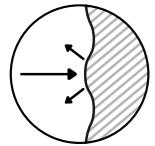
THE  
ONE  
.+

# Principle of acoustics

At lumenear, we harness sound's behaviour to optimize acoustics. By strategically applying absorption and diffusion, we shape environments for enhanced sound quality, even amidst uncontrollable noise sources like conversations or buzzing computers. The two most important aspects of sound we use to achieve this are absorption and diffusion.

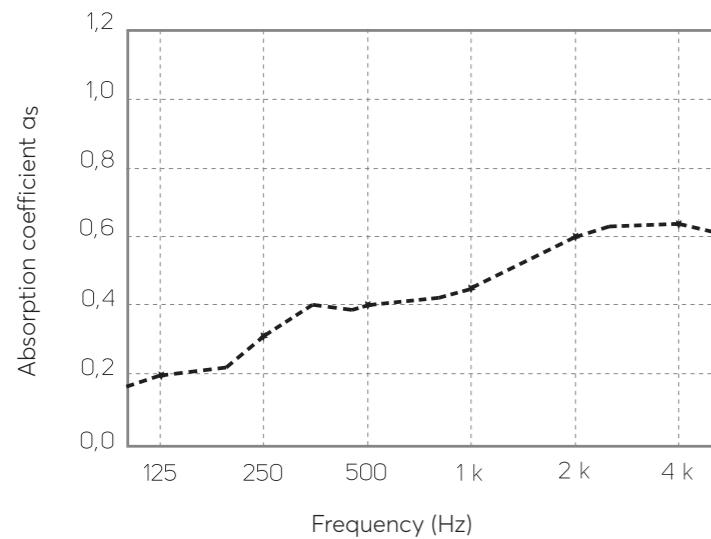


**Absorption** refers to the amount of sound energy that is reduced or dissipated as a sound wave passes through a material of a given thickness.

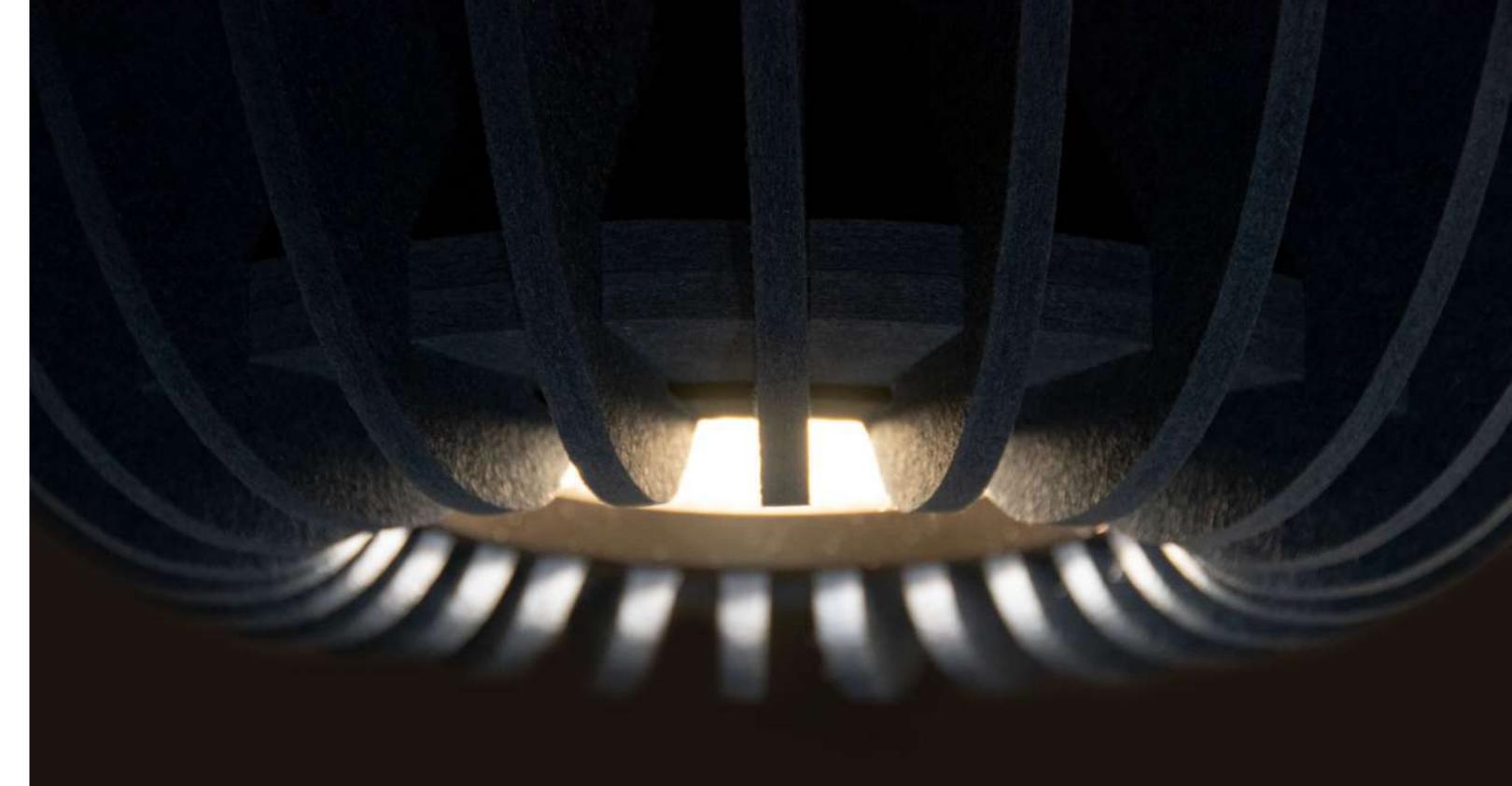


**Diffusion** refers to the scattering of sound energy in multiple directions. The geometry of a surface can break up and redistribute sound waves, reducing echoes and improving acoustic balance.

**Sound absorption** is the standard method for determining a material's acoustic performance. The amount of sound a surface absorbs is expressed as its acoustic value (aw). Soft, porous materials like PET Felt are highly effective at absorbing sound, resulting in a high aw rating.



**Acoustic properties:**  
aw (ISO 11654 = 0,45)  
SAA (ASTM-C423 = 0,45)



## Tone Spectrum

Frequency, measured in Hertz (Hz), defines the pitch of a sound and corresponds to the number of vibrations per second. The audible spectrum for humans ranges from 20 Hz (low bass) to 20,000 Hz (high treble), with higher frequencies resulting in higher-pitched sounds.



High tones



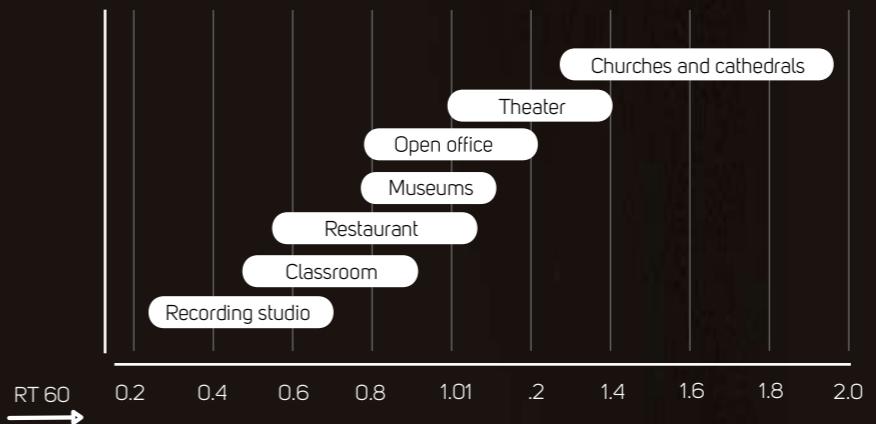
Mid tones



Low tones

## Reverberation Time

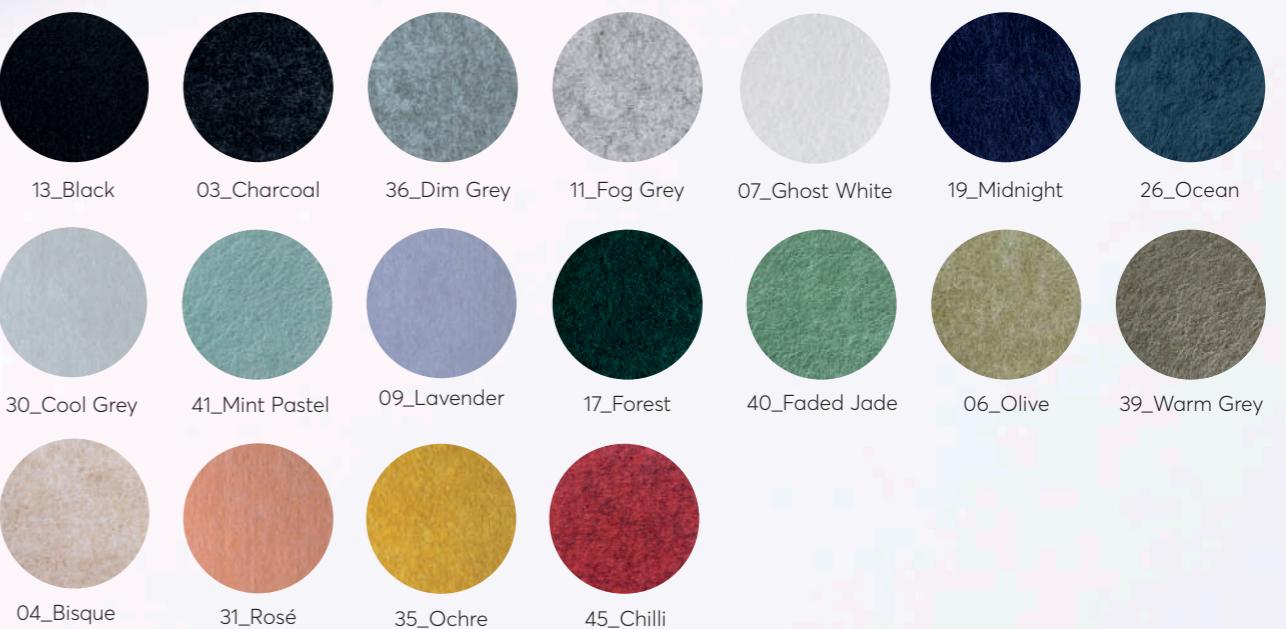
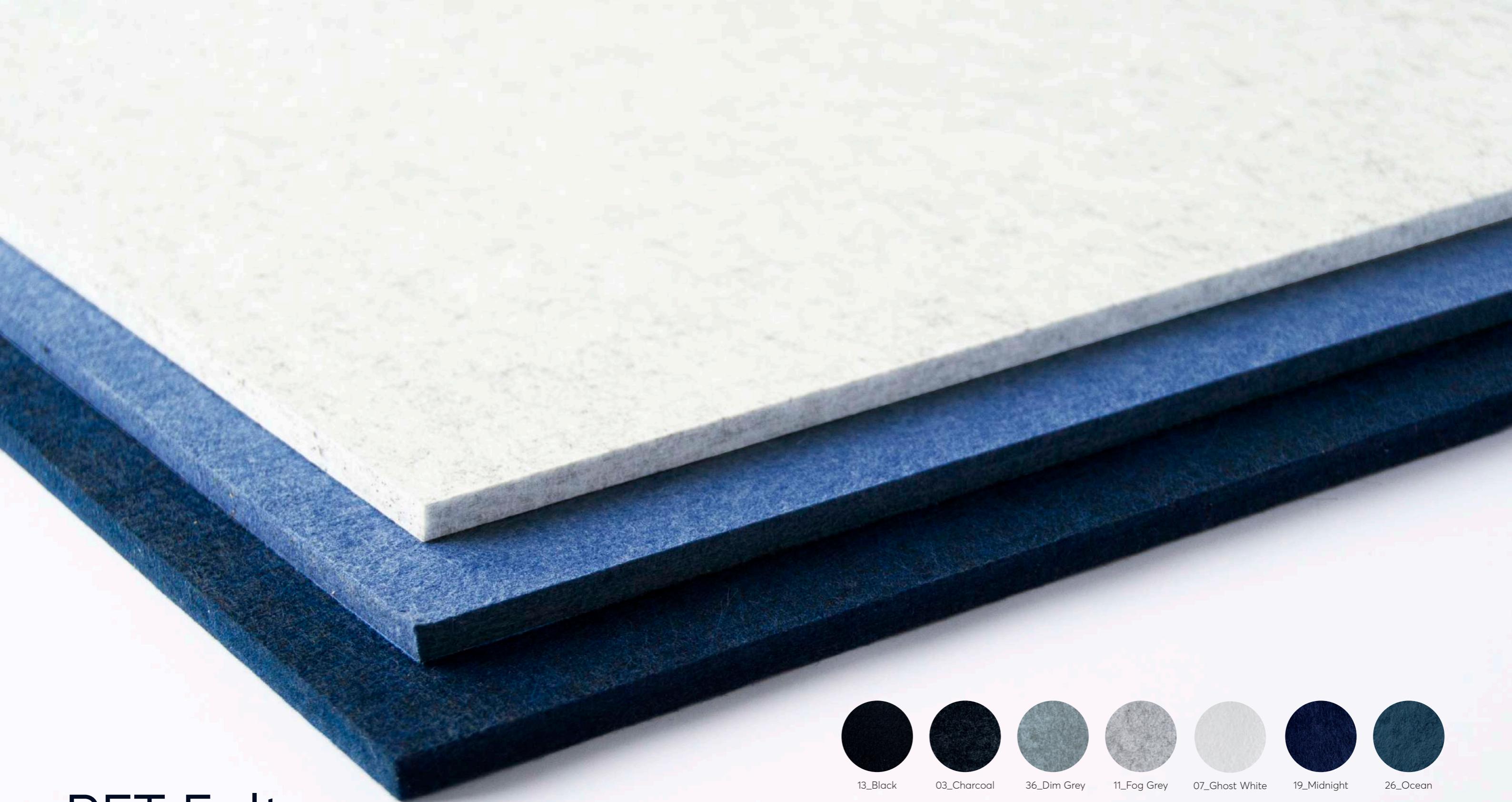
Measured in seconds, reverberation time (RT60) indicates how long it takes for sound to decay by 60 decibels. At Lumenear, we enhance speech clarity and intelligibility by carefully adjusting reverberation times through custom-designed absorptive materials integrated into our acoustic lighting solutions. Recommended RT60 values vary depending on the purpose and function of the space:



# PET Felt

Partly made from post-consumer recycled plastics, PET Felt is a high-performance material that combines aesthetics with acoustic functionality. Its soft texture and broad color palette bring warmth and elegance to any interior, while efficiently absorbing sound.

In addition to its acoustic benefits, PET Felt is fire-retardant, durable, and water-repellent — offering long-lasting performance that surpasses traditional sound-absorbing materials.



# Sustainability



**The beauty of  
recycled materials!**

## **Sustainability by Design.**

We choose materials with minimal environmental impact, prioritizing those that are both recycled and recyclable — like our primary acoustic material, PET Felt.

At the core of our design philosophy is a commitment to waste reduction. We believe it's unnecessary to discard what still works. That mindset informs every step of our design and production process.

Our luminaires are built with sustainability in mind: we avoid glue wherever possible and rely on a pressure-fit principle, where the PET Felt itself forms the structural body of the product. This approach minimizes material use while maximizing functionality and longevity.

## **Smart. Sustainable. Circular.**

PET Felt is the ideal response to today's demand for sustainable materials — offering high performance without compromising on flexibility, aesthetics, or color. Made from recycled content and fully recyclable, it supports both environmental responsibility and design freedom.

We go a step further by repurposing residual PET Felt to create packaging and smaller luminaire components, minimizing our waste stream and reinforcing our commitment to circular design.





# Collection

## Technical lighting

At lumenear, we believe that lighting and acoustics should work in harmony. That's why we offer a versatile collection of designs that deliver the right solution for every space. In addition to our lighting models, many designs are also available in acoustic-only variations — allowing you to fine-tune your environment without compromising on aesthetics. On the following pages, we invite you to explore our full collection and discover how form, function, and atmosphere come together.

# Toad

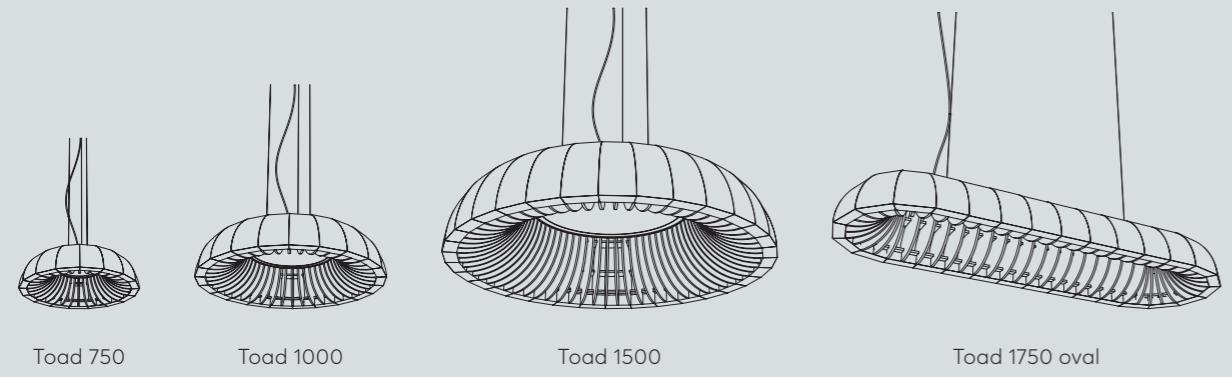
## Where nature inspires silence and light

Toad Light seamlessly unites functionality, acoustics, and aesthetics. Inspired by soft, organic forms, its spherical shade houses a high-quality LED panel that emits a warm, diffused light creating an inviting and comfortable atmosphere.

Inside, organically shaped slats enhance both sound absorption and light diffusion. Combined with its substantial mass and generous surface area, Toad delivers outstanding acoustic performance in any space.

Toad is available in a variety of shapes, sizes, and PET Felt colors. always finished with a light-colored interior to ensure optimal light reflection. The LED panel provides even illumination, with options in color temperature and dimming to suit different settings and moods.

**MIX  
AWA  
RDS**



Toad 750

Toad 1000

Toad 1500

Toad 1750 oval





**MIX  
AND  
MATCH**

**Material:**  
PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

**Fixture:**  
2m black textile cable  
3 black metal wires with adjustable griplock  
Black ceiling cap



Glueless assembly

#### Lighting properties:



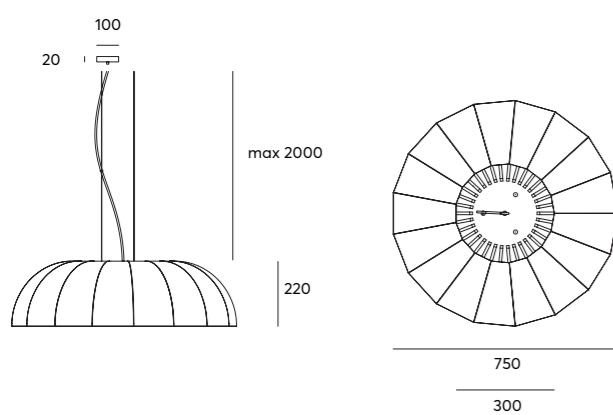
Integrated LED

17W | 1850lm

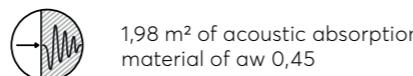
Dimmable  
Trailing edge (RC) | DALI2700 | 3000K | 4000K  
TW 2700-6500K

IP20

#### Dimensions:



#### Acoustic properties:

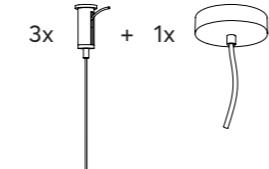
1,98 m<sup>2</sup> of acoustic absorption  
material of aw 0,45

Diffusion due to the 'mushroom' design

**Total weight gross | net:**  
**Parcel size:**

5,5 | 4,3kg  
800x800x400mm

#### Mounting:



#### Inside Colors:



11\_Fog Grey 07\_Ghost White 30\_Cool Grey 04\_Bisque

#### Outside Colors:



13\_Black 03\_Charcoal 36\_Dim Grey 11\_Fog Grey 07\_Ghost White 19\_Midnight 26\_Ocean 30\_Cool Grey 41\_Mint Pastel



17\_Forest 40\_Faded Jade 06\_Olive 39\_Warm Grey 04\_Bisque 35\_Ochre 45\_Chilli 09\_Lavender 31\_Rosé

#### Light source specifications:

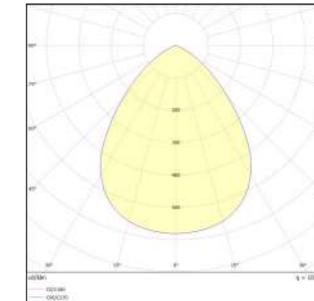
Based on calculations of Toad in colour 26\_Ocean (outside) / 11\_Fog grey (inside) | 3000K | Trailing edge



LED power:	17W
Connection voltage:	220-240V AC
Luminous Flux 2700K/3000K/4000K:	1770 lm / 1812lm / 1960lm
Life time:	L80/B20 100.000h   L90 50.000h
Driver:	Included   Integrated
Control   Dimmable:	Trailing Edge   DALI
Power factor: 2700K/3000K/4000K:	104lm/W 107lm/W 116lm/W
Optics   Beam of light:	Prismatic diffusor
CCT Color temperature:	2700K 3000K 4000K TW2700-6500
CRI:	Ra >80
UGR:	<22
Operating temperature:	-20 ~ +45

#### Photometrics:

Lumen intensity distribution



#### Acoustic specifications:

The acoustic design principle.

Toad is designed to catch sound directly from the space where sound is created. Such as meeting rooms or dining tables.

Because of its large open design, soundwaves will travel inside the shade and the mushroom like slats absorb the sound.

The LED element, will reflect the soundwaves

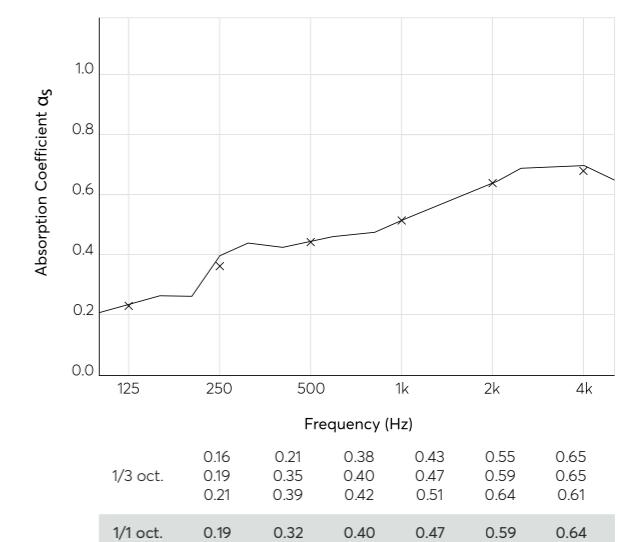
**Calculated acoustic surface area: 1,98 m<sup>2</sup>**

**aw (ISO 11654) = 0,45**

SAA (ASTM - C423) = 0,45

#### Measurement of 9mm free hanging PET Felt

sound absorption calculation in a reverberation room




**MIX  
AND  
RODS**
**Material:**

 PET Felt (polyethylene terephthalate)  
 Fireclass: EN13501-1 Class B  
 Produced in The Netherlands

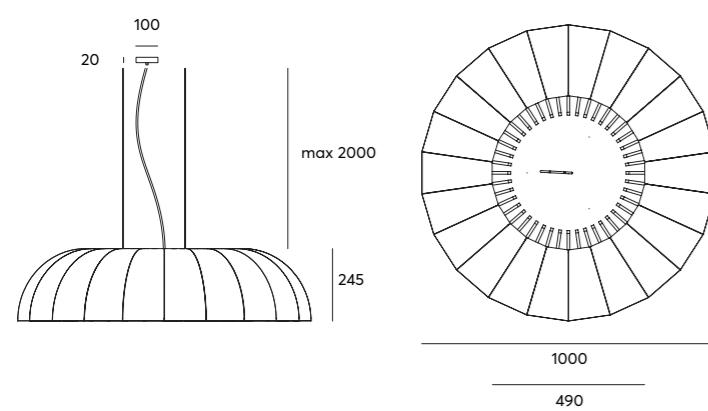
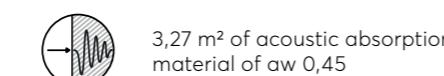
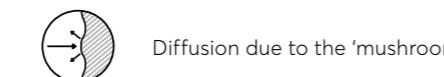
**Lighting properties:**

 Integrated LED  
 36W | 3560lm

 Dimmable  
 Trailing edge (RC) | DALI

 2700 | 3000K | 4000K  
 TW 2700-6500K

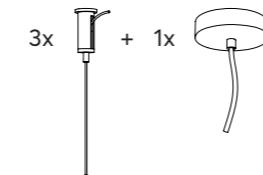

IP20

**Dimensions:**

**Acoustic properties:**

 3,27 m<sup>2</sup> of acoustic absorption  
 material of aw 0,45


Diffusion due to the 'mushroom' design

**Total weight gross | net:**  
**Parcel size:**

 10,6 | 9,4kg  
 1000x1000x400mm

**Mounting:**

**Inside Colors:**


11\_Fog Grey 07\_Ghost White 30\_Cool Grey 04\_Bisque

**Outside Colors:**


13\_Black 03\_Charcoal 36\_Dim Grey 11\_Fog Grey 07\_Ghost White 19\_Midnight 26\_Ocean 30\_Cool Grey 41\_Mint Pastel



17\_Forest 40\_Faded Jade 06\_Olive 39\_Warm Grey 04\_Bisque 35\_Ochre 45\_Chilli 09\_Lavender 31\_Rosé

**Light source specifications:**

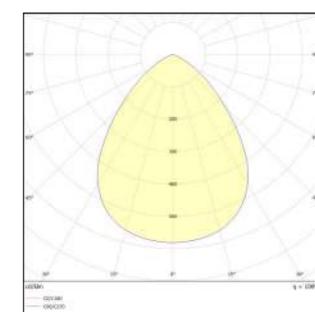
Based on calculations of Toad in colour 26\_Ocean (outside) / 11\_Fog grey (inside) | 3000K | Trailing edge



LED power:	36W
Connection voltage:	220-240V AC
Luminous Flux:	3130lm / 3280lm / 3480
Life time:	L80/B20 100.000h   L90 50.000h
Driver:	Included   Integrated
Control/Dimmable:	Trailing Edge   DALI
Power factor:	2700K/3000K/4000K
Optics   Beam of light:	87lm/W 99lm/W 97lm/W
CCT Color temperature:	Prismatic diffuser
CRI:	2700K 3000K 4000K TW2700-6500
UGR:	Ra >80
Operating temperature:	<22
	-20 ~ +45

**Photometrics:**

Lumen intensity distribution


**Acoustic specifications:**

The acoustic design principle.

Toad is designed to catch sound directly from the space where sound is created. Such as meeting rooms or dining tables.

Because of its large open design, soundwaves will travel inside the shade and the mushroom like slats absorb the sound.

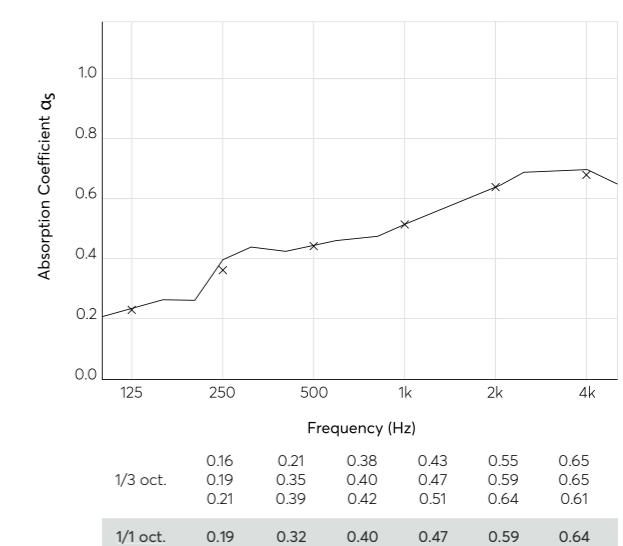
The LED element, will reflect the soundwaves

**Calculated acoustic surface area: 3,27 m<sup>2</sup>**
**aw (ISO 11654) = 0,45**

SAA (ASTM - C423) = 0,45

**Measurement of 9mm free hanging PET Felt**

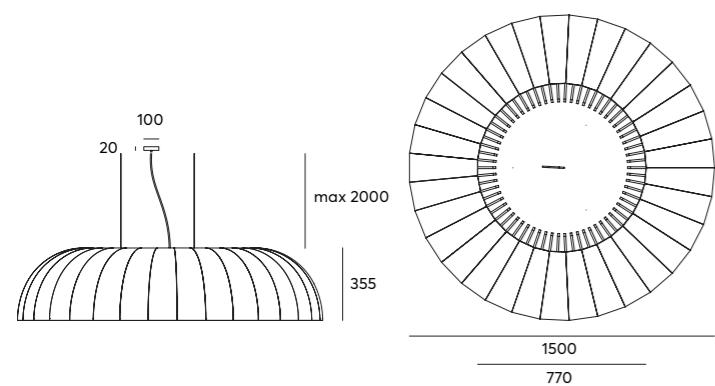
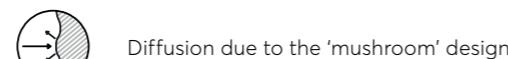
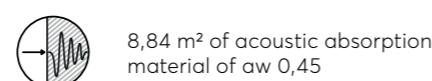
sound absorption calculation in a reverberation room



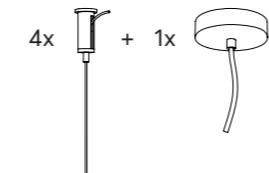

**MIX  
AND  
RODS**
**Material:**

 PET Felt (polyethylene terephthalate)  
 Fireclass: EN13501-1 Class B  
 Produced in The Netherlands

**Lighting properties:**

**Dimensions:**

**Acoustic properties:**

**Total weight gross | net:**  
**Parcel size:**

 28,9 | 25,7kg  
 1500x1500x400mm

**Mounting:**

**Inside Colors:**


11\_Fog Grey 07\_Ghost White 30\_Cool Grey 04\_Bisque

**Outside Colors:**

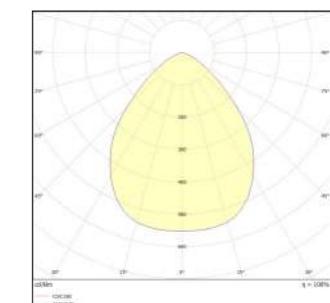
**Light source specifications:**

Calculations of LED panel only. May change due to PET Felt Colour choice

LED power: 2700K/3000K/4000K	64W
Connection voltage:	220-240V AC
Luminous Flux:	6230lm / 6870lm / 7360lm
Life time:	L80/B20 100.000h
Driver:	Included   Integrated
Control   Dimmable:	DALI
Power factor:	0.95
Optics   Beam of light:	Prismatic diffuser
CCT Color temperature:	2700K   3000K   4000K
CRI:	Ra>80
UGR:	<19
Operating temperature:	-20 ~ +45

**Photometrics:**

Lumen intensity distribution


**Acoustic specifications:**

The acoustic design principle.

Toad is designed to catch sound directly from the space where sound is created. Such as meeting rooms or dining tables.

Because of its large open design, soundwaves will travel inside the shade and the mushroom like slats absorb the sound.

The LED element, will reflect the soundwaves

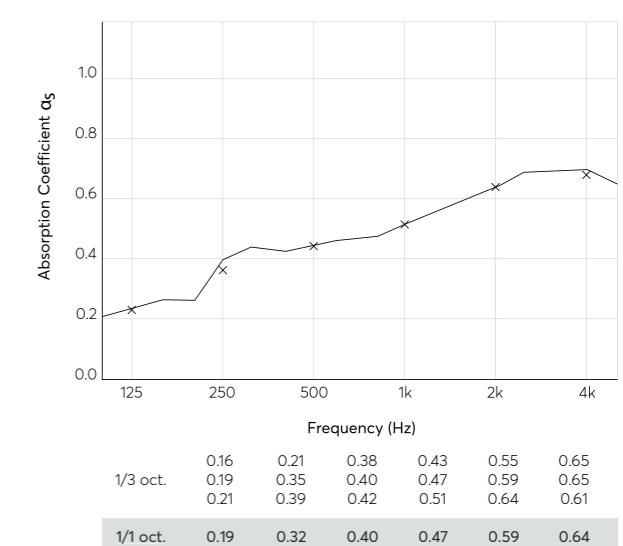
**Calculated acoustic surface area:** 8,84 m²

**aw (ISO 11654) = 0,45**

SAA (ASTM - C423) = 0,45

**Measurement of 9mm free hanging PET Felt**

sound absorption calculation in a reverberation room







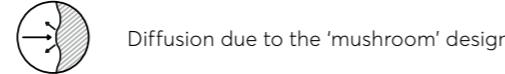
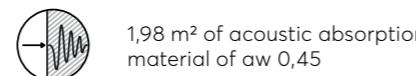
**Material:**  
PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

**Fixture:**  
2m black textile cable  
2 black metal wires with adjustable griplock  
Black ceiling cap

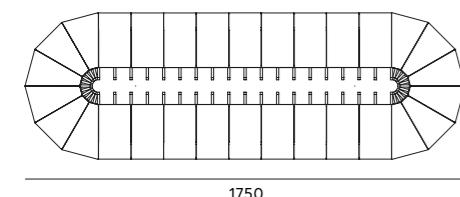
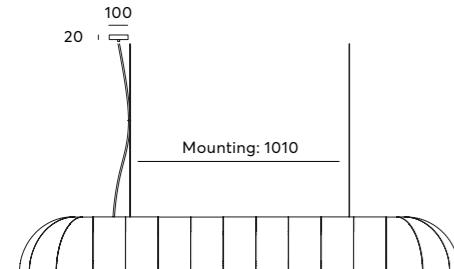
#### Lighting properties:



#### Acoustic properties:

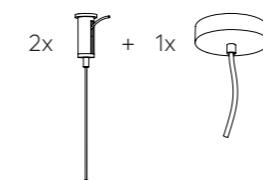


#### Dimensions:



**Total weight gross | net:** 10,9 | 9,8kg  
**Parcel size:** 1800x600x250mm

#### Mounting:



#### Inside Colors:



11\_Fog Grey 07\_Ghost White 30\_Cool Grey 04\_Bisque

#### Outside Colors:



13\_Black 03\_Charcoal 36\_Dim Grey 11\_Fog Grey 07\_Ghost White 19\_Midnight 26\_Ocean 30\_Cool Grey 41\_Mint Pastel



17\_Forest 40\_Faded Jade 06\_Olive 39\_Warm Grey 04\_Bisque 35\_Ochre 45\_Chilli 09\_Lavender 31\_Rosé

#### Light source specifications:

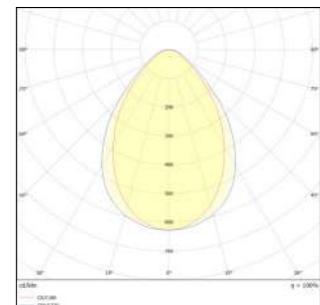
**Prismatic difusor** (standard / recommended)



LED power:	29W
Connection voltage:	220-240V AC
Luminous Flux:	3000K/4000K 3510lm / 3620
Life time:	L80/B20 100.000h
Driver:	Included   Integrated
Control   Dimmable:	Trailing Edge   DALI   Push
Power factor:	3000K/4000K 121lm/W 125lm/W
Optics:	Prismatic diffuser
CCT Color temperature:	3000K 4000K
CRI:	Ra>80
UGR:	<19
Operating temperature:	-20 ~ +45

#### Photometrics:

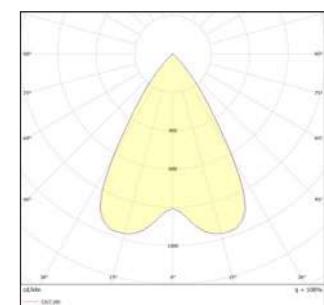
Lumen intensity distribution



#### Cubic reflector



LED power:	34W
Connection voltage:	220-240V AC
Luminous Flux:	3000K/4000K 4140lm / 4300lm
Life time:	L90/B10 100.000h
Driver:	Included   Integrated
Control   Dimmable:	Not dimmable   DALI
Power factor:	3000K/4000K 122lm/W 126lm/W
Optics:	Cubic reflector
CCT Color temperature:	3000K 4000K
CRI:	Ra>80
UGR:	<10
Operating temperature:	-20 ~ +45



#### Acoustic specifications:

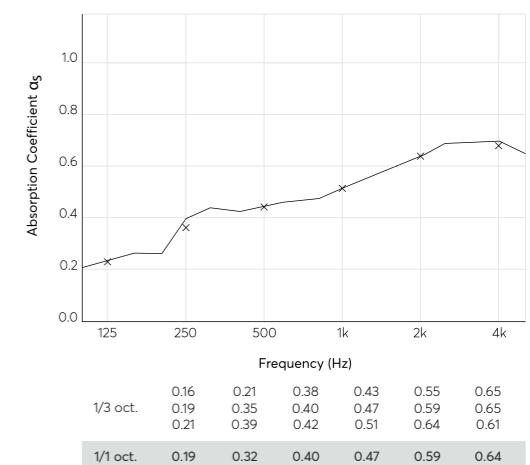
The acoustic design principle

Toad is designed to catch sound directly from the space where sound is created. Such as meeting rooms or dining tables.

**Calculated acoustic surface area:** 1,98 m²

**aw (ISO 11654) = 0,45**

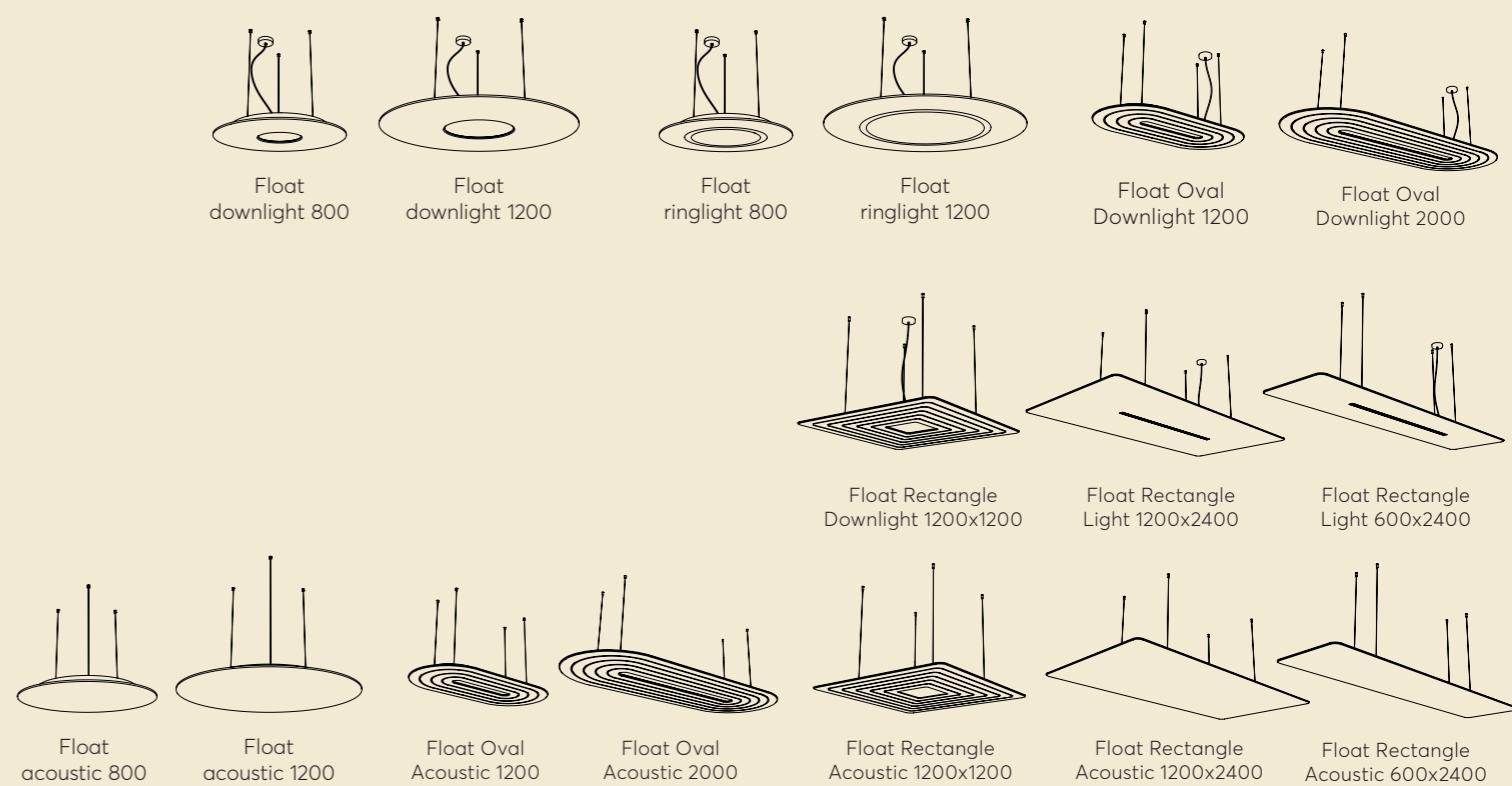
**SAA (ASTM - C423) = 0,45**



# Float

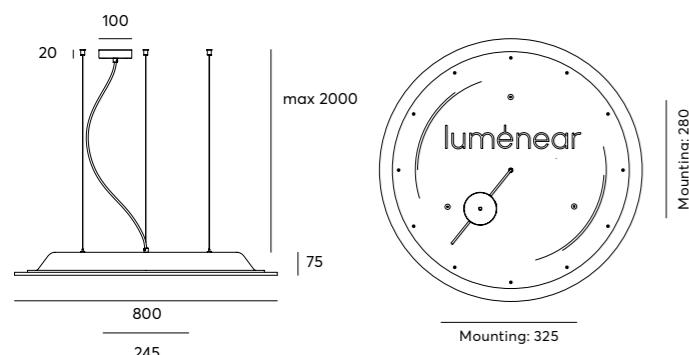
Float Light offers the best of both worlds: excellent acoustic performance and high-quality lighting. Its shape, surface texture, and ceiling-mounted application make it an effective sound absorber, while the integrated LED panel provides both ambient and task lighting. The downlight ensures optimal workspace illumination, while the PET Felt softens sound and enhances acoustic comfort.

In addition to the panel downlight, Float is also available with a ring light or uplight — offering flexibility in both function and aesthetic. Available in two sizes and compatible with acoustic-only islands, Float is a versatile solution for any ceiling space.

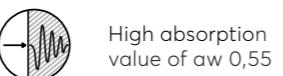


**Material:**

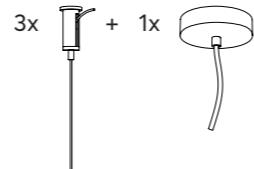
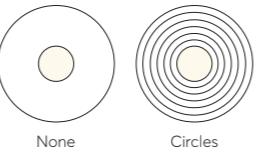
PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

**Lighting properties:****Dimensions:****Fixture:**

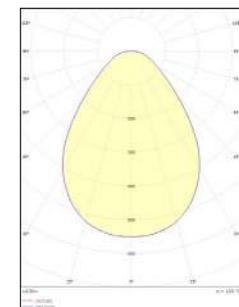
2m black textile cable  
3 black metal wires with adjustable griplock  
Black ceiling cap and Charcoal PET Felt hood (standard)

**Acoustic properties:**

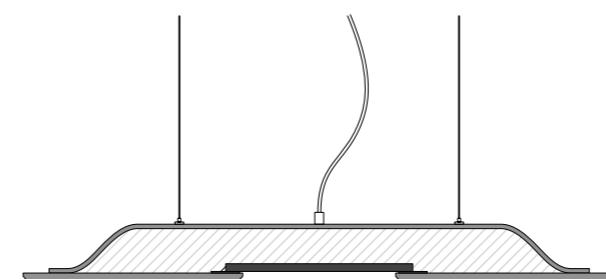
**Total weight gross | net:** 3,2 | 2,7kg  
**Parcel size:** 800x800x100mm

**Mounting:****Pattern options:****Colors:****Light source specifications:**

LED power:	17W
Connection voltage:	220-240V AC
Luminous Flux:	1750lm / 1870lm / 1950lm
Life time:	L80/B20 100.000h
Driver:	Included   Integrated
Control   Dimmable:	Trailing Edge   DALI
Power factor:	2700K/3000K/4000K
Optics:	103lm/W 110lm/W 115lm/W
CCT Color temperature:	Acrylic Opal Prism
CRI:	2700K 3000K 4000K TW2700-6500
UGR:	Ra>80
Operating temperature:	<25
	-20 ~ +45

**Photometrics:**  
Lumen intensity distribution**Acoustic specifications:**

The acoustic design principle.



■ Acoustic PET Felt

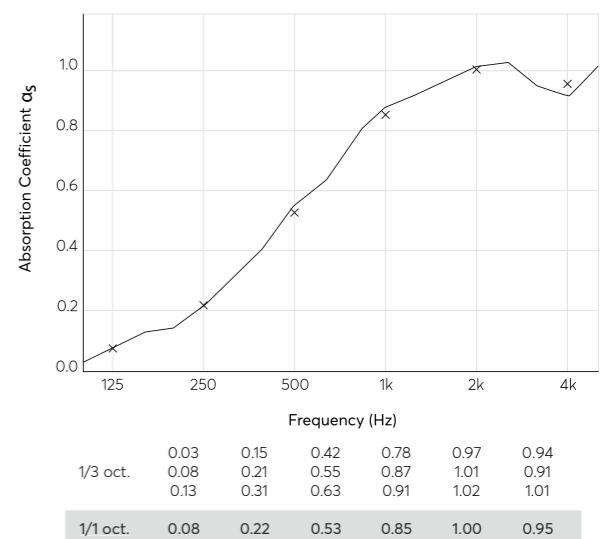
■ Air

■ LED Element

The product is designed to have a double layer sound absorbing PET Felt with 60 mm. of air cavity in between. Due to the layered effect, soundwaves are optimally absorbed by the design.

The LED element will reflect the soundwaves

Measurement of sound absorption in a reverberation room  
According to ISO 354:2003.



**aw (ISO 11654) = 0,55(MH)**

SAA (ASTM - C423) = 0,65



**Material:**  
PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

#### Lighting properties:



Integrated LED  
33W | 3620lm

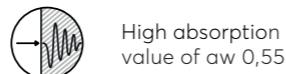


3000K | 4000K  
TW 2700-6500K

#### Fixture:

2m black textile cable  
3 black metal wires with adjustable griplock  
Black ceiling cap and Charcoal PET Felt hood (standard)

#### Acoustic properties:

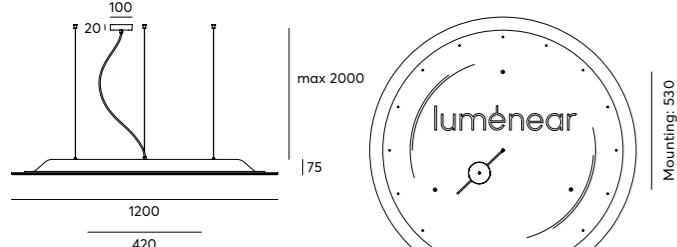


High absorption  
value of aw 0,55



Diffusion

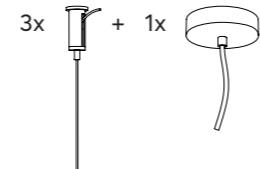
#### Dimensions:



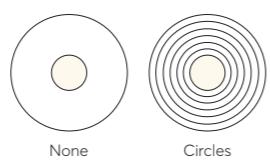
**Total weight gross | net:**  
**Parcel size:**

11,2 | 9,1kg  
1200x1200x100mm

#### Mounting:



#### Pattern options:



#### Colors:



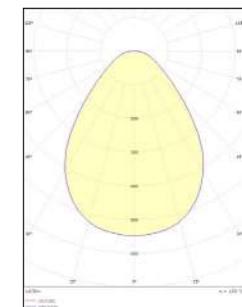
#### Light source specifications:



LED power: 33W  
Connection voltage: 220-240V AC  
Luminous Flux: 3000K/4000K 3620lm / 3800lm  
Life time: L80/B20 100.000h  
Driver: Included | Integrated  
Control | Dimmable: Trailing Edge | DALI  
Power factor: 2700K/3000K/4000K 110lm/W 115lm/W  
Optics: Acrylic Opal Prism  
CCT Color temperature: 3000K|4000K|TW2700-6500  
CRI: Ra>80  
UGR: <22  
Operating temperature: -20 ~ +45

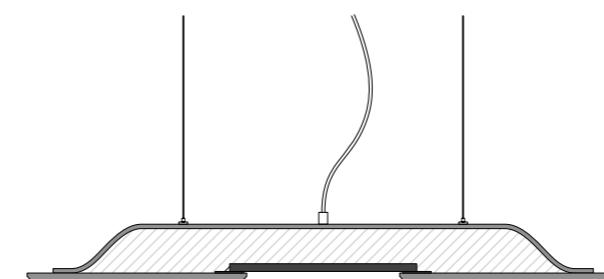
#### Photometrics:

Lumen intensity distribution



#### Acoustic specifications:

The acoustic design principle.

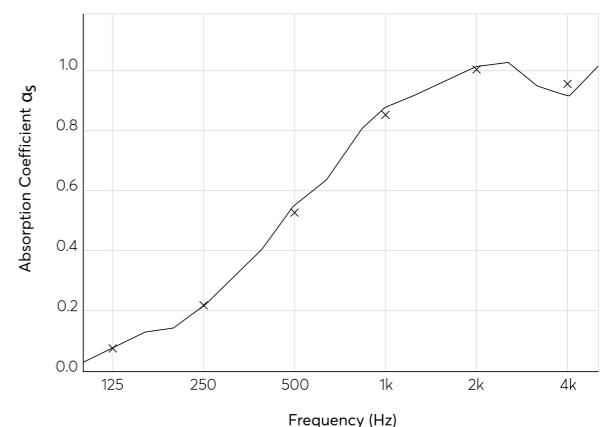


Acoustic PET Felt

Air

LED Element

Measurement of sound absorption in a reverberation room  
According to ISO 354:2003.



The product is designed to have a double layer sound absorbing PET Felt with 60 mm. of air cavity in between. Due to the layered effect, soundwaves are optimally absorbed by the design.

The LED element will reflect the soundwaves

**aw (ISO 11654) = 0,55(MH)**

SAA (ASTM - C423) = 0,65

# Float ringlight 800



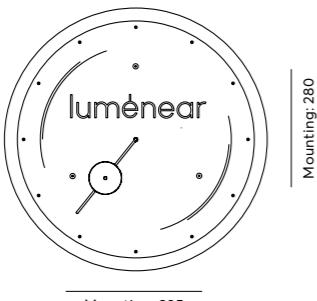
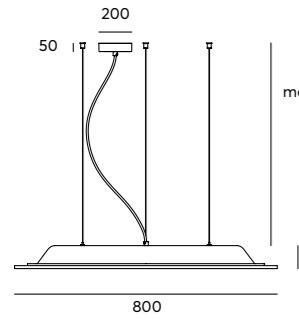
## Material:

PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

## Lighting properties:



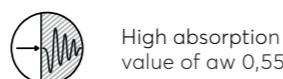
## Dimensions:



## Fixture:

2m black textile cable  
3 black metal wires with adjustable griplock  
Black ceiling cap and Charcoal PET Felt hood (standard)

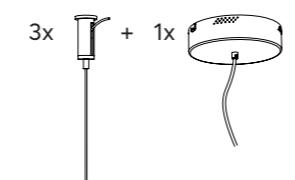
## Acoustic properties:



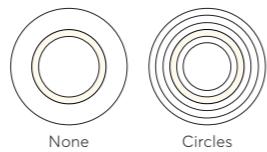
## Total weight gross | net:

3,4 | 2,9kg  
800x800x100mm

## Mounting:



## Pattern options:



## Colors:



## Light source specifications:

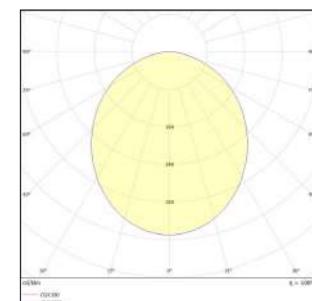
Based on calculations of 3000K | Trailing edge



LED power:	24W
Connection voltage:	220-240V AC
Luminous Flux:	1658lm
Frequency:	47-63Hz
Driver:	Included   Integrated
Control   Dimmable:	Trailing Edge   DALI
Power factor:	70lm/W
Optics:	Acrylic Opal Prism
CCT Color temperature:	2700K 3000K 4000K
CRI:	Ra>80
UGR:	<22
Operating temperature:	-20 ~ +45

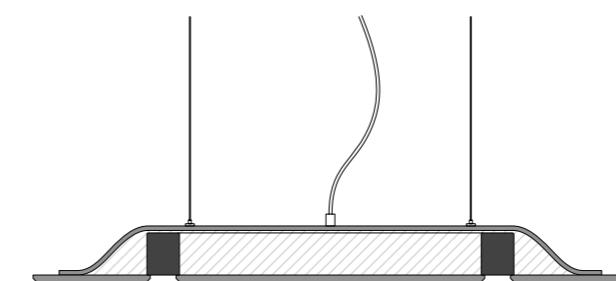
## Photometrics:

Lumen intensity distribution



## Acoustic specifications:

The acoustic design principle.



Acoustic PET Felt

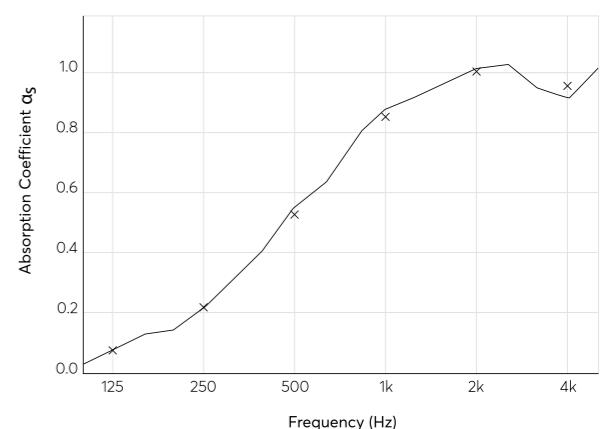
Air

LED Element

The product is designed to have a double layer sound absorbing PET Felt with 60 mm. of air cavity in between. Due to the layered effect, soundwaves are optimally absorbed by the design.

The LED element will reflect the soundwaves

Measurement of sound absorption in a reverberation room  
According to ISO 354:2003.



1/3 oct.	0.03	0.15	0.42	0.78	0.97	0.94
	0.08	0.21	0.55	0.87	1.01	0.91
	0.13	0.31	0.63	0.91	1.02	0.95

1/1 oct.	0.08	0.22	0.53	0.85	1.00	0.95

**aw (ISO 11654) = 0,55(MH)**

SAA (ASTM - C423) = 0,65

# Float ringlight 1200



## Material:

PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

## Lighting properties:

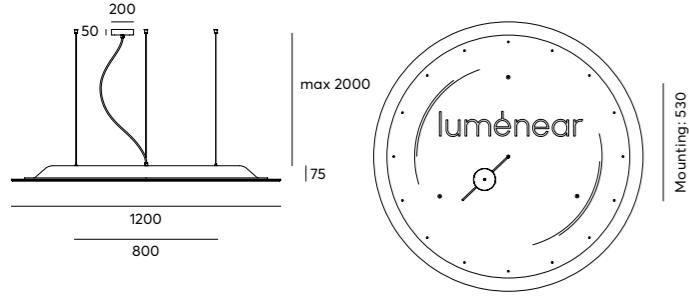


Integrated LED  
39W | 2710lm



Dimmable  
Trailing edge (RC) | DALI

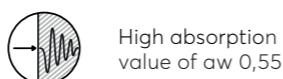
## Dimensions:



## Fixture:

2m black textile cable  
3 black metal wires with adjustable griplock  
Black ceiling cap and Charcoal PET Felt hood (standard)

## Acoustic properties:



High absorption  
value of aw 0,55

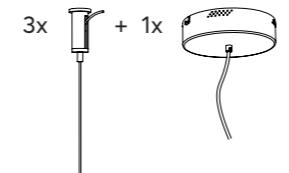


Diffusion

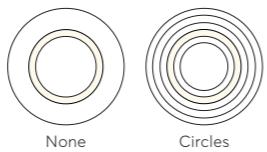
## Total weight gross | net: Parcel size:

11,2 | 9,1kg  
1200x1200x100mm

## Mounting:



## Pattern options:



## Colors:

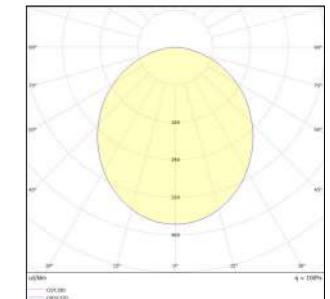


## Light source specifications:

Based on calculations of 3000K | Trailing edge

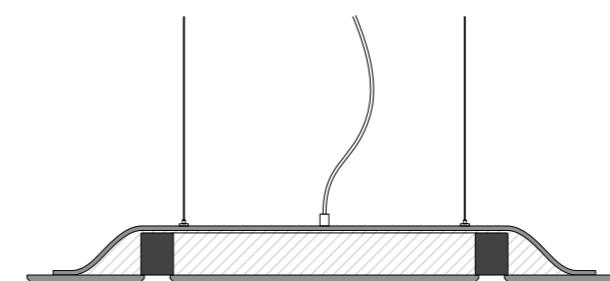


LED power:	39W
Connection voltage:	220-240V AC
Luminous Flux:	2710lm
Frequency:	47-63Hz
Driver:	Included/Integrated
Control   Dimmable:	Trailing Edge   DALI
Power factor:	70lm/W
Optics:	Acrylic Opal Prism
CCT Color temperature:	2700K 3000K 4000K
CRI:	Ra>90
UGR:	<22
Operating temperature:	-20 ~ +45



## Acoustic specifications:

The acoustic design principle.



■ Acoustic PET Felt

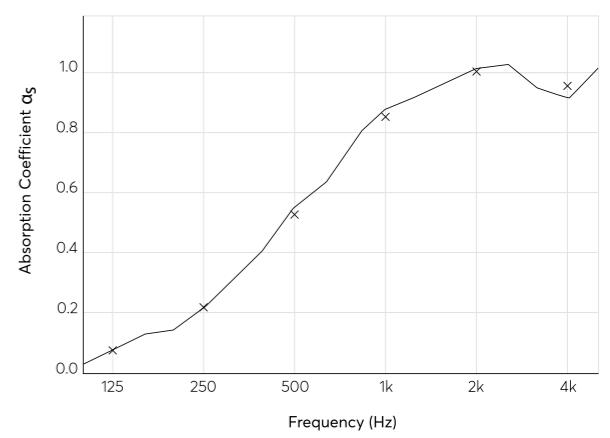
■ Air

■ LED Element

The product is designed to have a double layer sound absorbing PET Felt with 60 mm. of air cavity in between. Due to the layered effect, soundwaves are optimally absorbed by the design.

The LED element will reflect the soundwaves

Measurement of sound absorption in a reverberation room  
According to ISO 354:2003.



aw (ISO 11654) = 0,55(MH)

SAA (ASTM - C423) = 0,65



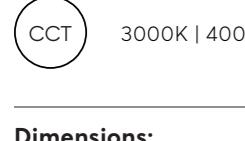
# Float Oval Downlight 1200



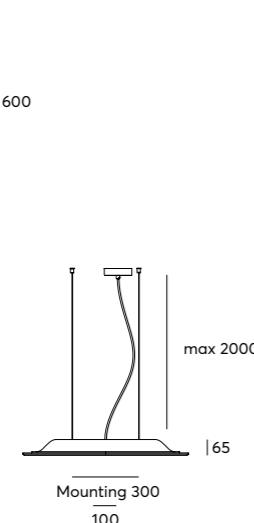
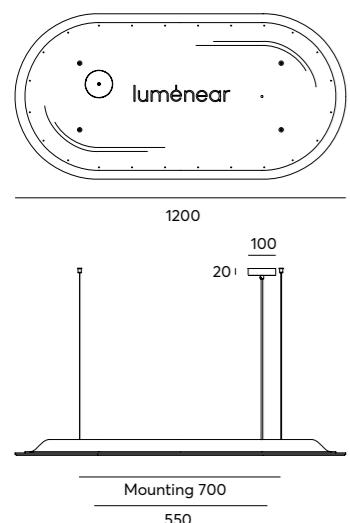
## Material:

PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

## Lighting properties:



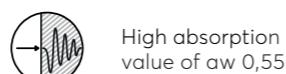
## Dimensions:



## Fixture:

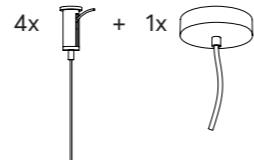
2m black textile cable  
4 black metal wires with adjustable griplock  
Black ceiling cap and Charcoal PET Felt hood (standard)

## Acoustic properties:

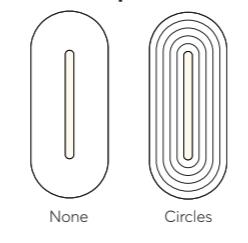


Total weight gross | net: 6,3 | 5,2kg  
Parcel size: 1200x600x100mm

## Mounting:



## Pattern options:



## Colors:



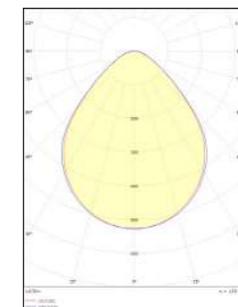
## Light source specifications:



LED power:	9W
Connection voltage:	220-240V AC
Luminous Flux:	3000K/4000K 1160lm / 1230lm
Life time:	L80/B20 100.000h
Driver:	Included/Integrated
Control   Dimmable:	Trailing Edge   DALI
Power factor:	3000K/4000K 129lm/W 137lm/W
Optics:	Acrylic Opal Prism
CCT Color temperature:	3000K/4000K
CRI:	Ra>80
UGR:	<19
Operating temperature:	-20 ~ +45

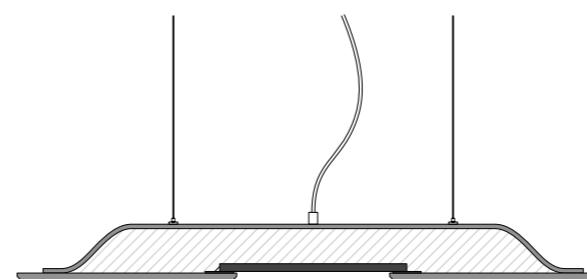
## Photometrics:

Lumen intensity distribution



## Acoustic specifications:

The acoustic design principle.

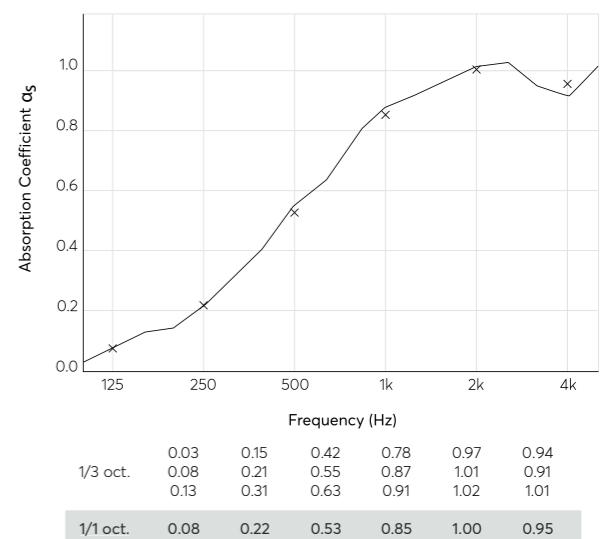


Acoustic PET Felt

Air

LED Element

Measurement of sound absorption in a reverberation room  
According to ISO 354:2003



The product is designed to have a double layer sound absorbing PET Felt with 60 mm. of air cavity in between. Due to the layered effect, soundwaves are optimally absorbed by the design.

The LED element will reflect the soundwaves

**aw (ISO 11654) = 0,55(MH)**

SAA (ASTM - C423) = 0,65

# Float Oval Downlight 2000



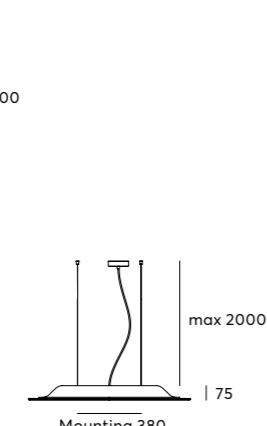
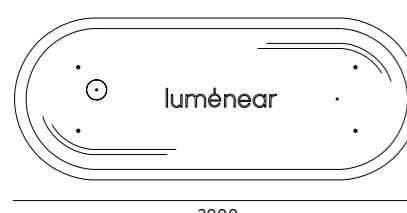
## Material:

PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

## Lighting properties:



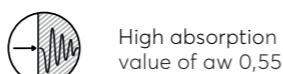
## Dimensions:



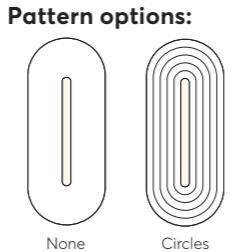
## Fixture:

2m black textile cable  
4 black metal wires with adjustable griplock  
Black ceiling cap and Charcoal PET Felt hood (standard)

## Acoustic properties:



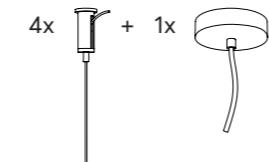
## Pattern options:



## Total weight gross | net:

11,2 | 9,1kg  
Parcel size: 2000x800x100mm

## Mounting:



## Colors:



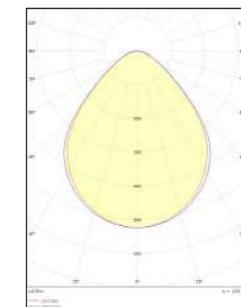
## Light source specifications:



LED power:	18W
Connection voltage:	220-240V AC
Luminous Flux:	3000K/4000K
Life time:	100.000h
Driver:	Included/Integrated
Control   Dimmable:	Trailing Edge   DALI
Power factor:	3000K/4000K
Optics:	128lm/W 137lm/W
CCT Color temperature:	Acrylic Opal Prism
CRI:	3000K/4000K
UGR:	Ra>80
Operating temperature:	<19
	-20 ~ +45

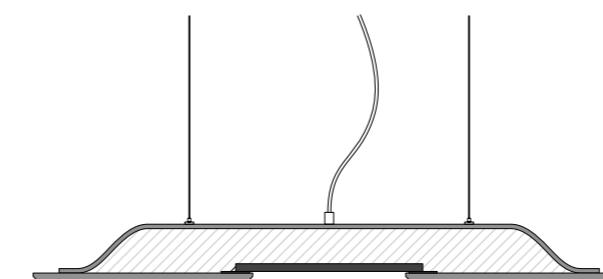
## Photometrics:

Lumen intensity distribution



## Acoustic specifications:

The acoustic design principle.

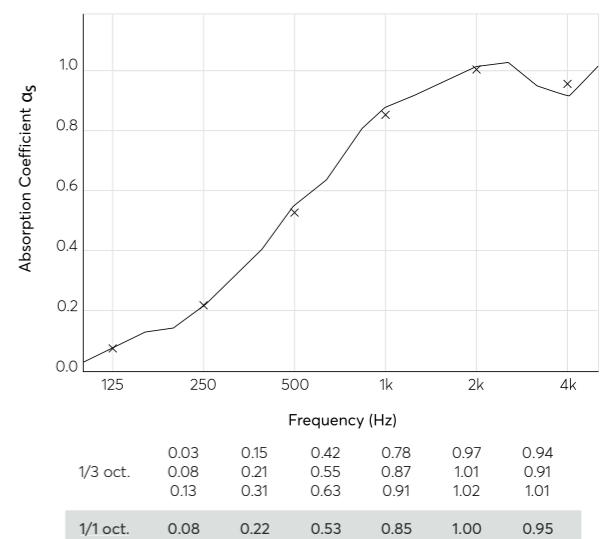


Acoustic PET Felt

Air

LED Element

Measurement of sound absorption in a reverberation room  
According to ISO 354:2003



The product is designed to have a double layer sound absorbing PET Felt with 60 mm. of air cavity in between. Due to the layered effect, soundwaves are optimally absorbed by the design.

The LED element will reflect the soundwaves

**aw (ISO 11654) = 0,55(MH)**

SAA (ASTM - C423) = 0,65

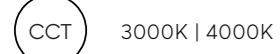
# Float Rectangle Downlight 1200x1200



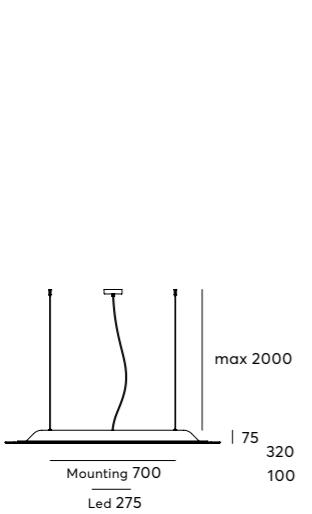
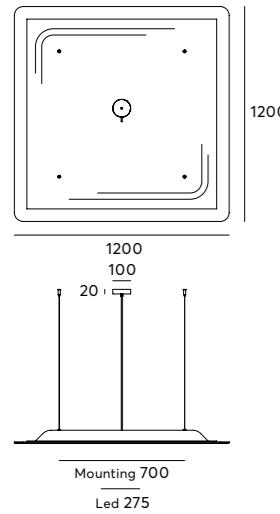
## Material:

PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

## Lighting properties:



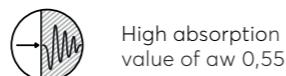
## Dimensions:



## Fixture:

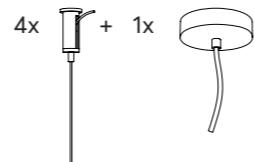
2m black textile cable  
4 black metal wires with adjustable griplock  
Black ceiling cap and Charcoal PET Felt hood (standard)

## Acoustic properties:

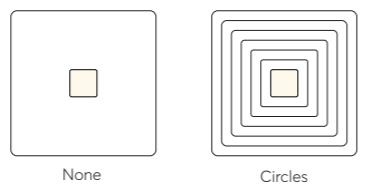


**Total weight gross | net:** 11,2 | 9,1kg  
**Parcel size:** 2000x800x100mm

## Mounting:



## Pattern options:



## Colors:



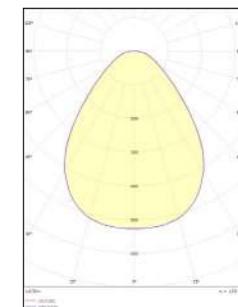
## Light source specifications:



LED power:	26W
Connection voltage:	220-240V AC
Luminous Flux:	3000K/4000K 2250lm / 2350lm
Life time:	L80/B20 100.000h
Driver:	Included/Integrated
Control   Dimmable:	Trailing Edge   DALI
Power factor:	3000K/4000K 87lm/W 90lm/W
Optics:	Acrylic Opal Prism
CCT Color temperature:	3000K/4000K
CRI:	Ra>80
UGR:	<19
Operating temperature:	-20 ~ +45

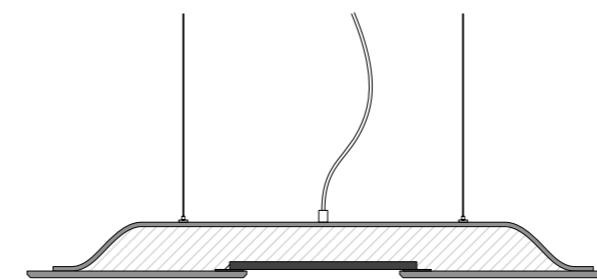
## Photometrics:

Lumen intensity distribution



## Acoustic specifications:

The acoustic design principle.

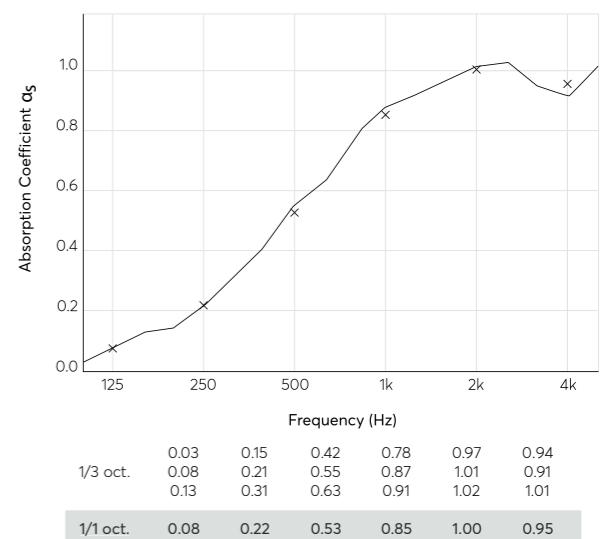


Acoustic PET Felt

Air

LED Element

Measurement of sound absorption in a reverberation room  
According to ISO 354:2003



The product is designed to have a double layer sound absorbing PET Felt with 60 mm. of air cavity in between. Due to the layered effect, soundwaves are optimally absorbed by the design.

The LED element will reflect the soundwaves

**aw (ISO 11654) = 0,55(MH)**

SAA (ASTM - C423) = 0,65

## Float Rectangle Light 1200x2400

**Material:**

PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

**Lighting properties:**

Integrated LED  
30/34W | 3846/4140lm



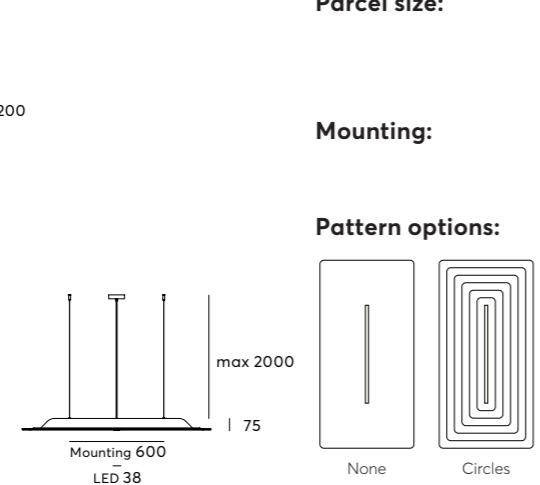
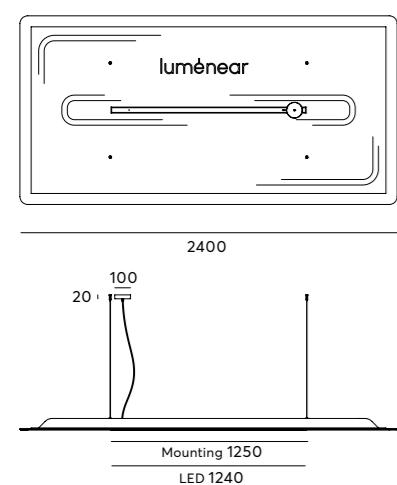
Dimmable  
Non dim | Trailing edge (RC) | DALI



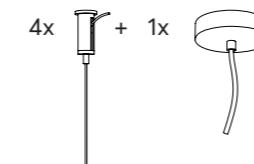
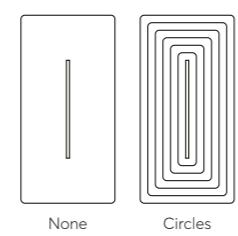
CCT  
3000K | 4000K



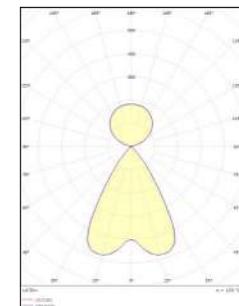
IP20

**Dimensions:****Total weight gross | net:  
Parcel size:**

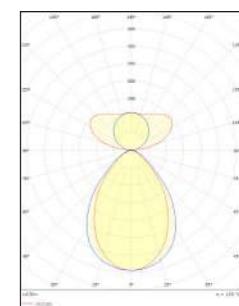
11,2 | 9,1kg  
2000x800x100mm

**Mounting:****Pattern options:****Colors:****Light source specifications:  
Cubic reflector**

LED power:	34W
Connection voltage:	220-240V AC
Luminous Flux:	4140lm
Life time:	L80/B20 100.000h
Driver:	Included   Integrated
Control   Dimmable:	Not dimmable   DALI
Power factor:	122lm/W
Optics:	Cubic Optic Noir
CCT Color temperature:	3000K 4000K
CRI:	Ra>80
UGR:	<10
Operating temperature:	-20 ~ +45

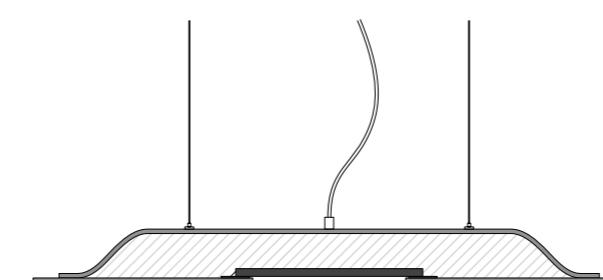
**Photometrics:**  
Lumen intensity distribution**Prismatic difusor**

LED power:	30W
Connection voltage:	220-240V AC
Luminous Flux:	3846lm
Life time:	L90/B10 100.000h
Driver:	Included   Integrated
Control   Dimmable:	Trailing Edge   DALI   Push
Power factor:	122lm/W
Optics:	Prismatic difusor
CCT Color temperature:	3000K 4000K
CRI:	Ra>80
UGR:	<19
Operating temperature:	-20 ~ +45

**Acoustic specifications:**

The acoustic design principle.

Measurement of sound absorption in a reverberation room  
According to ISO 354:2003



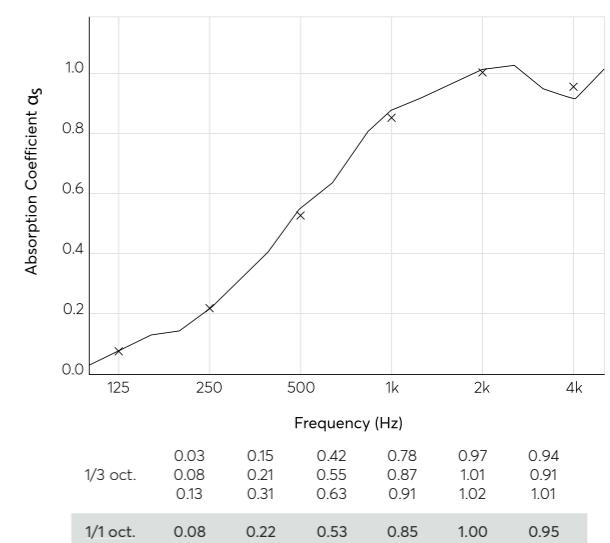
Acoustic PET Felt

Air

LED Element

**aw (ISO 11654) = 0,55(MH)**

SAA (ASTM - C423) = 0,65



# Float Rectangle Light 600x2400



## Material:

PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

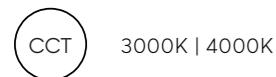
## Lighting properties:



Integrated LED  
30/34W | 3846/4140lm



Dimmable  
Non dim | Trailing edge (RC) | DALI

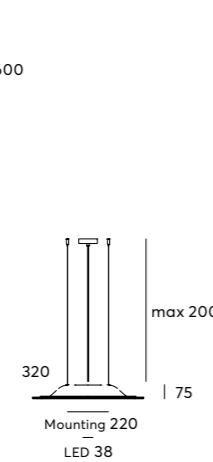
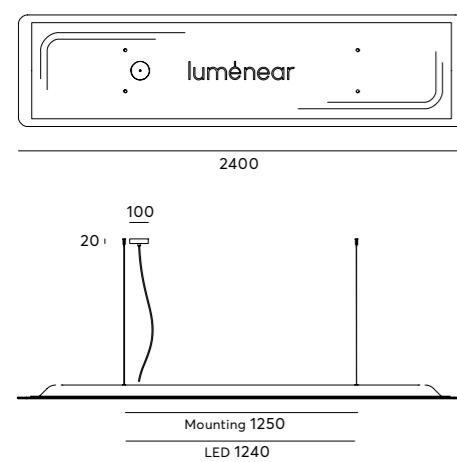


CCT  
3000K | 4000K



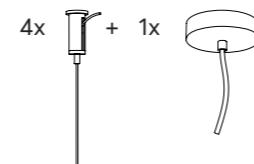
IP20

## Dimensions:

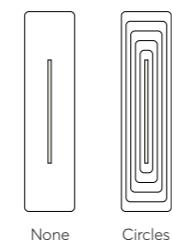


**Total weight gross | net:**  
Parcel size:  
2000x800x100mm

## Mounting:



## Pattern options:



## Colors:



## Light source specifications:

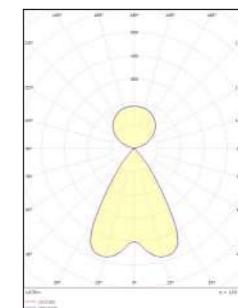
**Cubic reflector**



LED power:	34W
Connection voltage:	220-240V AC
Luminous Flux:	4140lm
Life time:	L80/B20 100.000h
Driver:	Included   Integrated
Control   Dimmable:	Not dimmable   DALI
Power factor:	122lm/W
Optics:	Cubic Optic Noir
CCT Color temperature:	3000K 4000K
CRI:	Ra>80
UGR:	<10
Operating temperature:	-20 ~ +45

## Photometrics:

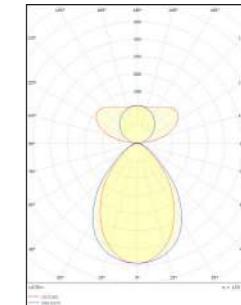
Lumen intensity distribution



## Prismatic difusor



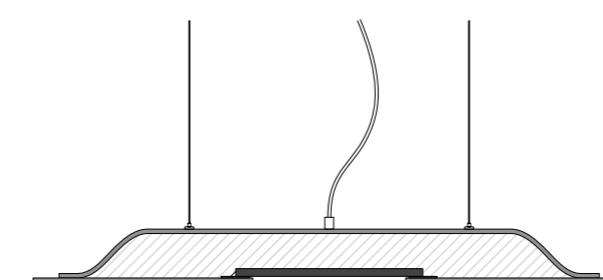
LED power:	30W
Connection voltage:	220-240V AC
Luminous Flux:	3846lm
Life time:	L90/B10 100.000h
Driver:	Included   Integrated
Control   Dimmable:	Trailing Edge   DALI   Push
Power factor:	122lm/W
Optics:	Prismatic difusor
CCT Color temperature:	3000K 4000K
CRI:	Ra>80
UGR:	<19
Operating temperature:	-20 ~ +45



## Acoustic specifications:

The acoustic design principle.

Measurement of sound absorption in a reverberation room  
According to ISO 354:2003



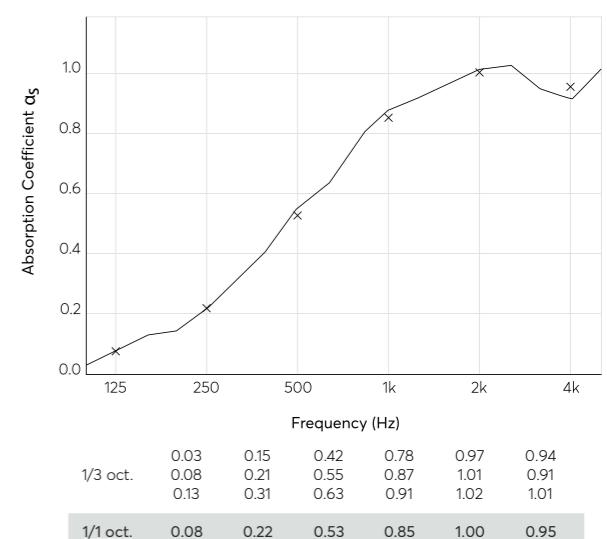
Acoustic PET Felt

Air

LED Element

**aw (ISO 11654) = 0,55(MH)**

SAA (ASTM - C423) = 0,65



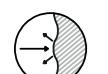
## Float acoustic



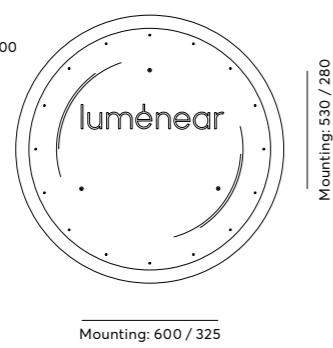
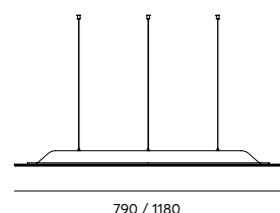
**Material:**  
PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

**Acoustic properties:**

High absorption  
value of aw 0,9

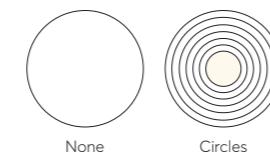


Diffusion

**Dimensions:**

**Total weight gross | net:**  
**Parcel size:**

2,4 | 1,6 | 4,9 | 4,1kg  
800x800x100mm  
1200x1200x100mm

**Mounting:****Pattern options:**

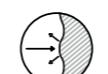
## Float Oval acoustic



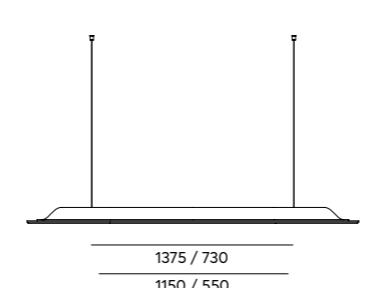
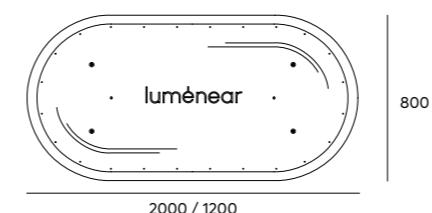
**Material:**  
PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

**Acoustic properties:**

High absorption  
value of aw 0,9



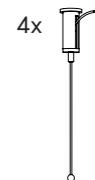
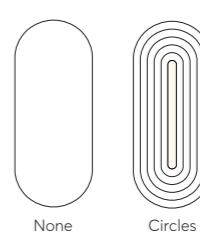
Diffusion

**Dimensions:**

**Fixture:**  
3 black metal wires with adjustable griplock  
Charcoal PET Felt hood (standard)

**Total weight gross | net:**  
**Parcel size:**

2,4 | 1,6 | 4,9 | 4,1kg  
1200x600x100mm  
2000x800x100mm

**Mounting:****Pattern options:**

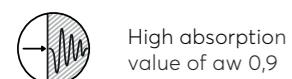
# Float Rectangle acoustic



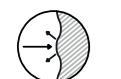
## Material:

PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

## Acoustic properties:

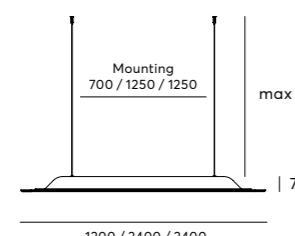
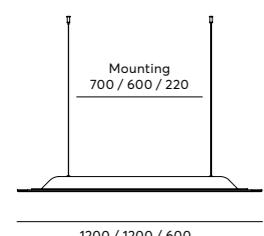


High absorption  
value of aw 0,9



Diffusion

## Dimensions:



## Fixture:

3 black metal wires with adjustable griplock  
Charcoal PET Felt hood (standard)

## Total weight gross | net:

Rectangle 1200x1200	2,4   1,6kg
Rectangle 1200x2400	4,9   4,1kg
Rectangle 600x2400	4,9   4,1kg

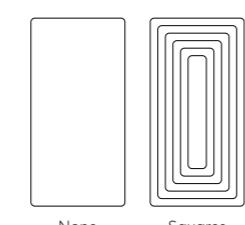
## Parcel size:

Rectangle 1200x1200	1210x1210x100
Rectangle 1200x2400	1210x2410x100
Rectangle 600x2400	610x2410x100

## Mounting:



## Pattern options:

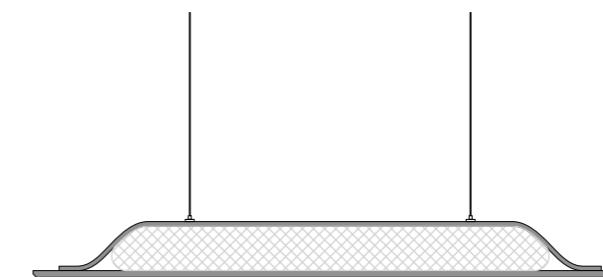


## Colors:



## Acoustic specifications:

The acoustic design principle.



Acoustic PET Felt

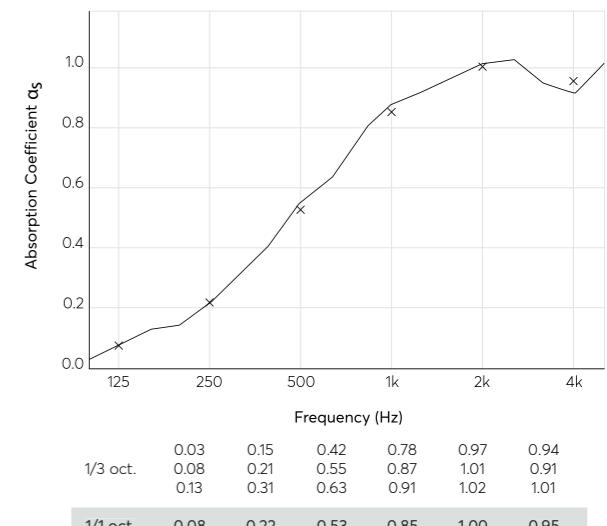
Acoustic wool

The product is designed to have a double layer Sound absorbing PET Felt with an additional 40mm of acoustic wool in between.

Due to the sandwich of acoustic materials, the soundwaves are optimally absorbed by the design.

Because float is hanging free from the ceiling, the soundwaves that are being reflected from the ceiling will also enter the acoustic baffle from the top to absorb both ways.

Measurement of sound absorption in a reverberation room  
According to ISO 354:2003.



aw (ISO 11654) = 0,90

SAA (ASTM - C423) = 0,86

## Float uplight add-on



Glueless assembly

## Lighting properties:

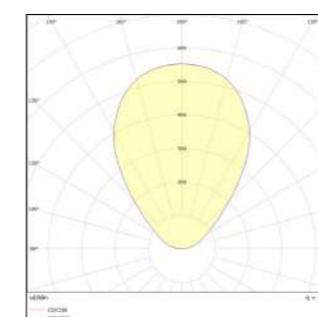
Integrated LED  
17W | 1870lmDimmable  
Trailing edge (RC) | DALI2700 | 3000K | 4000K  
TW 2700-6500K

IP20

## Light source specifications:



LED power:	17W
Connection voltage:	220-240V AC
Luminous Flux:	2700lm / 3000lm / 4000lm
Life time:	L80/B20 100.000h
Driver:	Included   Integrated
Control   Dimmable:	Trailing Edge   DALI
Power factor:	2700K/3000K/4000K
Optics:	Acrylic Opal Prism
CCT Color temperature:	2700K 3000K 4000K TW2700-6500
CRI:	Ra>80
UGR:	<25
Operating temperature:	-20 ~ +45

Photometrics:  
Lumen intensity distribution

## Combinations:



Float 800/1200 Downlight



Float 800/1200 Ringlight



Float 800/1200 Acoustic



With Uplight

## Float Oval uplight add-on



Glueless assembly

## Lighting properties:

Integrated LED  
9W | 1160lmDimmable  
Trailing edge (RC) | DALI

3000K | 4000K

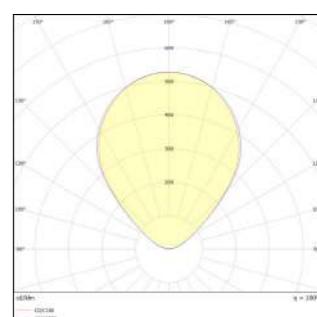


IP20

## Light source specifications:



LED power:	9W
Connection voltage:	220-240V AC
Luminous Flux:	3000lm / 4000lm
Life time:	L80/B20 100.000h
Driver:	Included/Integrated
Control   Dimmable:	Trailing Edge   DALI
Power factor:	3000K/4000K
Optics:	Acrylic Opal Prism
CCT Color temperature:	3000K 4000K
CRI:	Ra>80
UGR:	<19
Operating temperature:	-20 ~ +45

Photometrics:  
Lumen intensity distribution

## Combinations:



Float Oval Downlight 1200/2000



Float Oval Acoustic 1200/2000



With Uplight

# Halo

Halo is a durable fixture made of loose PET Felt slats. By inserting these transversely into each other, a characteristic and sturdy independent ring-shaped construction is created. In addition to this smart construction, Halo's design is very effective at "catching" reverberation from the room through its large felt surfaces.

The integrated LED panel, with high light intensity, shines from above into the Halo. A blower at the bottom softens this light, providing a wide down-light spread. Meanwhile, some light remains between the LED panel and the diffuser, allowing Halo to also offer pleasing indirect light through its waffle structure. Halo is available in three sizes and various colors.



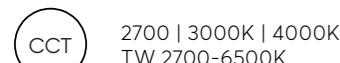
# Halo light 700



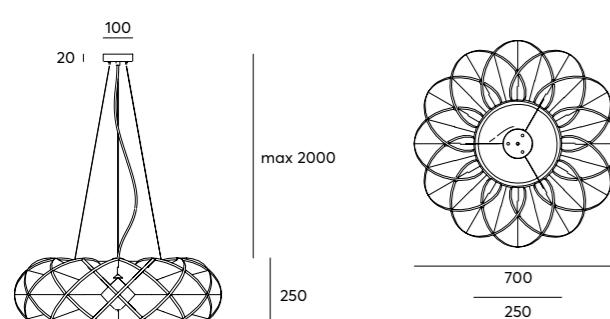
## Material:

PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

## Lighting properties:



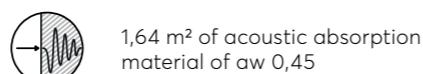
## Dimensions:



## Fixture:

2m black textile cable  
3 black metal wires with adjustable griplock  
Black ceiling cap

## Acoustic properties:



**Total weight gross | net:**  
Parcel size:

4,8kg | 3,3kg  
800x800x400mm

## Mounting:



## Colors:



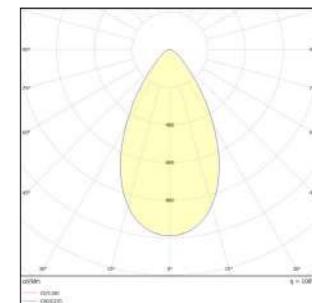
## Light source specifications:

Based on calculations of Halo in colour 26\_Ocean | 3000K | Trailing edge



LED power:	17W
Connection voltage:	220-240V AC
Luminous Flux	880lm
Life time:	L80/B20 100.000h   L90 50.000h
Driver:	Included   Integrated
Control   Dimmable:	Trailing Edge   DALI
Power factor:	52m/W
Optics   Beam of light:	Prismatic diffuser
CCT Color temperature:	2700K 3000K 4000K TW2700-6500
CRI:	Ra >80
UGR:	<22
Operating temperature:	-20 ~ +45

**Photometrics:**  
Lumen intensity distribution



## Acoustic specifications:

The acoustic design principle.

Halo is made to catch sound from the environment. Due to its open waffle structure, soundwaves will enter the acoustic body and are almost completely absorbed by the repeating acoustic PET Felt slats.

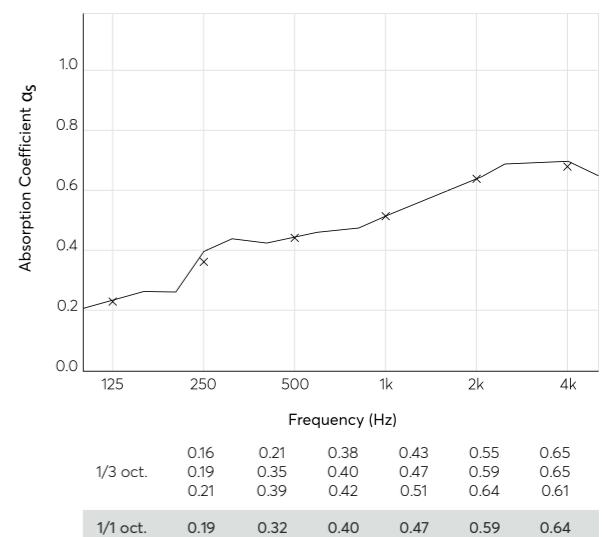
The LED element and acrylic diffusor, will reflect the sound

**Calculated acoustic surface area:** 1,64 m²

**aw (ISO 11654) = 0,45**

SAA (ASTM - C423) = 0,45

**Measurement of 9mm free hanging PET Felt**  
sound absorption calculation in a reverberation room



# Halo light 1000



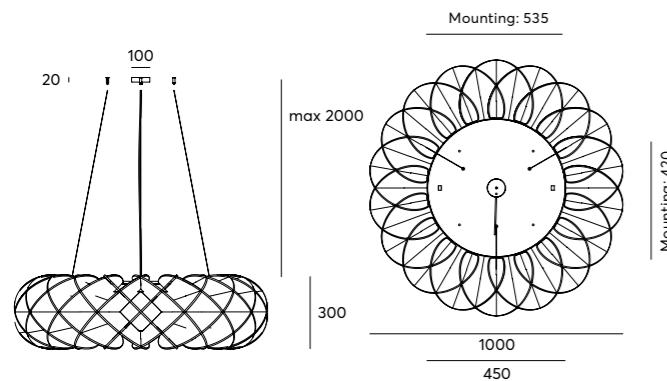
## Material:

PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

## Lighting properties:



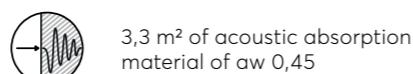
## Dimensions:



## Fixture:

2m black textile cable  
3 black metal wires with adjustable griplock  
Black ceiling cap

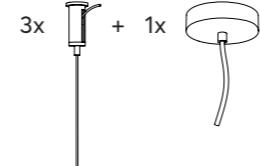
## Acoustic properties:



## Total weight gross | net:

11kg | 9,5kg  
1000x1000x400mm

## Mounting:



## Colors:



## Light source specifications:

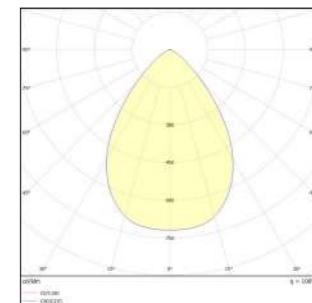
Based on calculations of Halo in colour 26\_Ocean | 3000K | Trailing edge



LED power:	36W
Connection voltage:	220-240V AC
Luminous Flux:	2605lm
Life time:	L80/B20 100.000h   L90 50.000h
Driver:	Included   Integrated
Control/Dimmable:	Trailing Edge   DALI
Power factor:	72lm/W
Optics   Beam of light:	Prismatic diffuser
CCT Color temperature:	2700K 3000K 4000K TW2700-6500
CRI:	Ra >80
UGR:	<22
Operating temperature:	-20 ~ +45

## Photometrics:

Lumen intensity distribution



## Acoustic specifications:

The acoustic design principle.

Halo is made to catch sound from the environment. Due to its open waffle structure, soundwaves will enter the acoustic body and are almost completely absorbed by the repeating acoustic PET Felt slats.

The LED element and acrylic diffusor, will reflect the sound

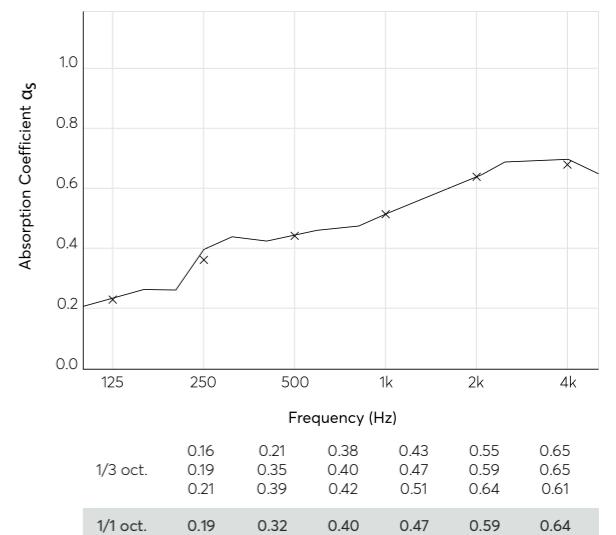
**Calculated acoustic surface area: 3,3 m<sup>2</sup>**

**aw (ISO 11654) = 0,45**

SAA (ASTM - C423) = 0,45

## Measurement of 9mm free hanging PET Felt

sound absorption calculation in a reverberation room



# Halo light 1400



## Material:

PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

## Lighting properties:

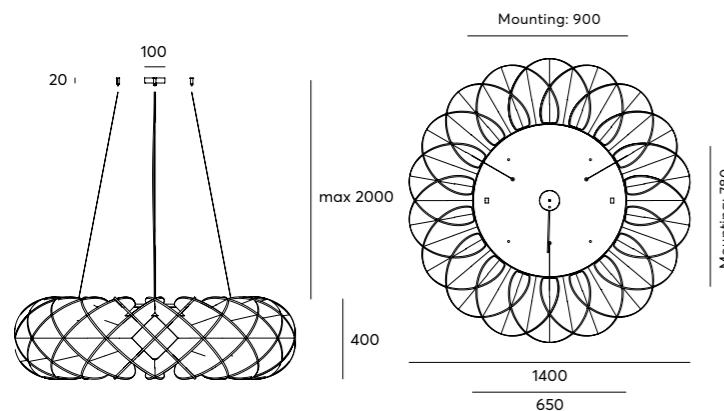


Integrated LED  
64W | 6870lm



Dimmable  
DALI

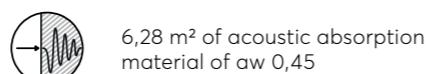
## Dimensions:



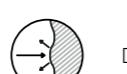
## Fixture:

2m black textile cable  
3 black metal wires with adjustable griplock  
Black ceiling cap

## Acoustic properties:



6,28 m<sup>2</sup> of acoustic absorption  
material of aw 0,45

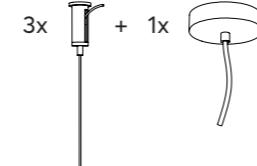


Diffusion by design

## Total weight gross | net: Parcel size:

22,8kg | 19,6kg  
1400x1400x400mm

## Mounting:



## Colors:



## Light source specifications:

Based on calculations of Halo in colour 26\_Ocean | 3000K | DALI

LED power:	64W
Connection voltage:	220-240V AC
Luminous Flux:	4410lm
Life time:	L80/B20 100.000h
Driver:	Included   Integrated
Control   Dimmable:	DALI   Push
Power factor:	2700K/3000K/4000K
Optics   Beam of light:	69lm/W
CCT Color temperature:	Prismatic diffuser
CRI:	2700K   3000K 4000K
UGR:	Ra>80
Operating temperature:	<19
	-20 ~ +45

## Acoustic specifications:

The acoustic design principle.

Halo is made to catch sound from the environment. Due to its open waffle structure, soundwaves will enter the acoustic body and are almost completely absorbed by the repeating acoustic PET Felt slats.

The LED element and acrylic diffusor, will reflect the sound

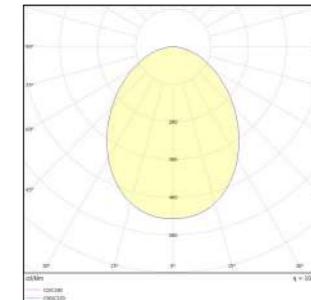
**Calculated acoustic surface area: 6,28 m<sup>2</sup>**

**aw (ISO 11654) = 0,45**

SAA (ASTM - C423) = 0,45

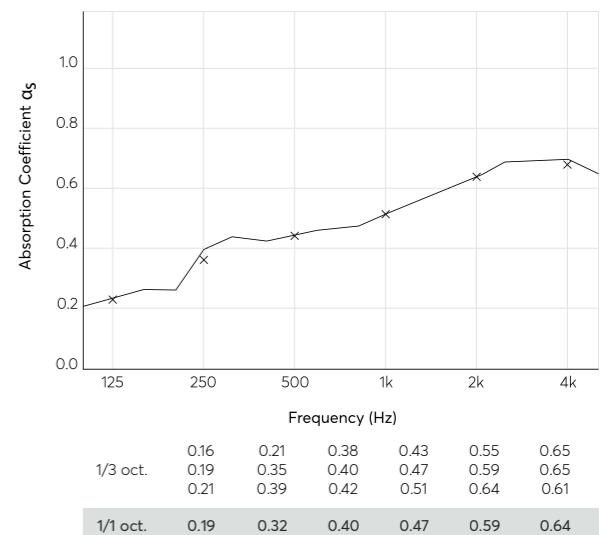
## Photometrics:

Lumen intensity distribution



## Measurement of 9mm free hanging PET Felt

sound absorption calculation in a reverberation room



**Material:**

PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

**Acoustic properties:**

High acoustic absorption  
value of aw 0,45

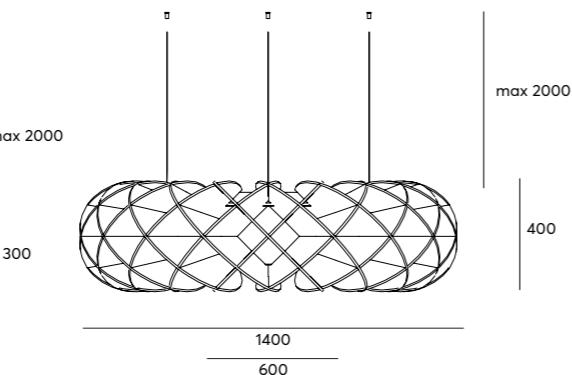
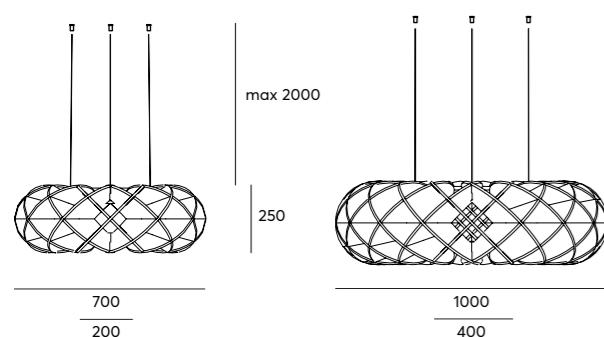


Diffusion by design

**Fixture:**

3 black metal wires with adjustable griplock

**Total weight gross | net:** 2,7 | 1,3kg / 6,3 | 5,0kg / 12,4 | 10,5kg  
**Parcel size:** 800x800x400mm | 1000x1000x400mm | 1400x1400x400mm

**Mounting:** 3x**Dimensions:****Colors:****Acoustic specifications:**

The acoustic design principle.

Halo is made to catch sound from the environment.  
Due to its open waffle structure, soundwaves will enter the acoustic body and are almost completely absorbed by the repeating acoustic PET Felt slats.

The LED element and acrylic diffusor, will reflect the sound

**Halo 700 Calculated acoustic surface area:** 1,64 m<sup>2</sup>

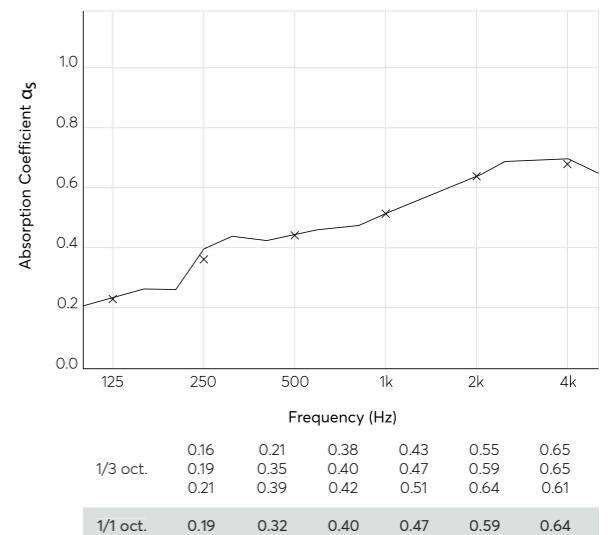
**Halo 1000 Calculated acoustic surface area:** 3,3 m<sup>2</sup>

**Halo 1400 Calculated acoustic surface area:** 6,28 m<sup>2</sup>

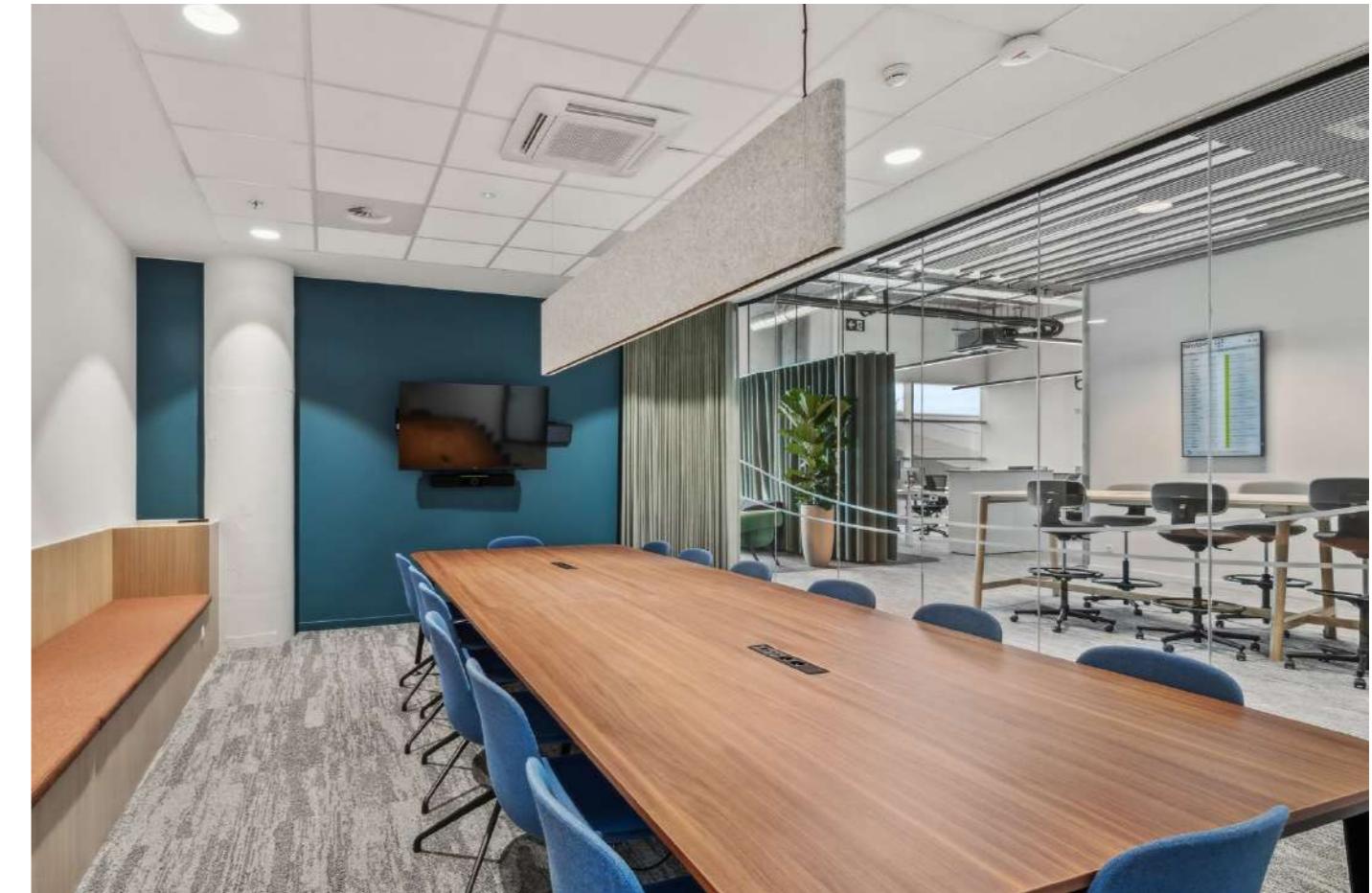
**aw (ISO 11654) = 0,45**

SAA (ASTM - C423) = 0,45

**Measurement of 9mm free hanging PET Felt**  
sound absorption calculation in a reverberation room



# Line



## Minimal form, maximum function

Line is a technical luminaire designed for versatile use from offices and public spaces to residential interiors. Available in 3000K (warm light) or 4000K (neutral work light), it offers both comfort and clarity, depending on your lighting needs.

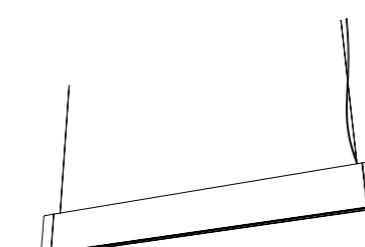
Crafted from acoustic PET Felt, Line comes in various lengths and heights, making it easy to tailor to different spaces. Used individually, it

provides focused illumination above a desk or counter. Combined with its acoustic counterpart, Line transforms into a sleek, minimalist fixture that also improves the acoustic quality of the room.

This allows Line to make a true acoustic design statement on the ceiling combining baffles and fixtures in various colors, lengths, and heights. All without compromising on light output or acoustic performance.



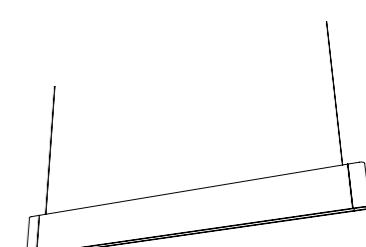
Line light 1290



Line light 2520



Line acoustic 1290

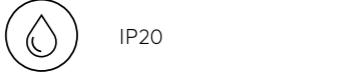


Line acoustic 2520

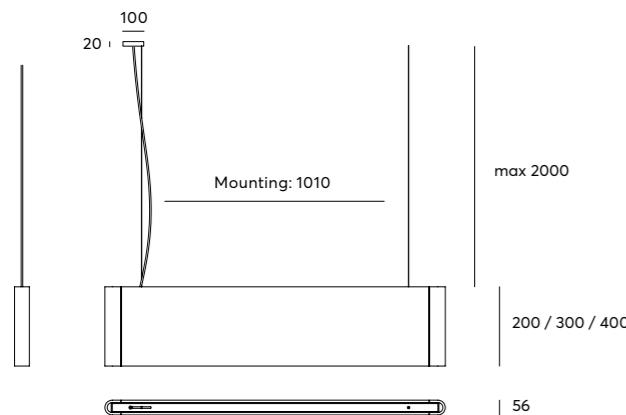


**Material:**  
PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

#### Lighting properties:



#### Dimensions:

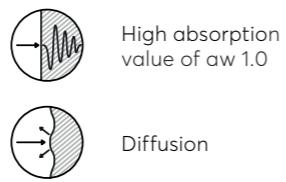


| 56

#### Fixture:

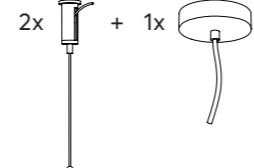
2m black cable  
2 black metal wires with adjustable griplock  
Black ceiling cap and black PET Felt interior (standard)

#### Acoustic properties:



**Total weight gross | net:** 4,9kg | 4,1kg (300mm)  
**Parcel size:** 1400x65x220/320/420mm

#### Mounting:



1290

#### Colors:



#### Light source specifications:

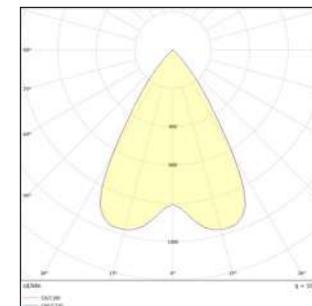
**Cubic reflector** (standard / recommended)



LED power:	17W
Connection voltage:	220-240V AC
Luminous Flux:	2070lm
Life time:	L80/B20 100.000h
Driver:	Included   Integrated
Control   Dimmable:	Not dimmable   DALI
Power factor:	122lm/W
Optics:	Cubic Optic Noir
CCT Color temperature:	3000K 4000K
CRI:	Ra>80
UGR:	<10
Operating temperature:	-20 ~ +45

#### Photometrics:

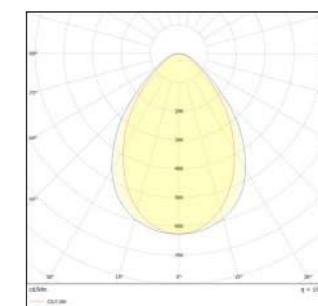
Lumen intensity distribution



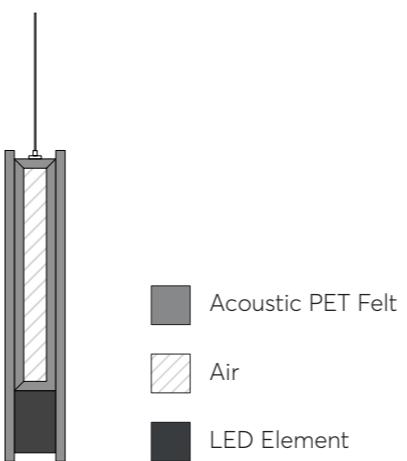
#### Prismatic difusor



LED power:	15W
Connection voltage:	220-240V AC
Luminous Flux:	1810lm
Life time:	47-63HzL90/B10 100.000h
Driver:	Included   Integrated
Control   Dimmable:	Trailing Edge   DALI   Push
Power factor:	122lm/W
Optics:	Prismatic difusor
CCT Color temperature:	3000K 4000K
CRI:	Ra>80
UGR:	<19
Operating temperature:	-20 ~ +45



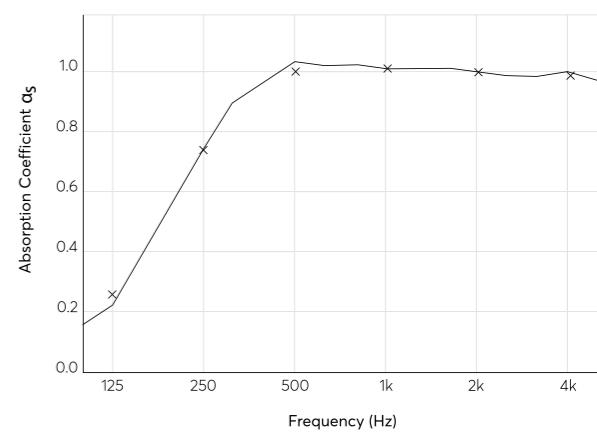
#### Acoustic specifications:



The product is designed with the Sandwich Sound absorbing PET Felt principle. 2x 18mm of PET Felt with a 20mm of Air cavity. Due to the layered effect, the soundwaves are optimally absorbed by the design.

The LED element will reflect the soundwaves

Measurement of sound absorption in a reverberation room  
According to ISO 354:2003



	1/3 oct.	0.16	0.56	0.95	1.01	1.00	0.98
		0.22	0.73	1.02	1.00	0.99	0.99
		0.41	0.89	1.01	1.00	0.98	0.96

	1/1 oct.	0.26	0.73	0.99	1.00	0.99	0.98

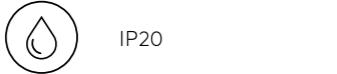
**aw (ISO 11654) = 1,00**

SAA (ASTM - C423) = 0,93

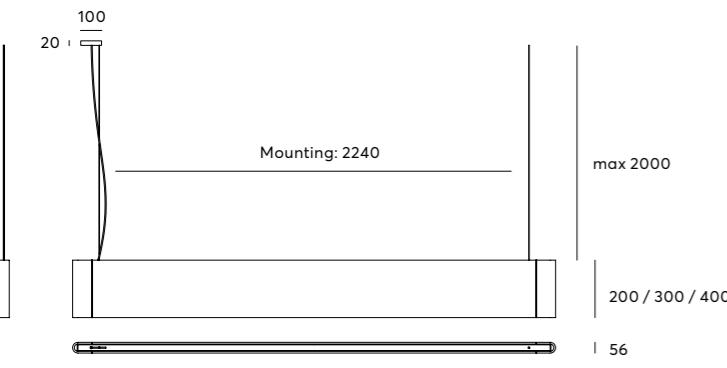


**Material:**  
PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

#### Lighting properties:



#### Dimensions:

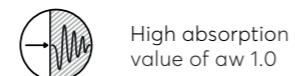


2520

#### Fixture:

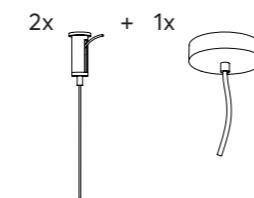
2m black cable  
2 black metal wires with adjustable griplock  
Black ceiling cap and black PET Felt interior (standard)

#### Acoustic properties:



**Total weight gross | net:** 9,8kg | 9kg (300mm)  
**Parcel size:** 2650x65x220/320/420mm

#### Mounting:



56

#### Colors:



#### Light source specifications:

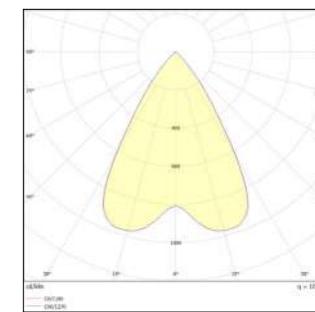
**Cubic reflector** (standard / recommended)



LED power:	34W
Connection voltage:	220-240V AC
Luminous Flux:	4140lm
Life time:	L80/B20 100.000h
Driver:	Included   Integrated
Control   Dimmable:	Not dimmable   DALI
Power factor:	122lm/W
Optics:	Cubic Optic Noir
CCT Color temperature:	3000K 4000K
CRI:	Ra>80
UGR:	<10
Operating temperature:	-20 ~ +45

#### Photometrics:

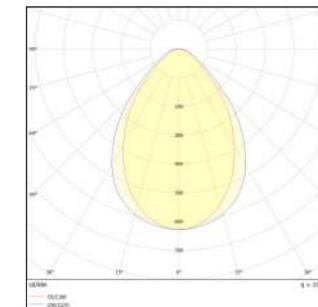
Lumen intensity distribution



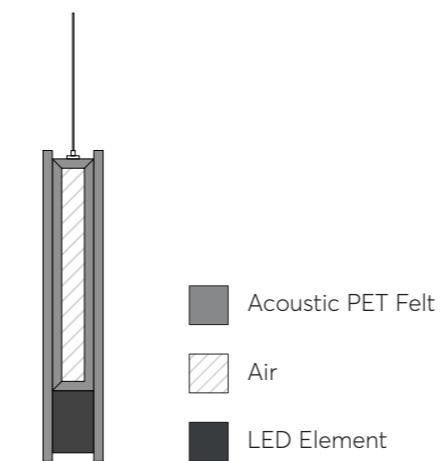
#### Prismatic difusor



LED power:	30W
Connection voltage:	220-240V AC
Luminous Flux:	3846lm
Life time:	L90/B10 100.000h
Driver:	Included   Integrated
Control   Dimmable:	Trailing Edge   DALI   Push
Power factor:	122lm/W
Optics:	Prismatic difusor
CCT Color temperature:	3000K 4000K
CRI:	Ra>80
UGR:	<19
Operating temperature:	-20 ~ +45



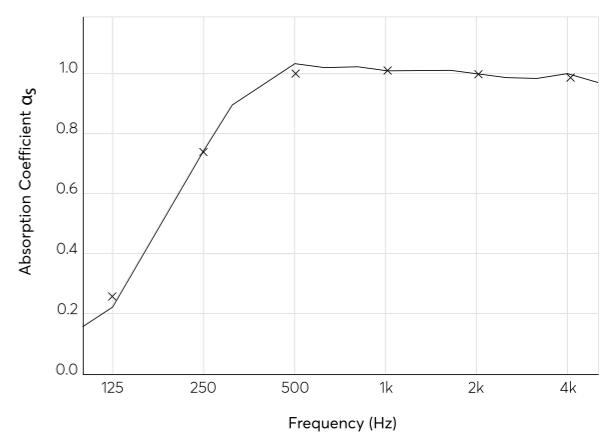
#### Acoustic specifications:



The product is designed with the Sandwich Sound absorbing PET Felt principle. 2x 18mm of PET Felt with a 20mm of Air cavity. Due to the layered effect, the sound-waves are optimally absorbed by the design.

The LED element will reflect the soundwaves

Measurement of sound absorption in a reverberation room  
According to ISO 354:2003

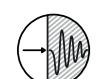


**aw (ISO 11654) = 1,00**

SAA (ASTM - C423) = 0,93

**Material:**

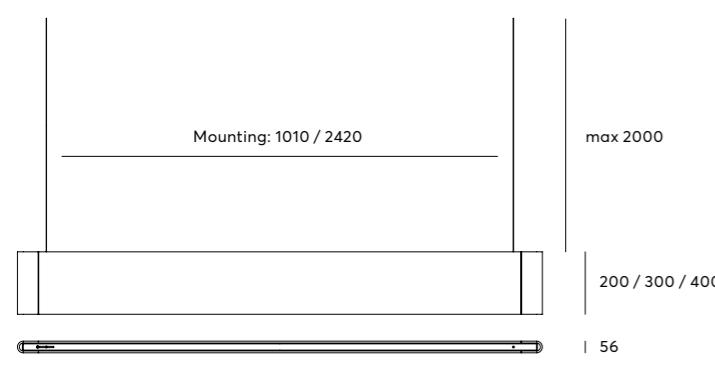
PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

**Acoustic properties:**

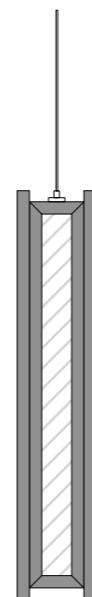
High absorption  
value of aw 1.0



Diffusion

**Dimensions:**

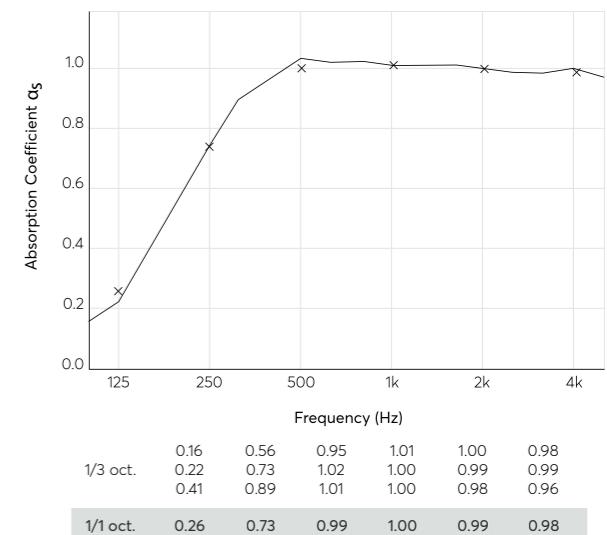
**Total weight gross | net:** 3,1 | 2,3kg / 4,7 | 3,9kg (300mm)  
**Parcel size:** 1400x65x220/320/420mm  
2650x65x220/320/420mm

**Mounting:****Colors:****Acoustic specifications:**

■ Acoustic PET Felt  
▨ Air

The product is designed using the 'Sandwich Sound' principle: two layers of 18 mm PET Felt with a 20 mm air cavity in between. This layered construction enhances sound absorption.

Measurement of sound absorption in a reverberation room  
According to ISO 354:2003



**aw (ISO 11654) = 1,00**

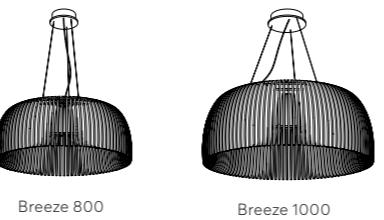
SAA (ASTM - C423) = 0,93

# Breeze

Breeze brings together functionality, acoustics, and aesthetics in a single, elegant design. Inspired by natural, rounded forms, the spherical shade houses a high-quality LED panel that emits soft, diffused light through its slats creating a warm and inviting atmosphere.

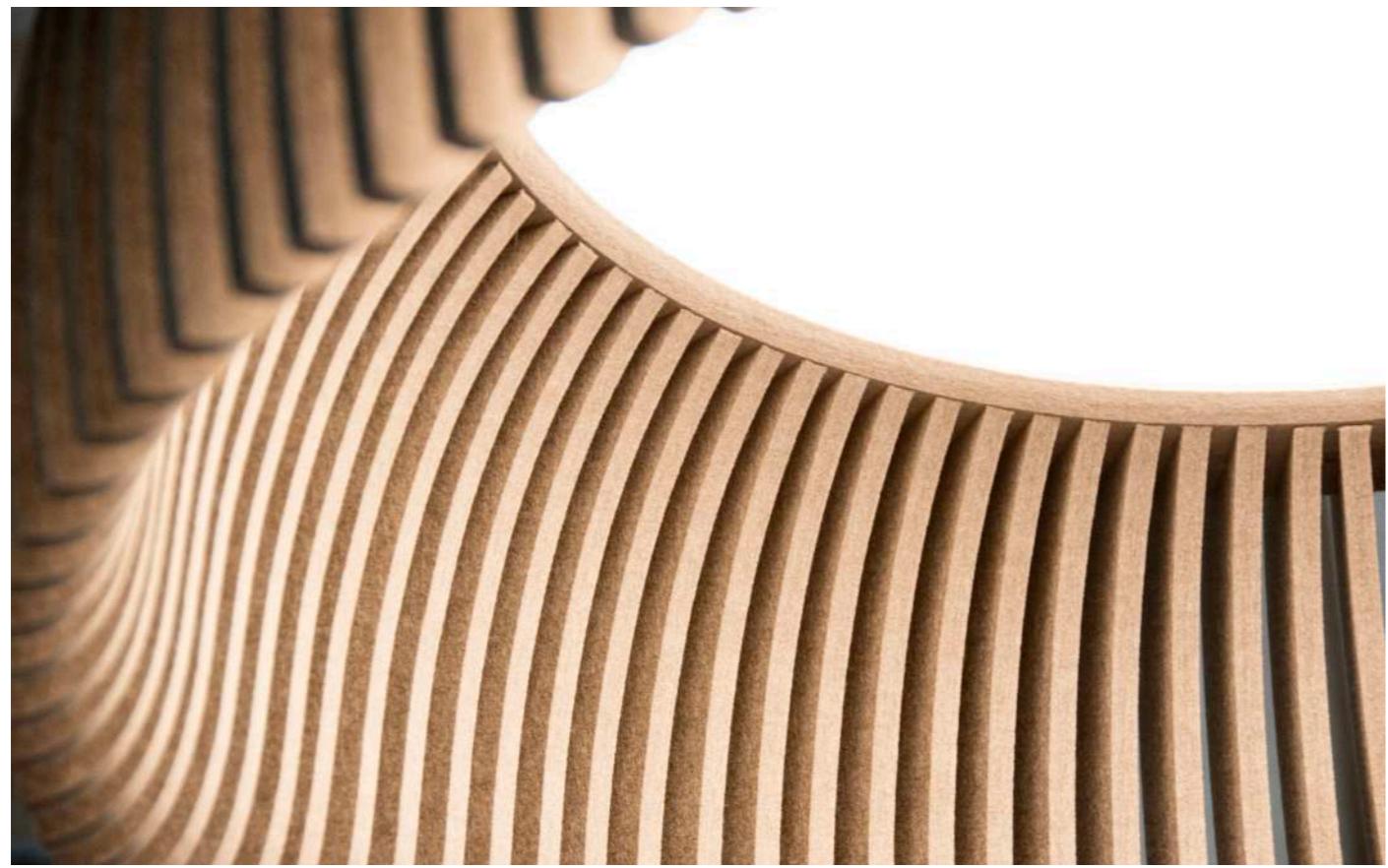
The organically shaped slats not only enhance acoustic performance but also contribute to smooth light diffusion.

Available in two sizes and a variety of PET Felt colors, Breeze offers both design flexibility and technical performance. The LED panel delivers consistent, even illumination, with multiple options in color temperature and dimming to match different environments and moods.



Breeze 800

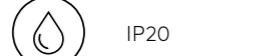
Breeze 1000



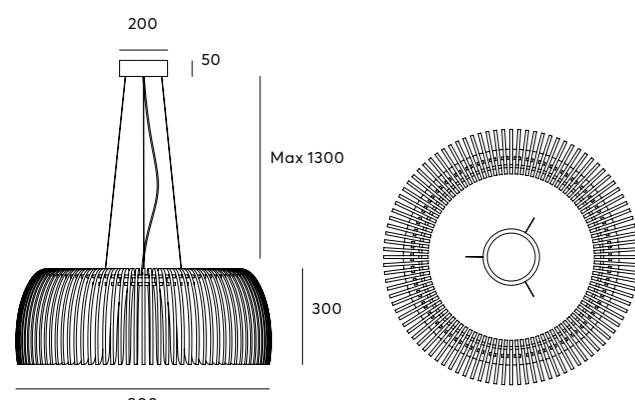


**Material:**  
PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

#### Lighting properties:



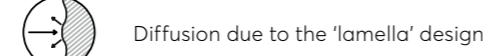
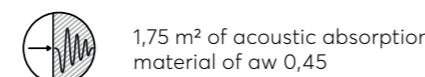
#### Dimensions:



#### Fixture:

1,3m transparent cable  
3 metal wires with adjustable griplock  
Black ceiling cap

#### Acoustic properties:



**Total weight gross | net:** 11,3 | 10,2kg  
**Parcel size Flat pack product\*** 730x730x150mm

#### Mounting:

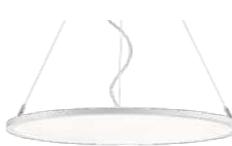


#### Colors:



#### Light source specifications:

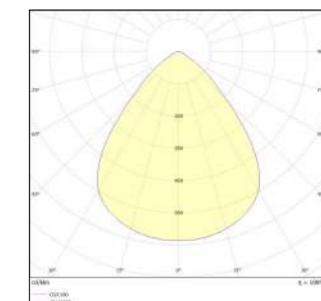
Based on calculations of Breeze 800 in colour 26\_Ocean | 3000K | Trailing edge



LED power:	40W
Connection voltage:	220-240V AC
Luminous Flux:	3000K/4000K 4202lm / 4421lm
Life time:	L80/B50 44.000h
Driver:	Included   Integrated
Control/Dimmable:	Trailing Edge   DALI
Power factor:	3000K/4000K 105lm/W 110lm/W
Optics   Beam of light:	prismatic difuser   90°
CCT Color temperature:	3000K 4000K
CRI:	Ra >90
UGR:	<19
Operating temperature:	-20 ~ +45

#### Photometrics:

Lumen intensity distribution



#### Acoustic specifications:

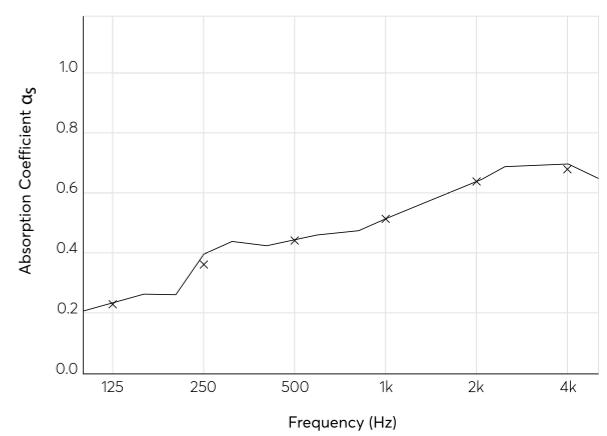
The acoustic design principle.

Breeze is designed to capture sound directly at its source — in spaces like meeting rooms or over meeting tables. Its structure, featuring acoustic lamellae, effectively absorbs and diffuses sound waves for improved acoustic comfort.

The LED element, will reflect the soundwaves

#### Measurement of 9mm free hanging PET Felt

sound absorption calculation in a reverberation room



	1/3 oct.	0.16	0.21	0.38	0.43	0.55	0.65
1/3 oct.	0.16	0.21	0.35	0.40	0.47	0.59	0.65
1/1 oct.	0.21	0.39	0.42	0.51	0.64	0.61	

	1/1 oct.	0.19	0.32	0.40	0.47	0.59	0.64

#### Calculated acoustic surface area: 1,75 m²

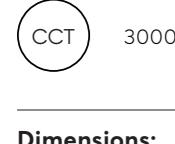
#### aw (ISO 11654) = 0,45

SAA (ASTM - C423) = 0,45

\* Products for export will be shipped Flat packed. Needs to be assembled by customer on location.  
Within The Netherlands, shipped by Lumeneur's own transport logistics and with additional charge.  
On request, the product can be delivered assembled.

**Material:**

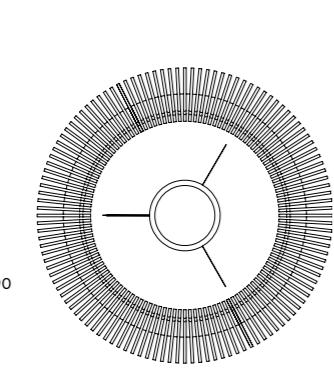
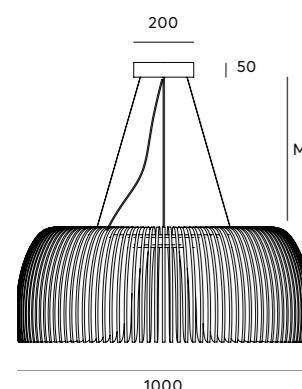
PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

**Lighting properties:**Integrated LED  
62W | 5883lmDimmable  
DALI

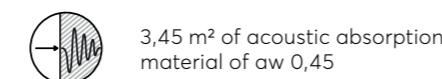
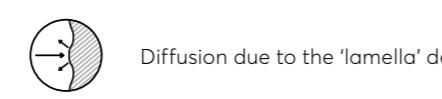
3000K | 4000K



IP20

**Dimensions:****Fixture:**

5m transparent cable  
3 metal wires with adjustable griplock  
Black ceiling cap

**Acoustic properties:**3,45 m<sup>2</sup> of acoustic absorption  
material of aw 0,45

Diffusion due to the 'lamella' design

**Total weight gross | net:**

14,6 | 12,8kg

Parcel size Flat pack product\*

**Mounting:**

\* Products for export will be shipped flat packed. Needs to be assembled by customer on location.  
Within The Netherlands, shipped by Lumeneer's own transport logistics and with additional charge.  
On request, the product can be delivered assembled.

**Colors:****Light source specifications:**

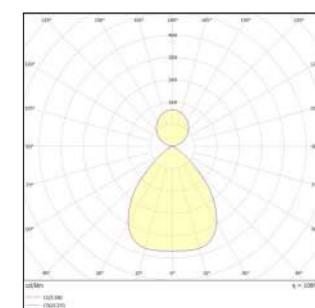
Based on calculations of Breeze 800 in colour 26\_Ocean | 3000K | Trailing edge



LED power:	62W
Connection voltage:	220-240V AC
Luminous Flux:	5883lm
Direct / Indirect lighting:	60% / 40%
Life time:	L80/B20 50.000h
Driver:	Included   Integrated
Control/Dimmable:	DALI
Power factor:	95lm/W
Optics   Beam of light:	Acrylic prismatic Lens   90°
CCT Color temperature:	3000K/4000K
CRI:	Ra >80
UGR:	<19
Operating temperature:	-20 ~ +45

**Photometrics:**

Lumen intensity distribution

**Acoustic specifications:**

The acoustic design principle.

Breeze is designed to capture sound directly at its source — in spaces like meeting rooms or over meeting tables. Its structure, featuring acoustic lamellae, effectively absorbs and diffuses sound waves for improved acoustic comfort.

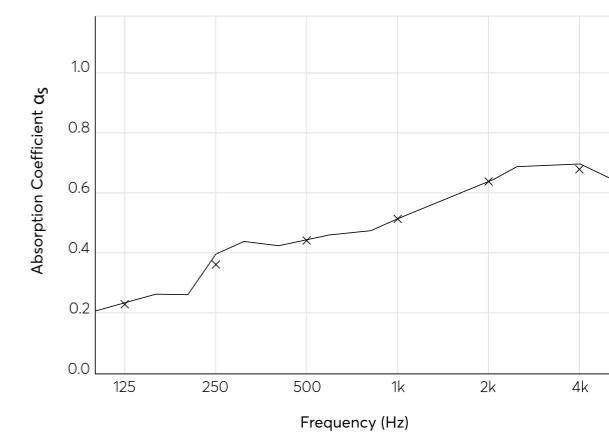
The LED element, will reflect the soundwaves

**Calculated acoustic surface area: 3,45 m<sup>2</sup>****aw (ISO 11654) = 0,45**

SAA (ASTM - C423) = 0,45

**Measurement of 9mm free hanging PET Felt**

sound absorption calculation in a reverberation room

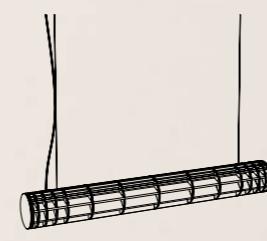


	1/3 oct.	0.16	0.21	0.38	0.43	0.55	0.65
1/3 oct.	0.16	0.21	0.35	0.40	0.47	0.59	0.65
1/1 oct.	0.21	0.39	0.42	0.51	0.64	0.61	

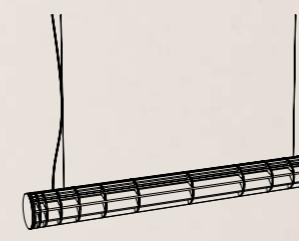
# Column

Column is a cylindrical, technically refined acoustic light fixture that offers both versatility and visual impact. Available in two sizes, it can be used individually or grouped to create a playful and dynamic ceiling composition — especially when combined with its acoustic-only variant.

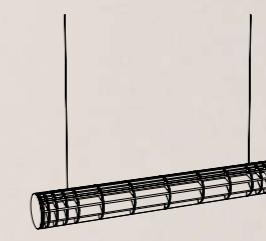
Equipped with a high-quality integrated LED tube light, Column delivers excellent light performance. Its bold form and functional design make it a true statement piece in any space.



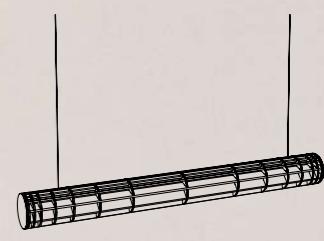
Column light 1600



Column light 2000

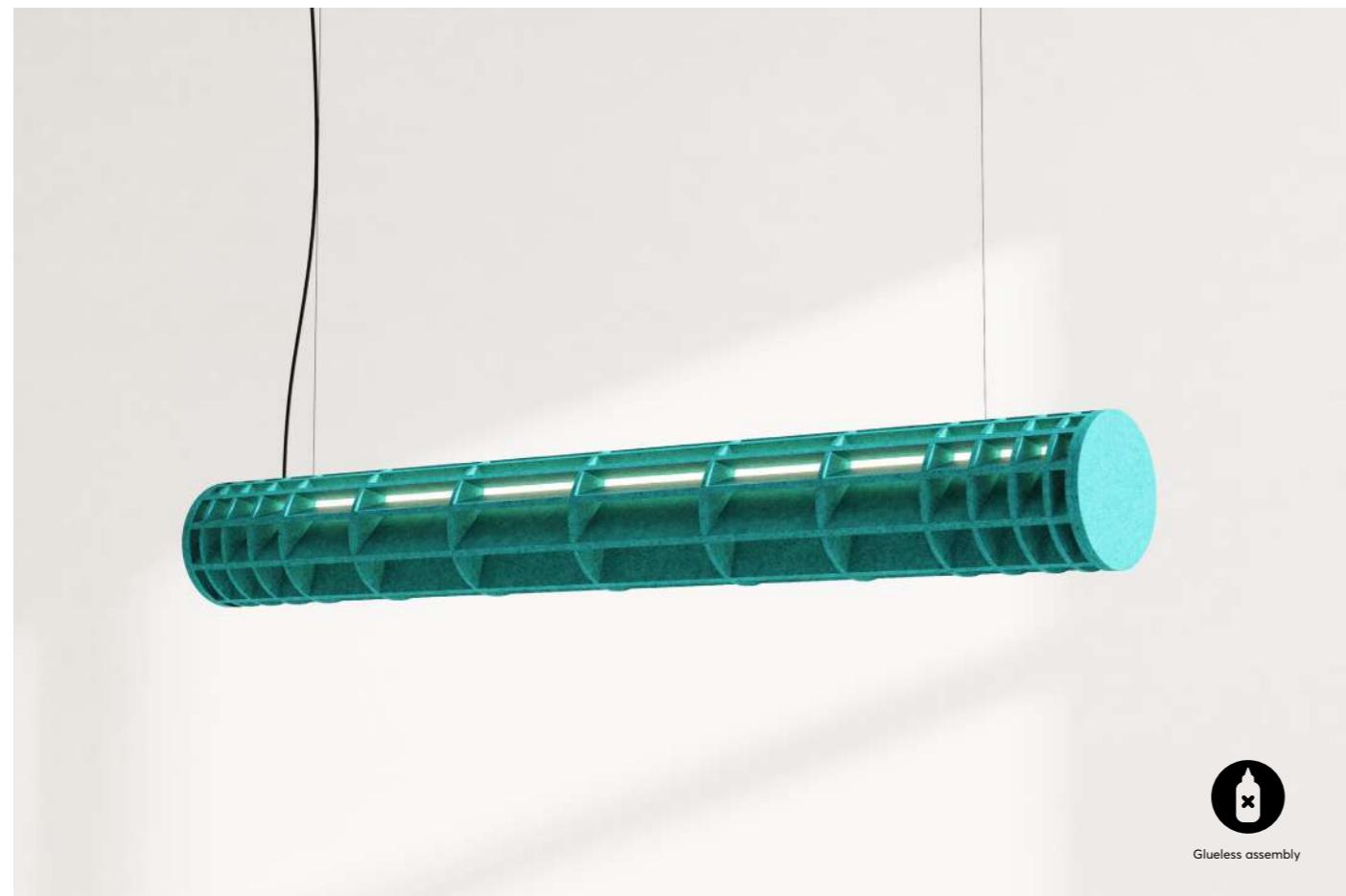


Column acoustic 1600



Column acoustic 2000

## Column light 1600

**Material:**

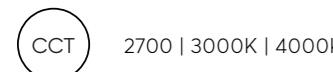
PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

**Lighting properties:**

Integrated LED  
24W | 520lm



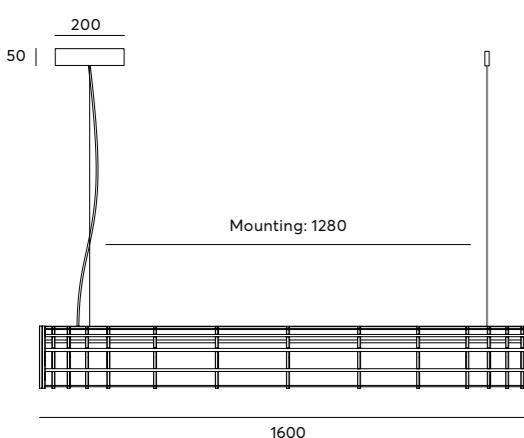
Dimmable  
Trailing edge (RC) | DALI



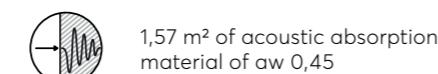
2700 | 3000K | 4000K



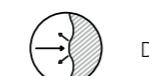
IP20

**Dimensions:****Fixture:**

2m black textile cable  
2 black metal wires with adjustable griplock  
Black ceiling cap

**Acoustic properties:**

1,57 m<sup>2</sup> of acoustic absorption  
material of aw 0,45



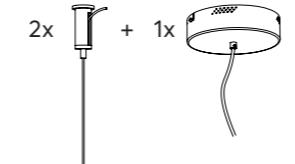
Diffusion due to the 'radial' design

**Total weight gross | net:**

3,3kg | 2,5kg

**Parcel size:**

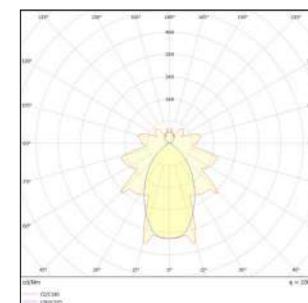
1700x200x200mm

**Mounting:****Colors:****Light source specifications:**

Based on calculations of Column 1600 in colour 26\_Ocean | 3000K | Trailing edge



LED power:	24W
Connection voltage:	220-240V AC
Luminous Flux:	520lm
Frequency:	47-63Hz
Driver:	Included/Integrated
Control   Dimmable:	Trailing Edge   DALI
Power factor:	22lm/W
Optics   Beam of light:	Acrylic difusor   270°
CCT Color temperature:	2700K 3000K 4000K
CRI:	Ra95
Operating temperature:	-20 ~ +45

**Photometrics:**  
Lumen intensity distribution**Acoustic specifications:**

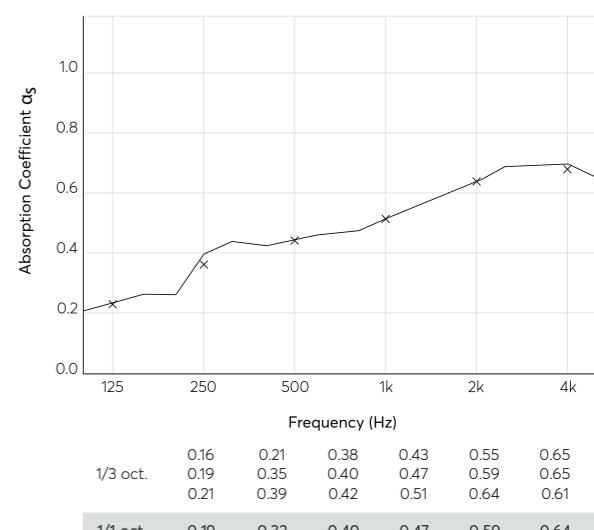
The acoustic design principle.

Column is designed for use in large open spaces with high ceilings or as a clustered installation above tables. Its radial shape allows sound waves to be effectively captured and absorbed by its open structure.

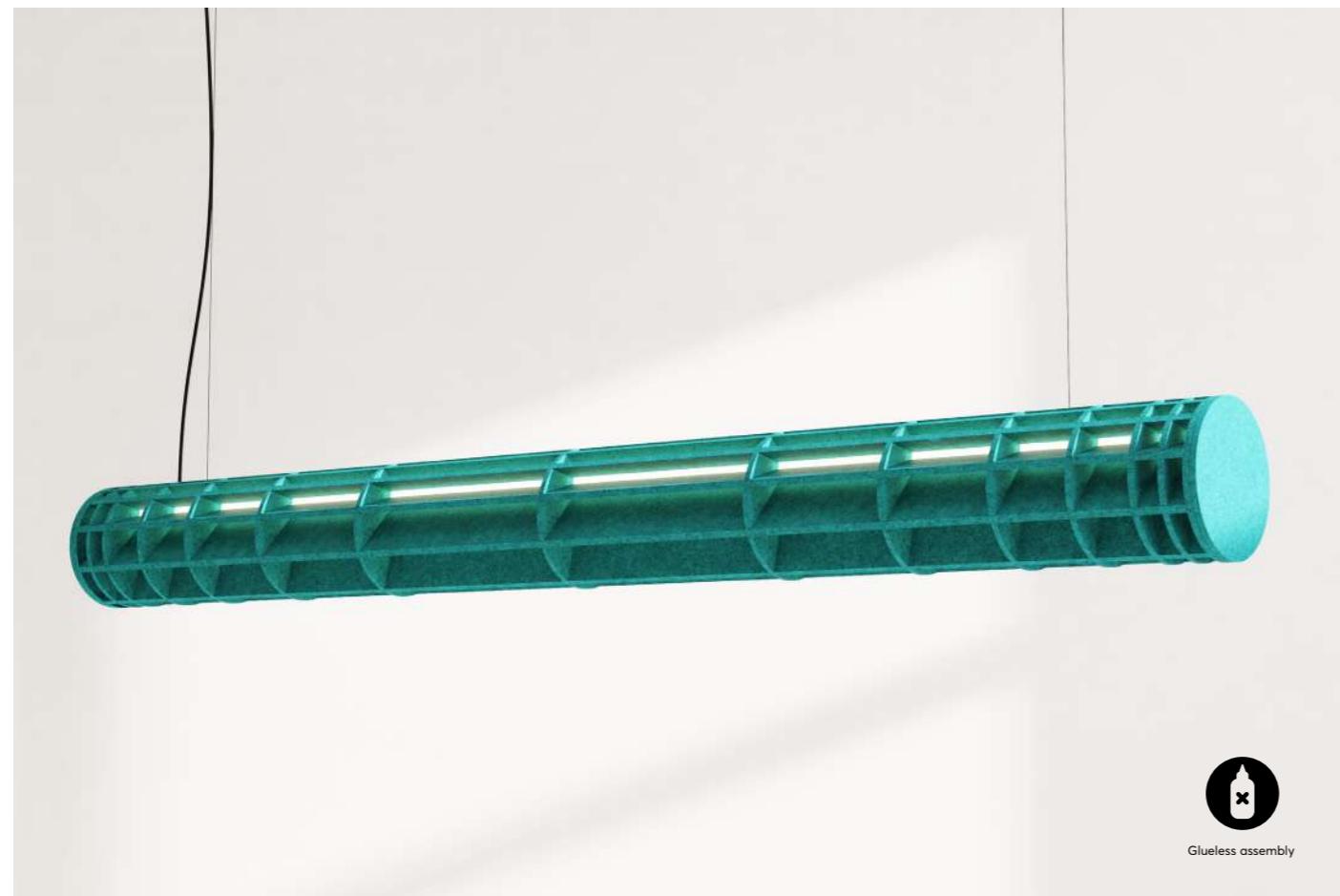
For optimal acoustic performance and visual impact, we recommend clustering multiple Columns. This not only creates a striking installation but also increases the overall sound-absorbing volume within the space.

**Calculated acoustic surface area: 1,57 m<sup>2</sup>****aw (ISO 11654) = 0,45**

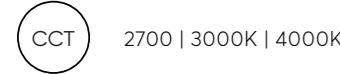
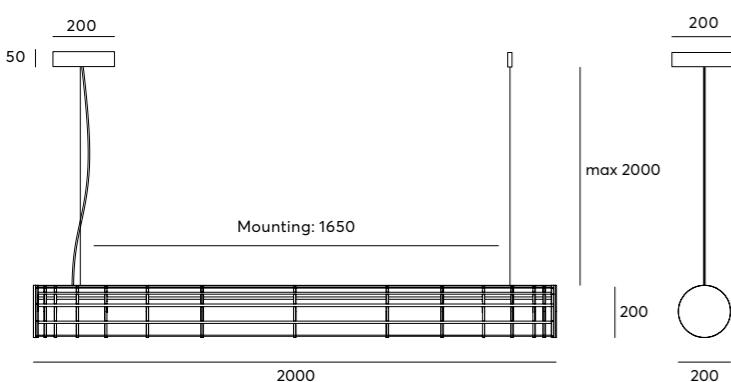
SAA (ASTM - C423) = 0,45

**Measurement of 9mm free hanging PET Felt**  
sound absorption calculation in a reverberation room

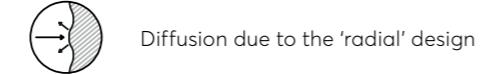
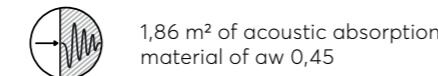
## Column light 2000

**Material:**

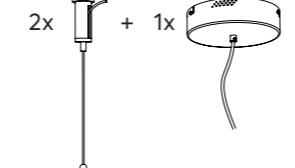
PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

**Lighting properties:****Dimensions:****Fixture:**

2m black textile cable  
2 black metal wires with adjustable griplock  
Black ceiling cap

**Acoustic properties:****Total weight gross | net:**

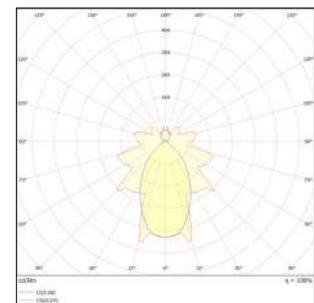
4,6kg | 3,8kg  
2100x200x200mm

**Mounting:****Colors:****Light source specifications:**

Based on calculations of Column 1600 in colour 26\_Ocean | 3000K | Trailing edge



LED power:	32W
Connection voltage:	220-240V AC
Luminous Flux:	620lm
Frequency:	47-63Hz
Driver:	Included/Integrated
Control   Dimmable:	Trailing Edge   DALI
Power factor:	20lm/W
Optics   Beam of light:	Acrylic difusor   270°
CCT Color temperature:	2700K 3000K 4000K
CRI:	Ra95
Operating temperature:	-20 ~ +45

**Photometrics:**  
Lumen intensity distribution**Acoustic specifications:**

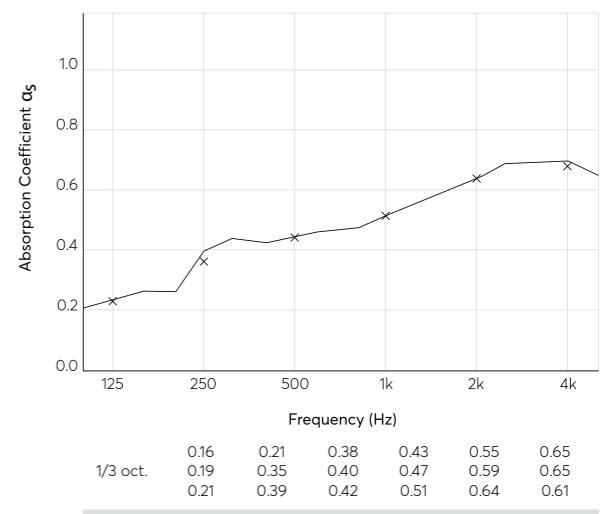
The acoustic design principle.

Column is designed for use in large open spaces with high ceilings or as a clustered installation above tables. Its radial shape allows sound waves to be effectively captured and absorbed by its open structure.

For optimal acoustic performance and visual impact, we recommend clustering multiple Columns. This not only creates a striking installation but also increases the overall sound-absorbing volume within the space.

**Calculated acoustic surface area: 1,86 m²****aw (ISO 11654) = 0,45**

SAA (ASTM - C423) = 0,45

**Measurement of 9mm free hanging PET Felt**  
sound absorption calculation in a reverberation room

# Column acoustic



## Material:

PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

## Acoustic properties:

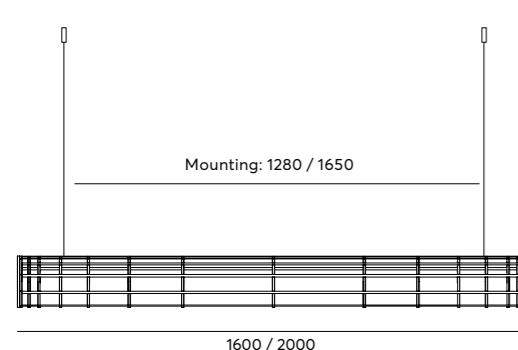


High acoustic absorption  
value of aw 0,45



Diffusion due to the 'radial' design

## Dimensions:



## Total weight gross | net: Parcel size:

2,6|1,8kg / 3,2|2,5kg  
1700x200x200mm  
2100x200x200mm

## Mounting:



## Colors:



## Acoustic specifications:

The acoustic design principle.

Column is designed for use in large open spaces with high ceilings or as a clustered installation above tables. Its radial shape allows sound waves to be effectively captured and absorbed by its open structure.

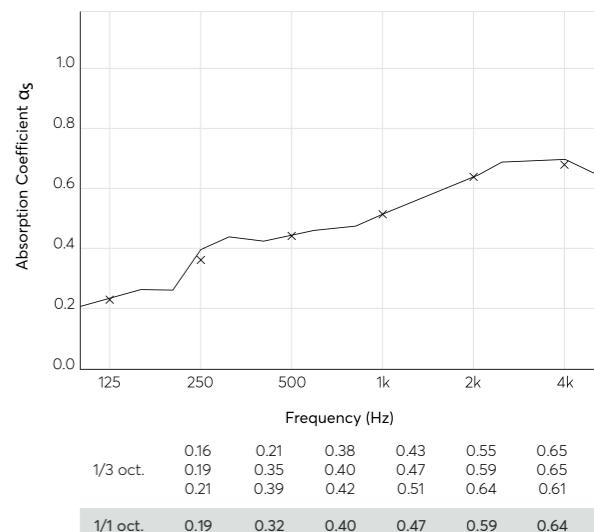
For optimal acoustic performance and visual impact, we recommend clustering multiple Columns. This not only creates a striking installation but also increases the overall sound-absorbing volume within the space.

**Calculated acoustic surface area: 1,86 m<sup>2</sup>**

**aw (ISO 11654) = 0,45**

SAA (ASTM - C423) = 0,45

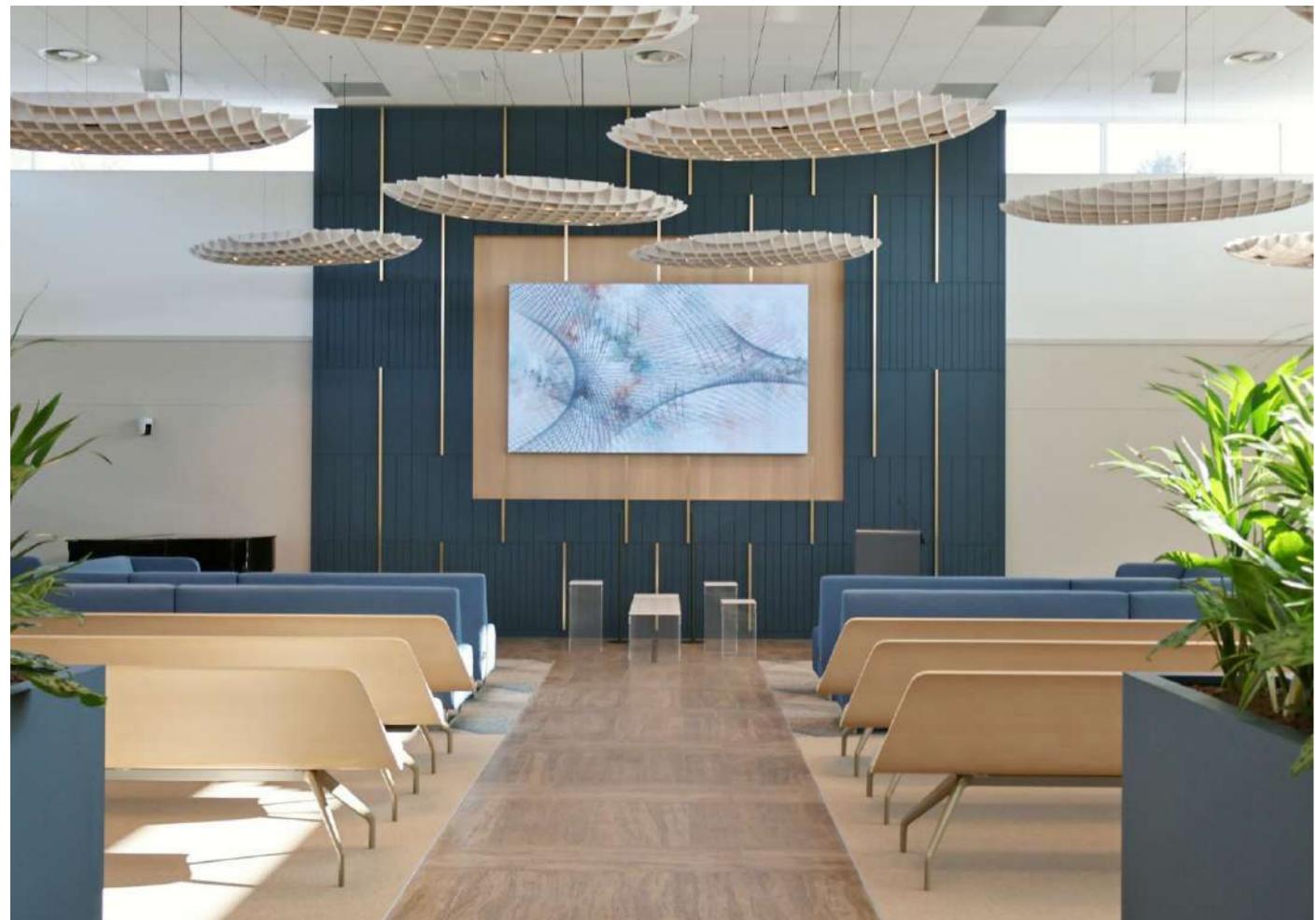
**Measurement of 9mm free hanging PET Felt**  
sound absorption calculation in a reverberation room



# Cloud

Cloud is a high-performance acoustic ceiling island designed for large, open spaces. Its generous size and rounded shape provide excellent sound absorption, making it ideal for offices, hallways, and communal areas.

Cloud captures sound from all directions. Suspended from the ceiling, it also absorbs reflected noise, enhancing overall acoustic comfort. With optional integrated LED spotlights, Cloud is perfect above meeting tables or workstations — combining functional lighting with acoustic performance in a striking, sculptural form.



Cloud light round   Cloud light oval   Cloud light round XL   Cloud acoustic round   Cloud acoustic oval   Cloud acoustic round XL

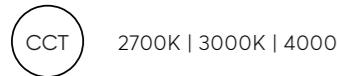
# Cloud light round



## Material:

PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

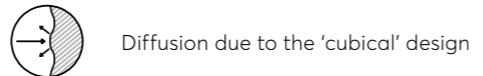
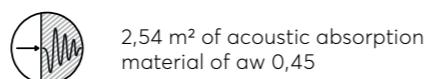
## Lighting properties:



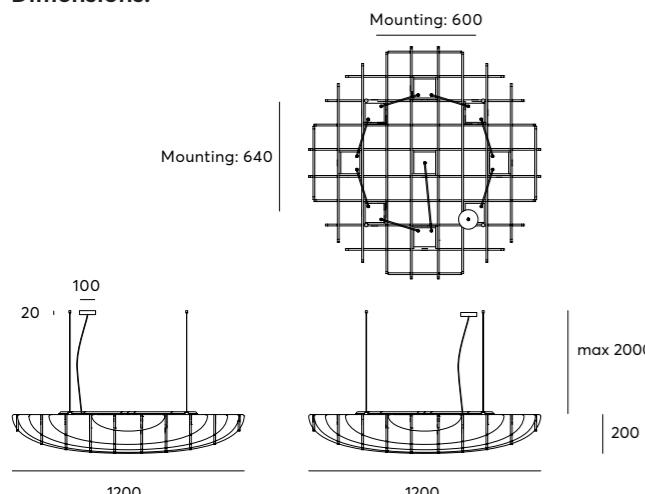
## Fixture:

2m black textile cable  
4 black metal wires with adjustable griplock  
Black ceiling cap

## Acoustic properties:



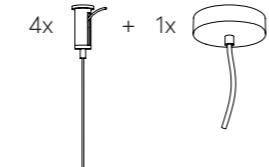
## Dimensions:



**Total weight gross | net:**  
**Parcel size Flat pack product\***

7,8kg | 6,4kg  
1340x480x230mm

## Mounting:

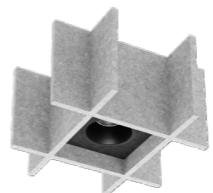


\* Products for export will be shipped flat packed. Needs to be assembled by customer on location.  
Within The Netherlands, shipped by Lumeneer's own transport logistics and with additional charge.  
On request, the product can be delivered assembled.

## Colors:

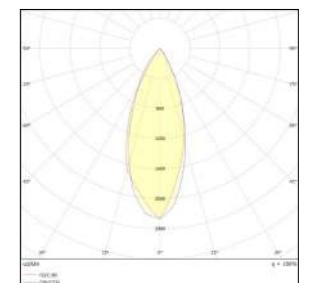


## Light source specifications:



LED power:	9x 6W
Connection voltage:	220-240V DC
Luminous Flux:	9x 400lm
Frequency:	47-63Hz
Driver:	Included/Integrated
Control/Dimmable:	Trailing edge (RC)
Power factor:	122lm/W
Beam of light:	40°
CCT Color temperature:	2700K 3000K 4000K
CRI:	Ra>80
UGR:	<10
Operating temperature:	-20 ~ +40

**Photometrics:**  
Lumen intensity distribution from one single spot light



## Acoustic specifications:

The acoustic design principle.

Cloud Light is designed to effectively capture sounds. Cloud features an open, layered structure that allows sound waves to enter and be absorbed from multiple directions.

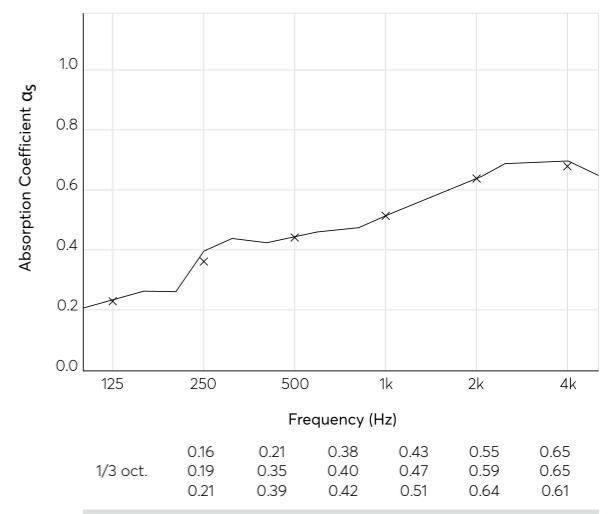
This design significantly reduces background noise and reverberation, helping to create a calmer, more focused atmosphere in any space.

**Calculated acoustic surface area: 2,54 m<sup>2</sup>**

**aw (ISO 11654) = 0,45**

SAA (ASTM - C423) = 0,45

**Measurement of 9mm free hanging PET Felt**  
sound absorption calculation in a reverberation room



# Cloud light oval



## Material:

PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

## Lighting properties:

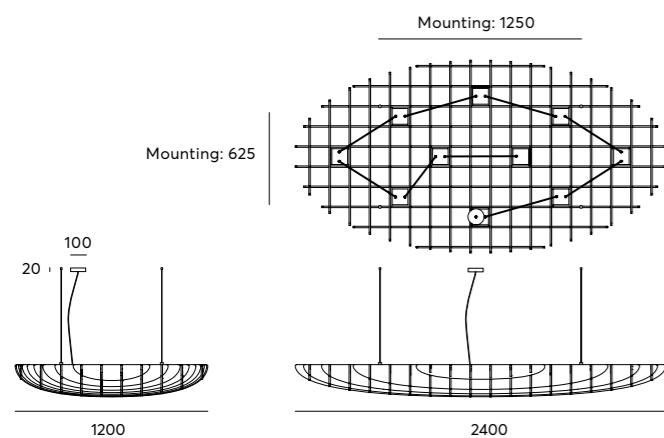


Integrated LED  
10x 6W | 10x 400lm



Dimmable  
Trailing edge (RC)  
(DALI Phase cut dim Add On)

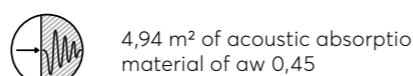
## Dimensions:



## Fixture:

2m black textile cable  
4 black metal wires with adjustable griplock  
Black ceiling cap

## Acoustic properties:



4,94 m<sup>2</sup> of acoustic absorption  
material of aw 0,45

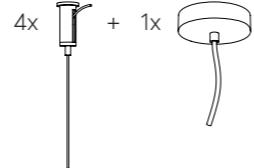


Diffusion due to the 'cubical' design

## Total weight gross | net:

11,4kg | 9,9kg  
Parcel size Flat pack product\*

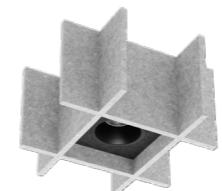
## Mounting:



## Colors:



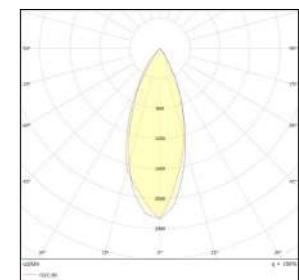
## Light source specifications:



LED power:	10x 6W
Connection voltage:	220-240V DC
Luminous Flux:	10x 400lm
Frequency:	47-63Hz
Driver:	Included/Integrated
Control/Dimmable:	Trailing edge (RC)
Power factor:	122lm/W
Beam of light:	40°
CCT Color temperature:	2700K 3000K 4000K
CRI:	Ra>80
UGR:	<10
Operating temperature:	-20 ~ +40

## Photometrics:

Lumen intensity distribution  
from one single spot light



## Acoustic specifications:

The acoustic design principle

Cloud Light is designed to effectively capture sounds. Cloud features an open, layered structure that allows sound waves to enter and be absorbed from multiple directions.

This design significantly reduces background noise and reverberation, helping to create a calmer, more focused atmosphere in any space.

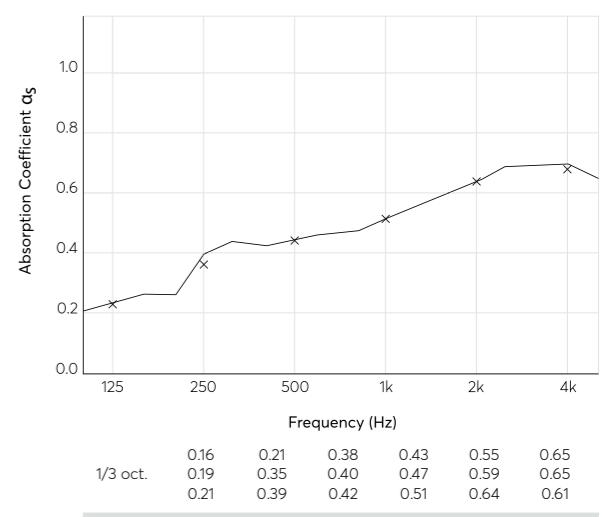
**Calculated acoustic surface area: 4,94 m<sup>2</sup>**

**aw (ISO 11654) = 0,45**

SAA (ASTM - C423) = 0,45

## Measurement of 9mm free hanging PET Felt

sound absorption calculation in a reverberation room



\* Products for export will be shipped Flat packed. Needs to be assembled by customer on location.  
Within The Netherlands, shipped by Lumeneer's own transport logistics and with additional charge.  
On request, the product can be delivered assembled.

# Cloud light round XL



## Material:

PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

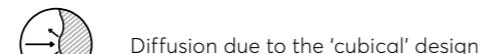
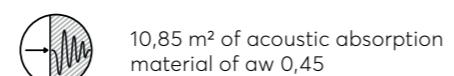
## Lighting properties:



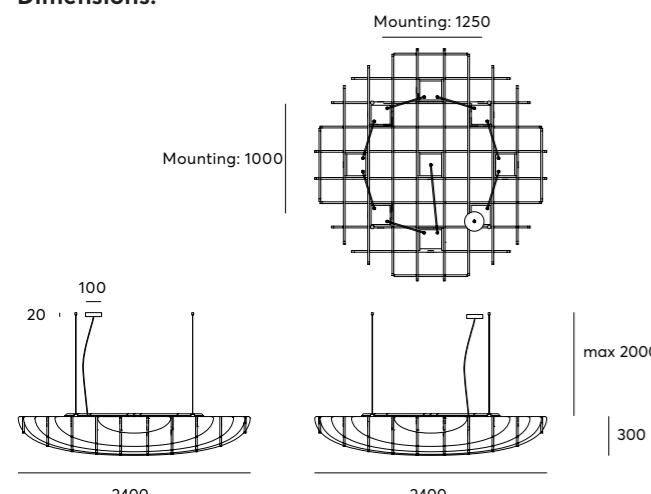
## Fixture:

2m black textile cable  
4 black metal wires with adjustable griplock  
Black ceiling cap

## Acoustic properties:



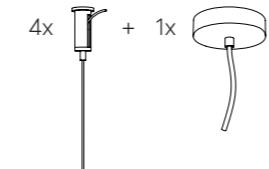
## Dimensions:



**Total weight gross | net:**  
**Parcel size Flat pack product\***

22,2kg | 20,8kg  
1340x850x350mm

## Mounting:

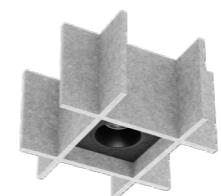


\* Products for export will be shipped flat packed. Needs to be assembled by customer on location.  
Within The Netherlands, shipped by Lumeneer's own transport logistics and with additional charge.  
On request, the product can be delivered assembled.

## Colors:

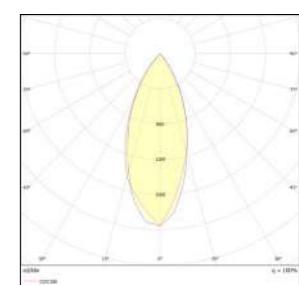


## Light source specifications:



LED power:	9x 9W
Connection voltage:	220-240V AC
Luminous Flux:	9x 500lm
Life time:	L70/B50 44.000h
Driver:	Included   Integrated
Control   Dimmable:	Trailing Edge
Power factor:	9x 0,9lm/W
Beam of light:	40°
CCT Color temperature:	2700K 3000K 4000K
CRI:	Ra >80
UGR:	<17
Operating temperature:	-20 ~ +45

**Photometrics:**  
Lumen intensity distribution from one single spot light



## Acoustic specifications:

The acoustic design principle.

Cloud Light is designed to effectively capture sounds. Cloud features an open, layered structure that allows sound waves to enter and be absorbed from multiple directions.

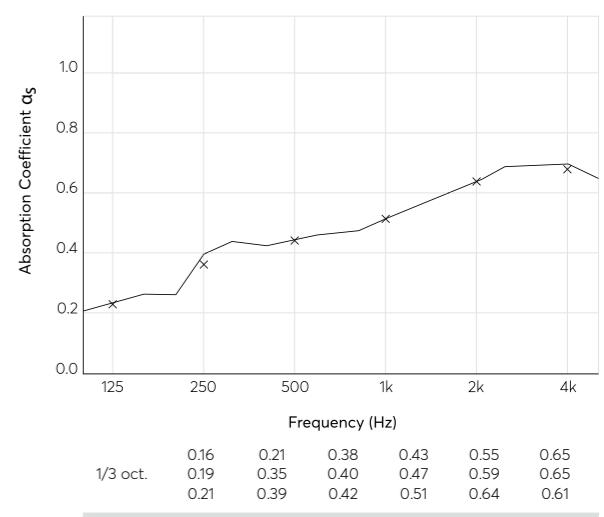
This design significantly reduces background noise and reverberation, helping to create a calmer, more focused atmosphere in any space.

**Calculated acoustic surface area:** 10,85 m<sup>2</sup>

**aw (ISO 11654) = 0,45**

SAA (ASTM - C423) = 0,45

**Measurement of 9mm free hanging PET Felt**  
sound absorption calculation in a reverberation room



# Cloud acoustic



## Material:

PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

## Acoustic properties:

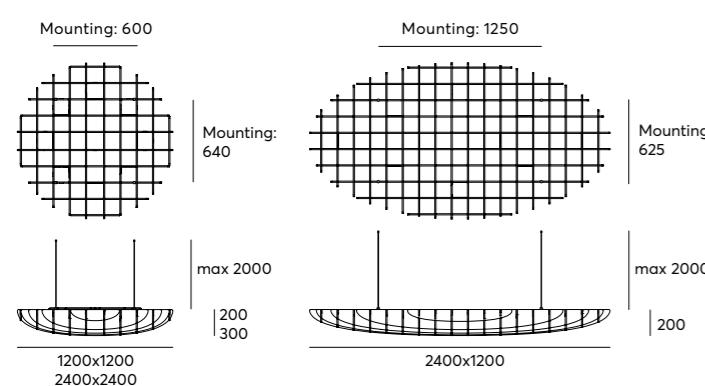


High acoustic absorption  
value of aw 0,45



Diffusion due to the 'cubical' design

## Dimensions:



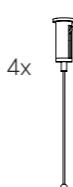
## Total weight gross | net:

Cloud round	5,2kg   4,0kg
Cloud oval	9,0kg   7,6kg
Cloud round XL	20,9kg   19,6kg

## Parcel size:

Cloud round **Flat pack product\*** 1340x480x230mm  
Cloud oval **Flat pack product\*** 1340x580x230mm  
Cloud round XL **Flat pack product\*** 1340x850x350mm

## Mounting:



\* Products for export will be shipped flat packed. Needs to be assembled by customer on location.  
Within The Netherlands, shipped by Lumeneur's own transport logistics and with additional charge.  
On request, the product can be delivered assembled.

## Colors:



## Acoustic specifications:

The acoustic design principle

Cloud Light is designed to effectively capture sounds. Cloud features an open, layered structure that allows sound waves to enter and be absorbed from multiple directions.

This design significantly reduces background noise and reverberation, helping to create a calmer, more focused atmosphere in any space.

**Cloud round acoustic surface area:** 2,54 m<sup>2</sup>

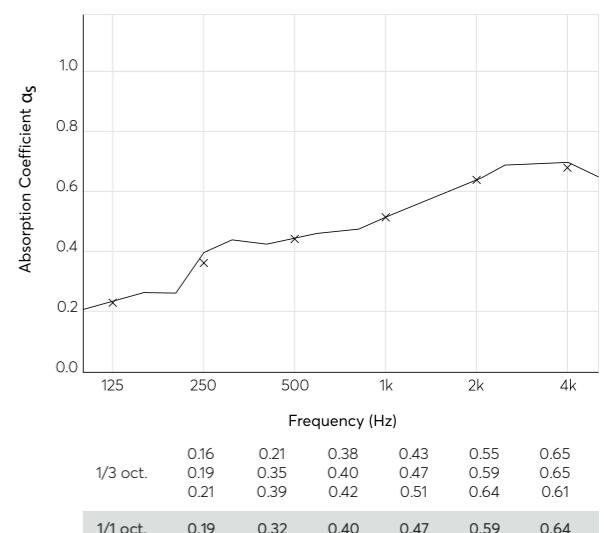
**Cloud oval acoustic surface area:** 4,94 m<sup>2</sup>

**aw (ISO 11654) = 0,45**

SAA (ASTM - C423) = 0,45

## Measurement of 9mm free hanging PET Felt

sound absorption calculation in a reverberation room





# Cone

Cone features a sleek, refined silhouette that embodies minimalist design with a modern edge. Its impeccably finished exterior adds sophistication to any space, while the distinctive dual-color option enhances its versatility and visual appeal. Thanks to its shape and dimensions, Cone also delivers effective acoustic performance — making it an ideal choice for improving sound quality in office environments.



Cone 750



Cone 1000





**Material:**  
PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

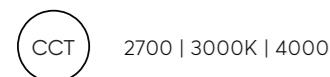
#### Lighting properties:



Integrated LED  
13W | 1370lm



Dimmable  
Trailing edge (RC) | DALI

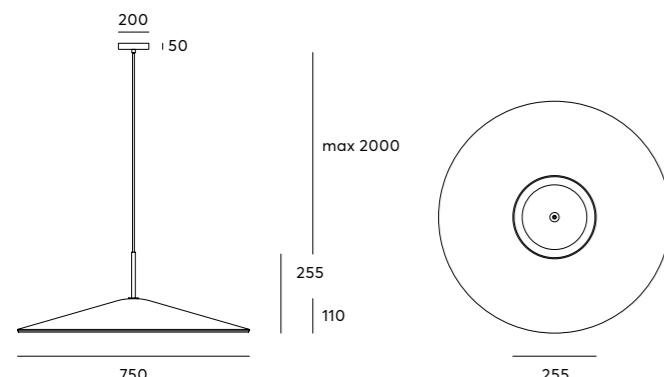


2700 | 3000K | 4000K



IP20

#### Dimensions:



#### Acoustic properties:



High absorption  
value



Diffusion

**Total weight gross | net:**  
Parcel size:

4,9kg | 4,1kg  
800x800x400mm

#### Mounting:



#### Inside Colors:



11\_Fog Grey 07\_Ghost White 30\_Cool Grey 04\_Bisque

#### Outside Colors:



13\_Black 03\_Charcoal 36\_Dim Grey 11\_Fog Grey 07\_Ghost White 19\_Midnight 26\_Ocean 30\_Cool Grey 41\_Mint Pastel



17\_Forest 40\_Faded Jade 06\_Olive 39\_Warm Grey 04\_Bisque 35\_Ochre 45\_Chilli 09\_Lavender 31\_Rosé

#### Light source specifications:

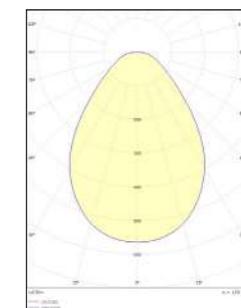
Based on calculations of 07\_Ghost White inside



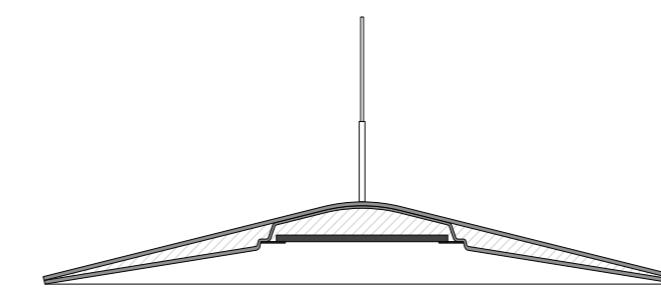
LED power:	13W
Connection voltage:	220-240V AC
Luminous Flux:	2700K/3000K/4000K 1340lm / 1370lm / 1430lm
Life time:	L80/B20 100.000h
Driver:	Included   Integrated
Control   Dimmable:	Trailing Edge   DALI
Power factor:	2700K/3000K/4000K 103lm/W 105lm/W 110lm/W
Optics:	Acrylic Opal Prism
CCT Color temperature:	2700K/3000K/4000K
CRI:	Ra>80
UGR:	<25
Operating temperature:	-20 ~ +45

#### Photometrics:

Lumen intensity distribution



#### Acoustic specifications:



Acoustic PET Felt

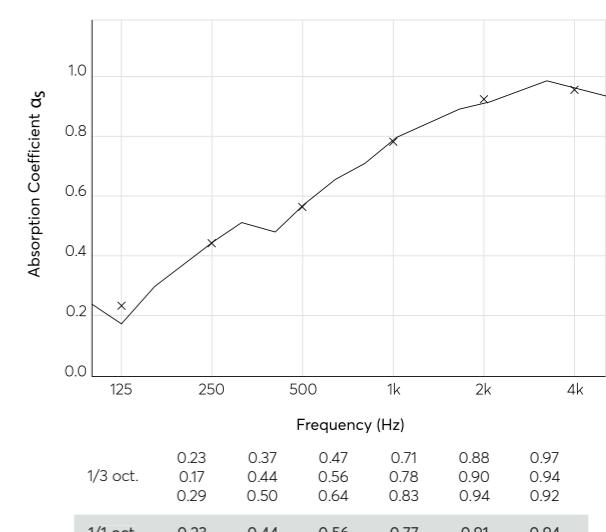
Air

LED Element

The product is designed with two layers of sound-absorbing PET Felt, separated by an air cavity. This layered construction enhances acoustic performance by allowing sound waves to be absorbed more effectively.

The LED element will reflect the soundwaves.

Measurement of sound absorption in a reverberation room  
According to ISO 354:2003



**aw (ISO 11654) = 0,65 (H)**

SAA (ASTM - C423) = 0,67



**Material:**  
PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

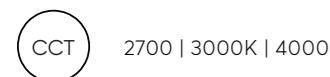
#### Lighting properties:



Integrated LED  
17W | 1870lm



Dimmable  
Trailing edge (RC) | DALI

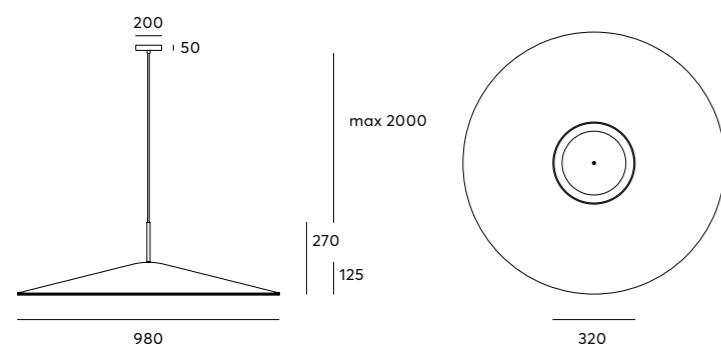


2700 | 3000K | 4000K



IP20

#### Dimensions:



**Total weight gross | net:** 6,7kg | 5,5kg  
**Parcel size:** 1000x1000x400mm

#### Mounting:



#### Acoustic properties:



High absorption  
value



Diffusion

#### Inside Colors:



11\_Fog Grey 07\_Ghost White 30\_Cool Grey 04\_Bisque

#### Outside Colors:



13\_Black 03\_Charcoal 36\_Dim Grey 11\_Fog Grey 07\_Ghost White 19\_Midnight 26\_Ocean 30\_Cool Grey 41\_Mint Pastel



17\_Forest 40\_Faded Jade 06\_Olive 39\_Warm Grey 04\_Bisque 35\_Ochre 45\_Chilli 09\_Lavender 31\_Rosé

#### Light source specifications:

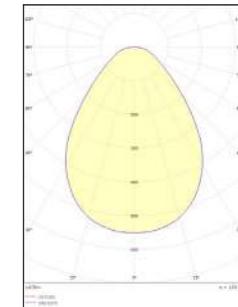
Based on calculations of 07\_Ghost White inside



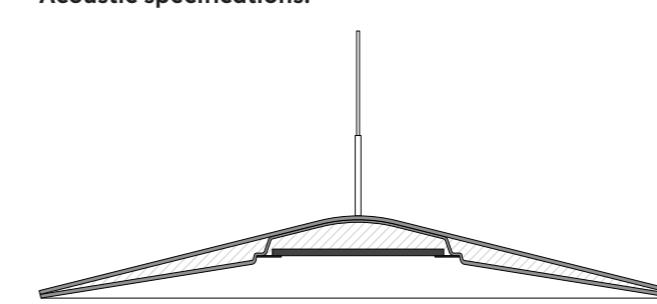
LED power:	17W
Connection voltage:	220-240V AC
Luminous Flux:	2700K/3000K/4000K 1750lm / 1870lm / 1950lm
Life time:	L80/B20 100.000h
Driver:	Included   Integrated
Control   Dimmable:	Trailing Edge   DALI
Power factor:	2700K/3000K/4000K 103lm/W 110lm/W 115lm/W
Optics:	Acrylic Opal Prism
CCT Color temperature:	2700K/3000K/4000K
CRI:	Ra>80
UGR:	<25
Operating temperature:	-20 ~ +45

#### Photometrics:

Lumen intensity distribution



#### Acoustic specifications:



Acoustic PET Felt

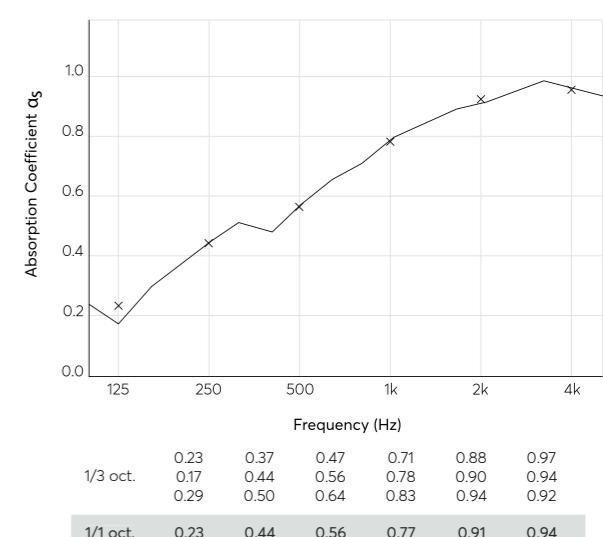
Air

LED Element

The product is designed with two layers of sound-absorbing PET Felt, separated by an air cavity. This layered construction enhances acoustic performance by allowing sound waves to be absorbed more effectively.

The LED element will reflect the soundwaves.

Measurement of sound absorption in a reverberation room  
According to ISO 354:2003



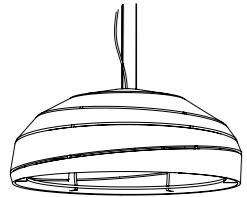
**aw (ISO 11654) = 0,65 (H)**

SAA (ASTM - C423) = 0,67

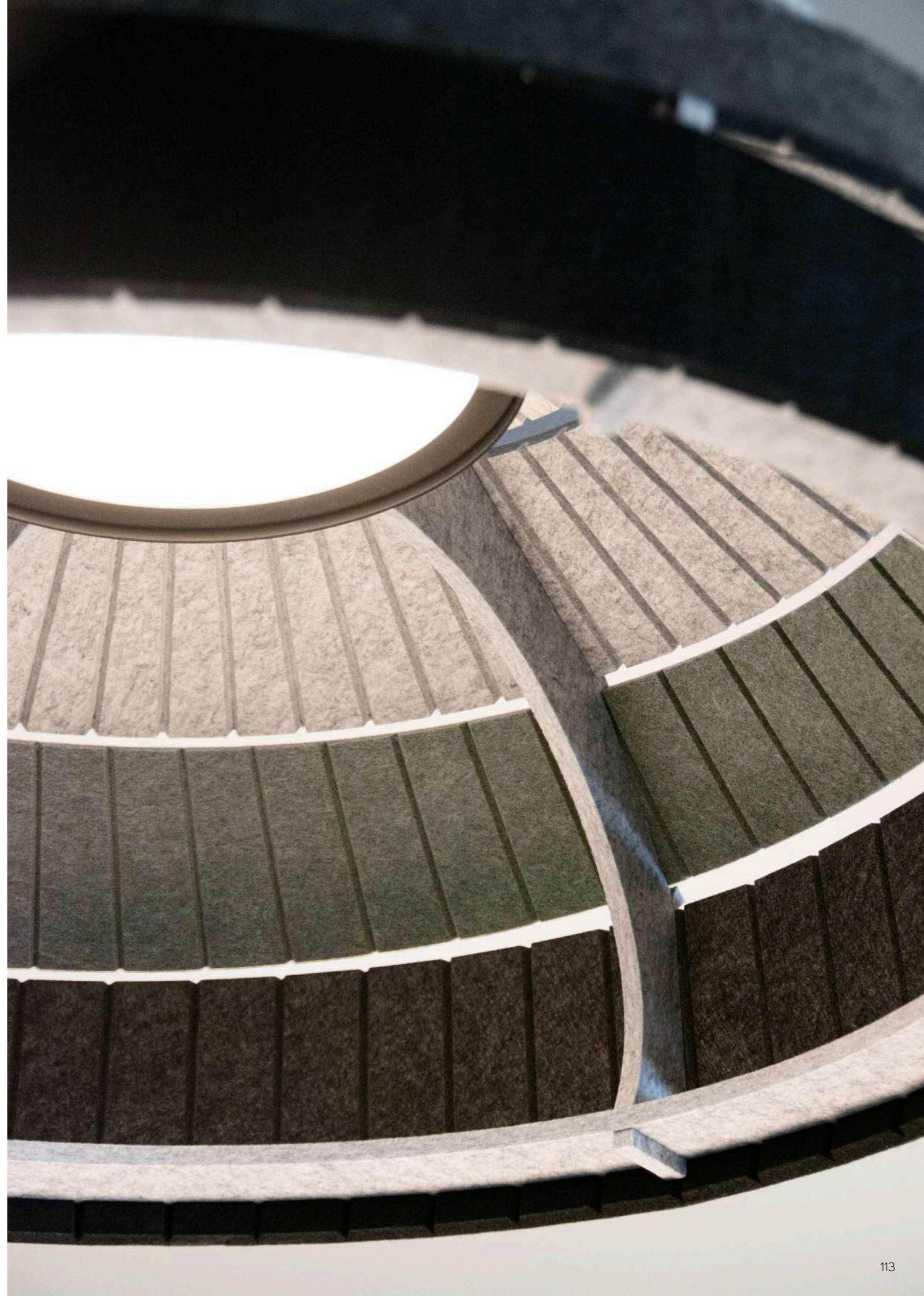
# Sliced

The acoustic lamp Sliced is designed in search of the possibilities to bend the flat material PET Felt. By cutting into the material, the PET Felt becomes flexible and docile. The "sliced" layers of PET Felt are draped over the fixture like a shell.

Sliced comes in a single color or in a grey combination. The shade provides direct light and an exciting indirect light between the "shells".



Sliced



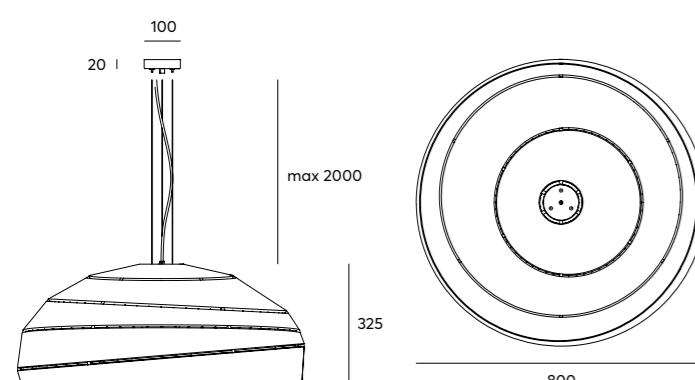


**Material:**  
PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

#### Lighting properties:



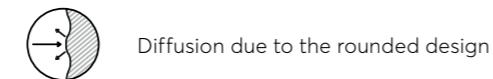
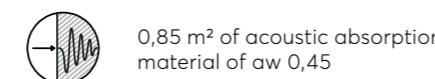
#### Dimensions:



#### Fixture:

2m black textile cable  
3 black metal wires with adjustable griplock  
Black ceiling cap

#### Acoustic properties:



**Total weight gross | net:** 3,9kg | 2,8kg  
**Parcel size:** 800x800x400mm

#### Mounting:



#### Colors:



#### Light source specifications:

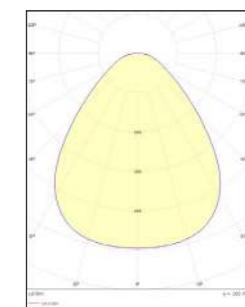
Calculations of LED panel without PET Felt Hood



LED power:	17W
Connection voltage:	220-240V AC
Luminous Flux:	2700K/3000K/4000K
	1770lm / 1850lm / 1960lm
Life time:	L80/B20 100.000h   L90 50.000h
Driver:	Included   Integrated
Control   Dimmable:	Trailing Edge   DALI
Power factor:	2700K/3000K/4000K
	104lm/W 109lm/W 116lm/W
Optics   Beam of light:	Acrylic Opal Prism   85°
CCT Color temperature:	2700K 3000K 4000K TW2700-6500
CRI:	Ra >80
UGR:	<22
Operating temperature:	-20 ~ +45

#### Photometrics:

Lumen intensity distribution



#### Acoustic specifications:

The acoustic design principle

Sliced is designed to hang directly above areas where sound is generated. Its spacious interior allows it to absorb noise effectively at the source, enhancing acoustic comfort right where it's needed most..

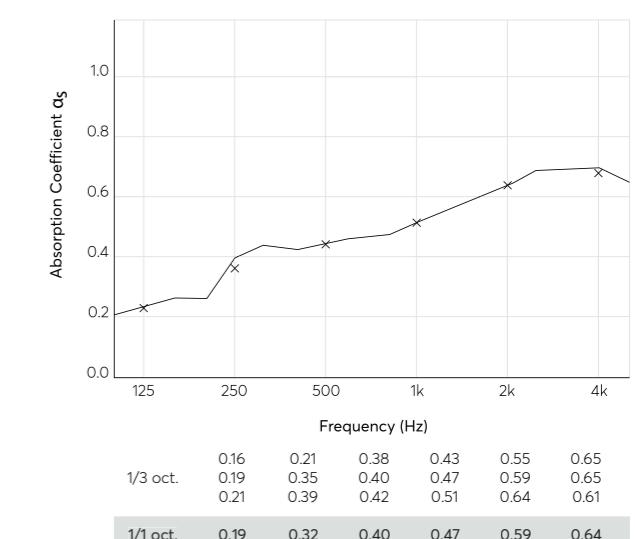
**Calculated acoustic surface area:** 0,85 m<sup>2</sup>

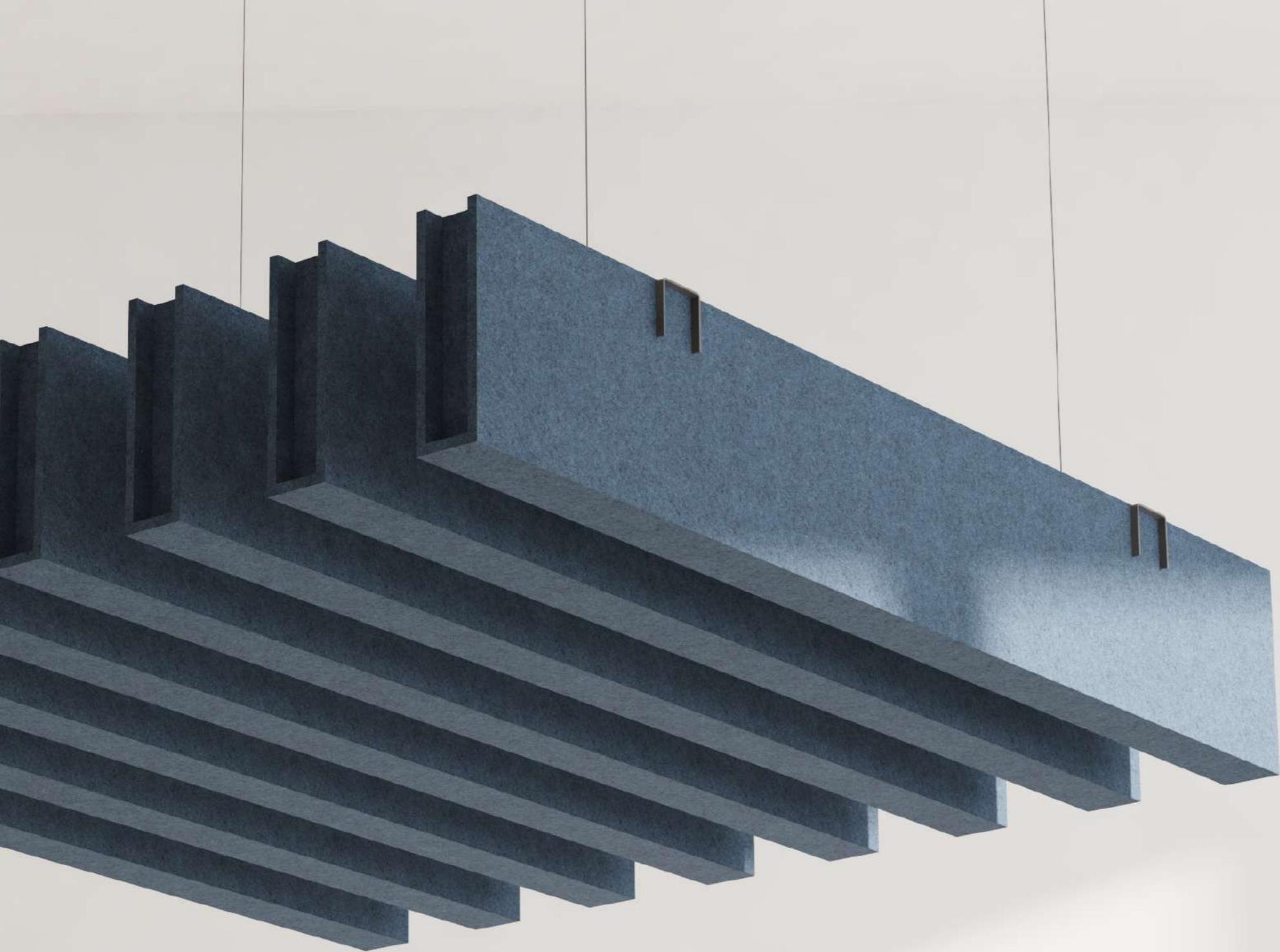
**aw (ISO 11654) = 0,45**

SAA (ASTM - C423) = 0,45

#### Measurement of 9mm free hanging PET Felt

sound absorption calculation in a reverberation room





## **Acoustic slatted ceiling system – Design, silence, and light in one.**

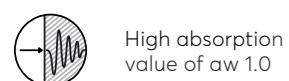
# **BOLD**

This modular ceiling system blends acoustic performance with architectural elegance. Made from sound-absorbing PET Felt, the vertical slats reduce echo and reverberation while adding visual rhythm and depth.

Lighting can be seamlessly integrated into the slats, offering a smart solution for spaces where acoustics and illumination must work together. Whether you're aiming for a bold design statement or a subtle intervention, this system adapts to your needs — uniting aesthetics, sound control, and lighting in one cohesive ceiling concept..

**Material:**

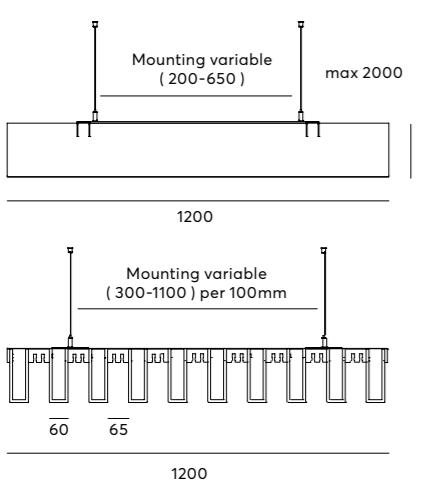
PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

**Acoustic properties:**

High absorption  
value of aw 1.0

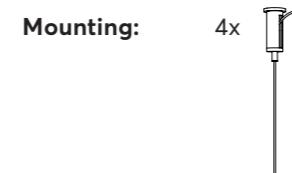
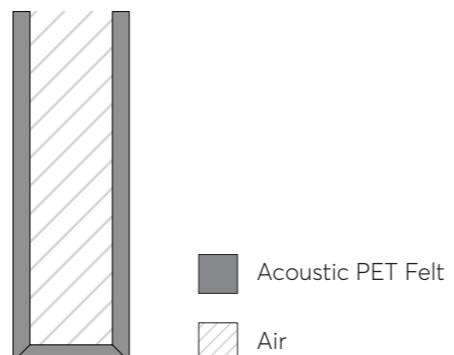


Diffusion

**Dimensions:****Fixture:**

Metal inside and base plate

**Total weight:** 9,9kg

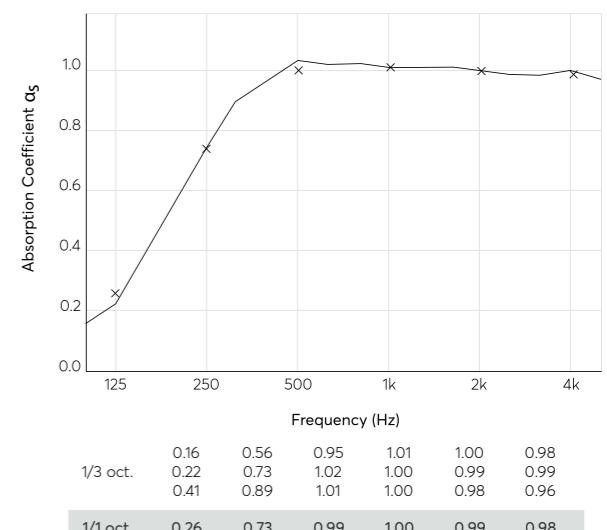
**Colors:****Acoustic specifications:**

Bold is designed as a ceiling-mounted acoustic baffle, allowing sound waves to move freely around it. Its multi-layered PET Felt body, with air pockets in between, ensures that sound waves are repeatedly absorbed — resulting in near-complete sound attenuation.

When suspended approximately 30 cm below the ceiling, Bold performs at its best. Sound enters the baffle both from below and from above, as ceiling reflections direct sound back into the absorber — effectively doubling the product's active surface area.

This makes Bold the ideal acoustic solution for open-plan offices with high reverberation times.

Measurement of sound absorption in a reverberation room  
According to ISO 354:2003



**aw (ISO 11654) = 1,00**  
SAA (ASTM - C423) = 0,93

## Bold Spot Add-On



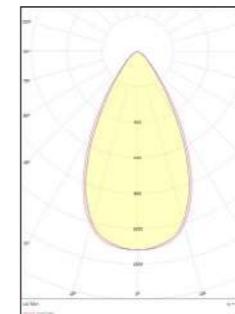
The Bold Spot Add-on replaces one baffle in the Bold Acoustic system.

### Light source specifications:

LED power:	15W
Connection voltage:	220-240V AC
Luminous Flux: 2700K/3000K/4000K	900lm / 950lm / 980lm
Frequency:	47-63Hz
Driver:	Included   Integrated
Control   Dimmable:	Trailing Edge   DALI
Power factor: 2700K/3000K/4000K	60lm/W 63lm/W 65lm/W
Optics   Beam of light:	Cubical recessed lens   55°
CCT Color temperature:	2700K 3000K 4000K TW2700-6500
CRI:	Ra >98
UGR:	<19
Operating temperature:	-20 ~ +45

### Photometrics:

Lumen intensity distribution



## Bold duo Spot Add-on



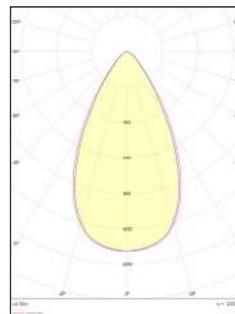
The Bold Spot Add-on replaces one baffle in the Bold Acoustic system.

### Light source specifications:

LED power:	2x 8W
Connection voltage:	220-240V AC
Luminous Flux: 2700K/3000K/4000K	2x 450lm / 470lm / 490lm
Frequency:	47-63Hz
Driver:	Included   Integrated
Control   Dimmable:	Trailing Edge   DALI
Power factor: 2700K/3000K/4000K	56lm/W 59lm/W 61lm/W
Optics   Beam of light:	Cubical recessed lens   55°
CCT Color temperature:	2700K 3000K 4000K TW2700-6500
CRI:	Ra >98
UGR:	<19
Operating temperature:	-20 ~ +45

### Photometrics:

Lumen intensity distribution

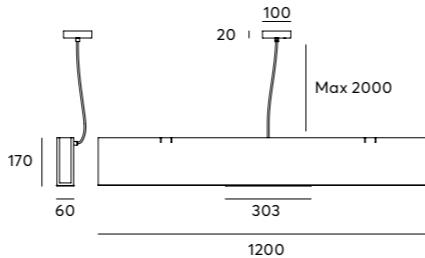


**Added weight:** 0,8kg

**Size spot:** 303x62mm

**Mounting:** 1x

**Dimensions:**

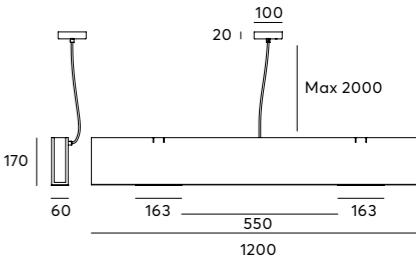


**Added weight:** 0,9kg

**Size spot:** 2x 163x62mm

**Mounting:** 1x

**Dimensions:**



## Bold Line Add-on



Bold Line is a separate fixture designed to hang between the baffles.

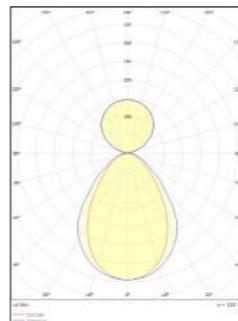
### Light source specifications:



LED power:	23W
Connection voltage:	220-240V AC
Luminous Flux: 3000K/4000K	3240lm / 3380lm
Life time:	L80/B10 100.000 h
Direct / Indirect light	60% / 40%
Driver:	Included   Integrated
Control   Dimmable:	Non dim   DALI
Power factor: 3000K/4000K	141lm/W 147lm/W
Optics   Beam of light:	Prismatic difuser
CCT Color temperature:	3000K 4000K
CRI:	Ra >80
UGR:	<19
Operating temperature:	-20 ~ +45

### Photometrics:

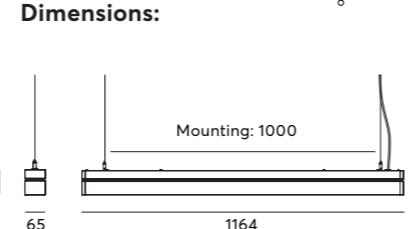
Lumen intensity distribution



**Added weight:** 5,0kg

**Connecting:** Europlug 2m cable

**Mounting:** 2x (Silver)





# Collection

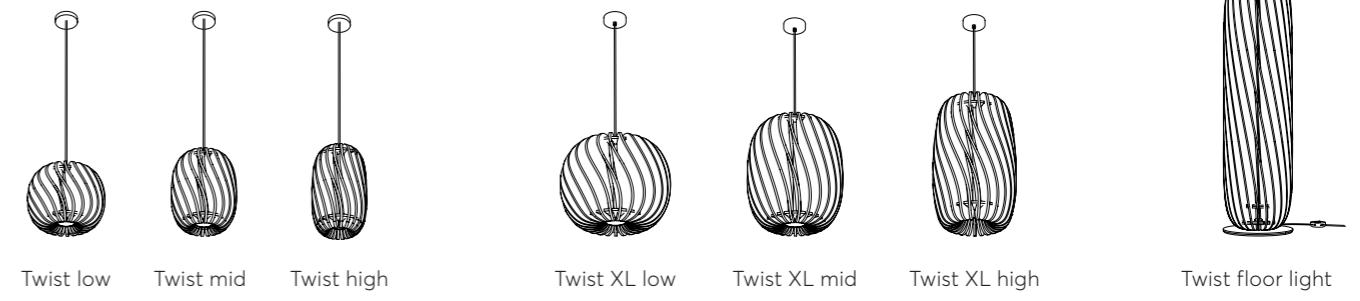
## Decorative lighting

In addition to our technical lighting solutions, lumenear also offers a decorative collection for spaces where functional lighting is not required. These models maintain the same design language and material quality as our technical collection, ensuring visual consistency throughout the space — while focusing solely on acoustic performance and aesthetic appeal. This makes them ideal for environments where atmosphere and acoustic comfort take precedence over task lighting.

# Twist



Twist is a flexible, sound-absorbing pendant lamp with a distinctive twisted form. Its integrated downlight delivers a high light output directly from the acoustic body. Thanks to its substantial mass and dynamic, curved shape, Twist offers excellent sound absorption and diffusion, making it both a functional and aesthetic acoustic solution.



Twist low

Twist mid

Twist high

Twist XL low

Twist XL mid

Twist XL high

Twist floor light

**Material:**

PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

**Lighting properties:**

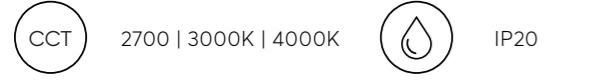
Integrated LED  
6W | 400lm



Dimmable  
Trailing edge (RC)

**CCT**

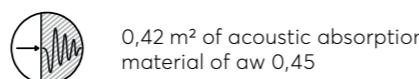
2700 | 3000K | 4000K

**Acoustic properties:**

IP20

**Fixture:**

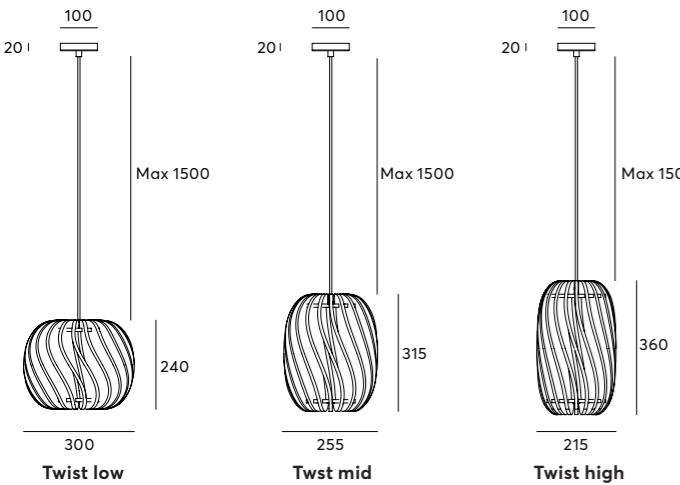
1,5m black textile cable  
Black ceiling cap

**Acoustic properties:**

0,42 m<sup>2</sup> of acoustic absorption  
material of aw 0,45



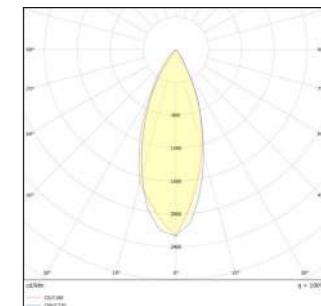
Diffusion by design

**Dimensions:****Total weight gross | net:**

1,9kg | 1,2kg  
300x300x450mm

**Parcel size:****Mounting:****Colors:****Light source specifications:**

LED power:	6W
Connection voltage:	220-240V AC
Luminous Flux:	2700K/3000K/4000K
Life time:	570/B50 44.000h
Driver:	Included   Integrated
Control   Dimmable:	Trailing Edge
Power factor:	2700K/3000K/4000K
Beam of light:	62lm/W 66lm/W 80lm/W
CCT Color temperature:	40°
CRI:	2700K 3000K 4000K
UGR:	Ra >80
Operating temperature:	<17
	-20 ~ +45

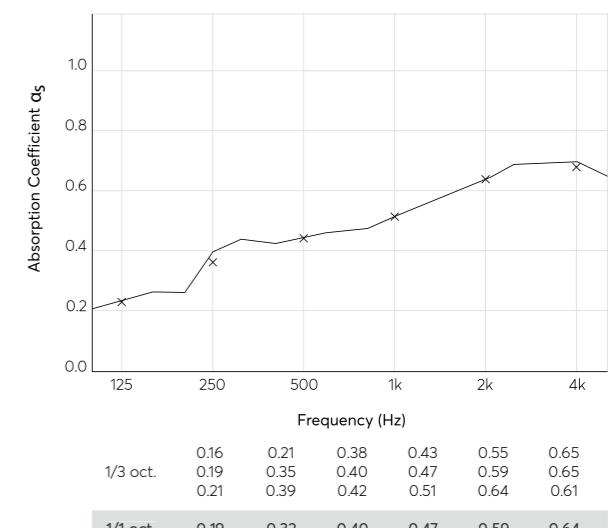
**Photometrics:**  
Lumen intensity distribution**Acoustic specifications:**

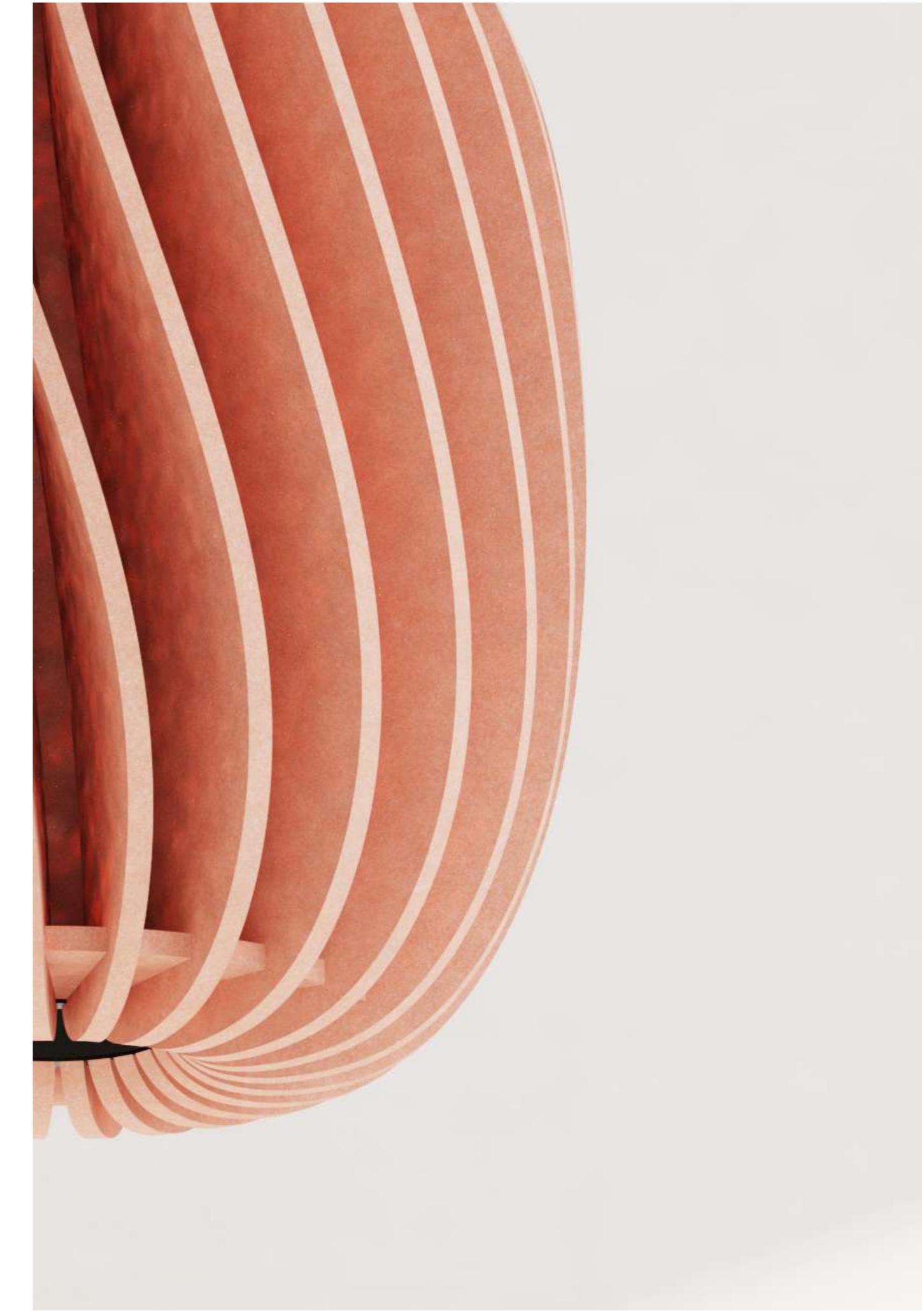
The acoustic design principle.

Twist is designed to function as an acoustic spotlight. It can be used individually or combined in various configurations, and even clustered with its larger counterpart, Twist XL. Grouping multiple units increases the sound-absorbing mass, enhancing the overall acoustic impact in the space.

**Calculated acoustic surface area: 0,42 m<sup>2</sup>****aw (ISO 11654) = 0,45**

SAA (ASTM - C423) = 0,45

**Measurement of 9mm free hanging PET Felt**  
sound absorption calculation in a reverberation room



**Material:**

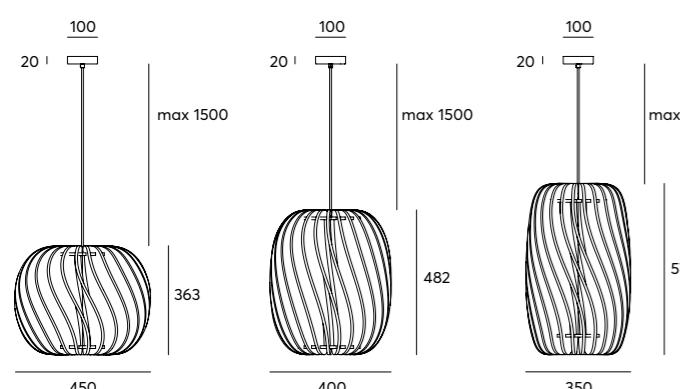
PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

**Lighting properties:**

Integrated LED  
9W | 500lm



Dimmable  
Trailing edge (RC) | DALI

**Dimensions:**

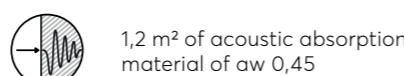
Twist XL low

Twist XL mid

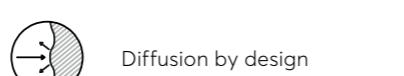
Twist XL high

**Fixture:**

1,5m black textile cable  
Black ceiling cap

**Acoustic properties:**

1,2 m<sup>2</sup> of acoustic absorption  
material of aw 0,45



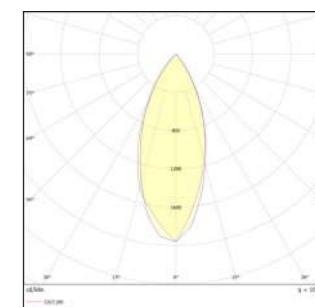
Diffusion by design

**Total weight gross | net:**  
**Parcel size:**

3,1kg | 2,4kg  
480x480x600mm

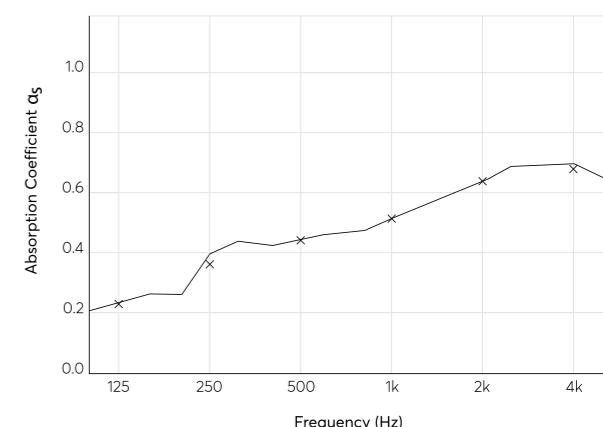
**Mounting:****Colors:****Light source specifications:**

LED power:	9W
Connection voltage:	220-240V AC
Luminous Flux:	2700K/3000K/4000K
Life time:	460lm / 500lm / 500lm L70/B50 44.000h
Driver:	Included   Integrated
Control   Dimmable:	Trailing Edge   DALI
Power factor:	2700K/3000K/4000K
Beam of light:	52lm/W 60lm/W 60lm/W 40°
CCT Color temperature:	2700K 3000K 4000K
CRI:	Ra >80
UGR:	<17
Operating temperature:	-20 ~ +45

**Photometrics:**  
Lumen intensity distribution**Acoustic specifications:**

The acoustic design principle

Twist XL is designed to function as an acoustic spotlight. It can be arranged in various configurations and clustered with its smaller counterpart, Twist. By combining multiple units, the total sound-absorbing mass increases, resulting in greater acoustic impact and improved sound comfort.

**Calculated acoustic surface area: 1,2 m<sup>2</sup>****Measurement of 9mm free hanging PET Felt**  
sound absorption calculation in a reverberation room**aw (ISO 11654) = 0,45**

SAA (ASTM - C423) = 0,45

	1/3 oct.	0.16	0.21	0.38	0.43	0.55	0.65
1/3 oct.	0.16	0.19	0.35	0.40	0.47	0.59	0.65
	0.19	0.21	0.39	0.42	0.51	0.64	0.61
	1/1 oct.	0.19	0.32	0.40	0.47	0.59	0.64
1/1 oct.	0.19	0.32	0.40	0.47	0.59	0.64	

# Twist Floor Light



## Material:

PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

## Lighting properties:



Integrated LED  
25W | 2600lm



Dimmable  
Floor dimmer included

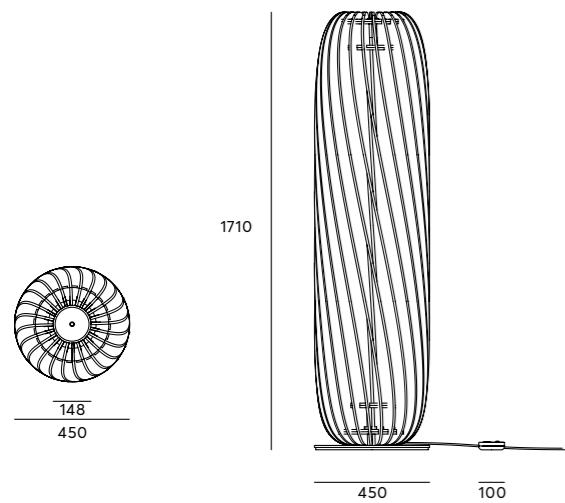


3000K | 4000K



IP20

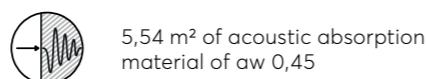
## Dimensions:



## Fixture:

2m black textile cable with floor dimmer and europlug  
Metal base plate and construction

## Acoustic properties:



5,54 m<sup>2</sup> of acoustic absorption  
material of aw 0,45



Diffusion by design

**Total weight gross | net:** 27,2kg | 25,7kg

**Parcel size:** 480x480x1750mm

**Mounting:** Free standing with Europlug

## Colors:



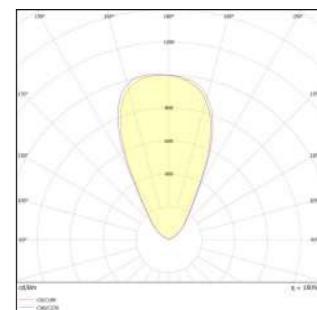
## Light source specifications:



LED power:	25W
Connection voltage:	220-240V AC
Luminous Flux:	3000K/4000K 2600lm / 2800lm
Life time:	50.000h
Driver:	Included   Integrated
Control   Dimmable:	Trailing Edge (floor dimmer included)
Power factor:	3000K/4000K 104lm/W 112lm/W
Beam of light:	60°
CCT Color temperature:	3000K 4000K
CRI:	Ra >80
UGR:	<16
Operating temperature:	-20 ~ +45

## Photometrics:

Lumen intensity distribution



## Acoustic specifications:

The acoustic design principle.

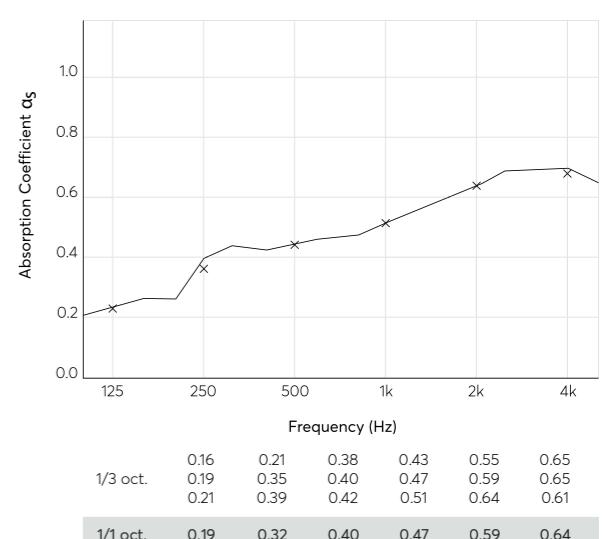
Twist Floor is an acoustic standing light designed for larger open spaces where sound waves travel freely. It effectively reduces reverberation time, helping to create a calmer environment. For optimal performance, place Twist Floor in corners or near hard surfaces in noisy areas. It also functions efficiently as a bass absorber, improving overall sound quality.

## Calculated acoustic surface area: 5,54 m<sup>2</sup>

The equivalent absorption area ( A )  
 $A = \sum(axs) = 2,5$

## Measurement of 9mm free hanging PET Felt

sound absorption calculation in a reverberation room

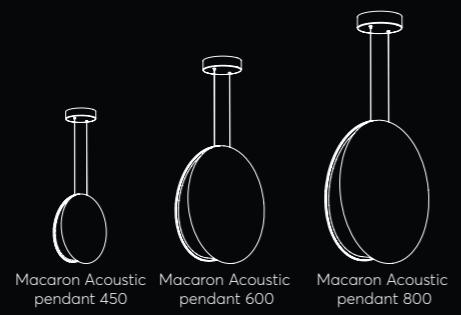
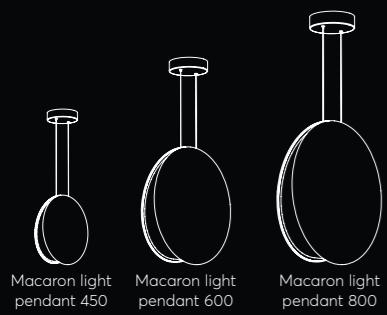


**aw (ISO 11654) = 0,45**

SAA (ASTM - C423) = 0,45

# Macaron

Macaron is a stunning eye-catcher that immediately adds warmth and atmosphere to any space. Its smooth, rounded shape and soft edges create a gentle, inviting presence that complements both modern and classic interiors. Available in both lighting and acoustic versions, Macaron offers versatile solutions to enhance your environment. This model can be installed as either a wall or ceiling lamp, seamlessly blending aesthetic appeal with functional performance.



# Macaron light pendant



## Material:

PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

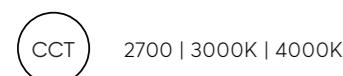
## Lighting properties:



Integrated LED



Dimmable  
Trailing edge (RC) | DALI

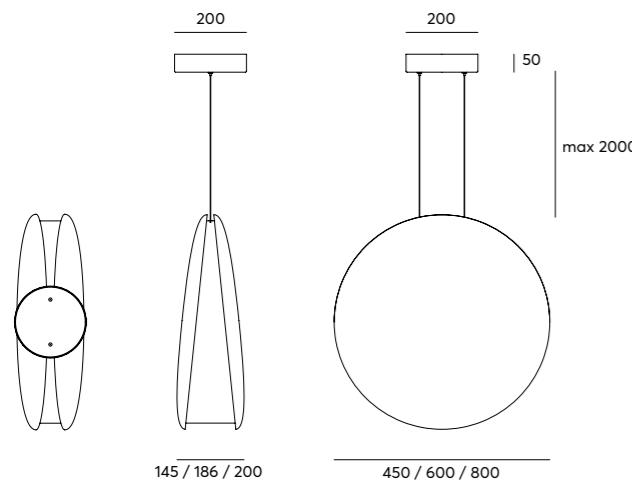


2700 | 3000K | 4000K



IP20

## Dimensions:



## Fixture:

2 black metal wires with adjustable griplock  
Black ceiling cap  
Ghost white PET Felt inside (standard)

## Acoustic properties:



High absorption  
value of aw 0,85



Diffusion by design

## Total weight gross | net:

**Macaron pendant 450:** 5,1kg | 4,3kg  
**Macaron pendant 600:** 6,7kg | 6kg  
**Macaron pendant 600:** 9,2kg | 8,7kg

## Parcel size:

**Macaron pendant 450:** 530x540x210mm  
**Macaron pendant 600:** 660x670x230mm  
**Macaron pendant 600:** 900x900x260mm

## Mounting:



## Outside Colors:



## Light source specifications:

Calculations of 07\_Ghost White inside

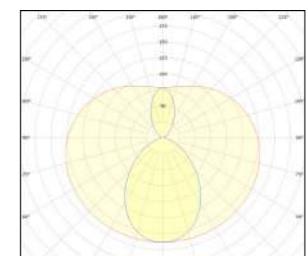
### Macaron 450:



LED power: 29W  
Connection voltage: 220-240V AC  
Luminous Flux: 660lm  
Driver: Included/Integrated  
Control/Dimmable: Trailing edge (RC) | DALI  
Power factor: 23lm/W  
Optics: Acrylic diffusor  
CCT Color temperature: 2700K|3000K|4000K  
CRI: Ra>90  
UGR: <10

## Photometrics:

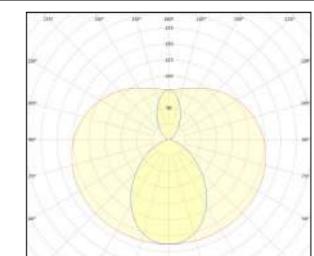
Lumen intensity distribution



### Macaron 600:



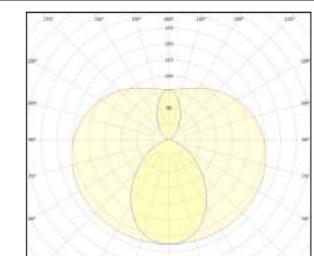
LED power: 42W  
Connection voltage: 220-240V AC  
Luminous Flux: 790lm  
Driver: Included/Integrated  
Control/Dimmable: Trailing edge (RC) | DALI  
Power factor: 19lm/W  
Optics: Acrylic diffusor  
CCT Color temperature: 2700K|3000K|4000K  
CRI: Ra>90  
UGR: <10



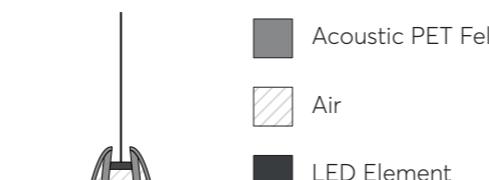
### Macaron 800:



LED power: 55W  
Connection voltage: 220-240V AC  
Luminous Flux: 970lm  
Driver: Included/Integrated  
Control/Dimmable: DALI  
Power factor: 18lm/W  
Optics: Acrylic diffusor  
CCT Color temperature: 2700K|3000K|4000K  
CRI: Ra>90  
UGR: <10



## Acoustic specifications:



Acoustic PET Felt

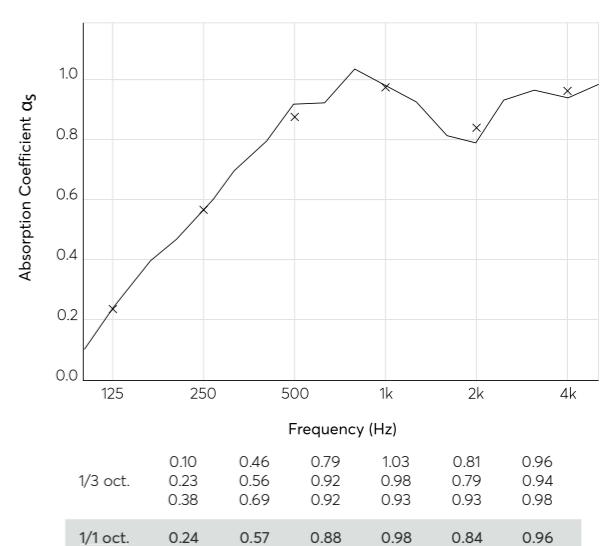
Air

LED Element

**aw (ISO 11654) = 0,85 (H)**

SAA (ASTM - C423) = 0,82

## Suspended sandwich PET Felt tested to ISO 354:2003.



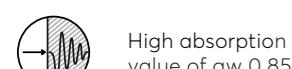
# Macaron acoustic pendant



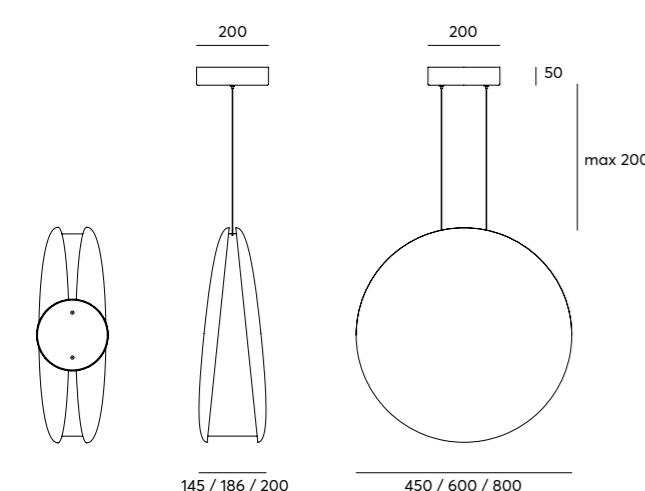
## Material:

PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

## Acoustic properties:



## Dimensions:



## Fixture:

2 black metal wires with adjustable griplock  
Black ceiling cap

**Total weight:** 2,9kg / 4,0kg



## Total weight gross | net:

**Macaron pendant 450:** 5,1kg | 4,3kg  
**Macaron pendant 600:** 6,7kg | 6kg  
**Macaron pendant 600:** 9,2kg | 8,7kg

## Parcel size:

**Macaron pendant 450:** 530x540x210mm  
**Macaron pendant 600:** 660x670x230mm  
**Macaron pendant 600:** 900x900x260mm

## Inside Colors:

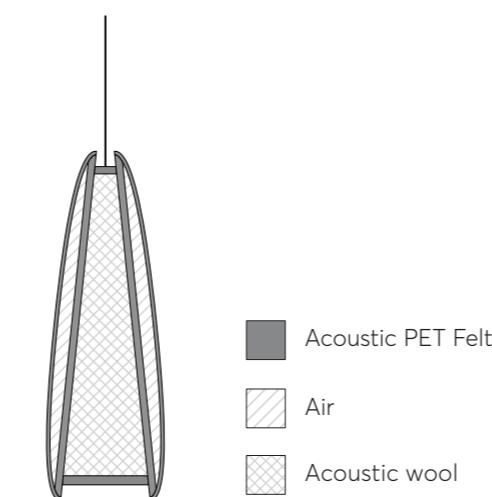
(ghoste white recommended)



## Outside Colors:



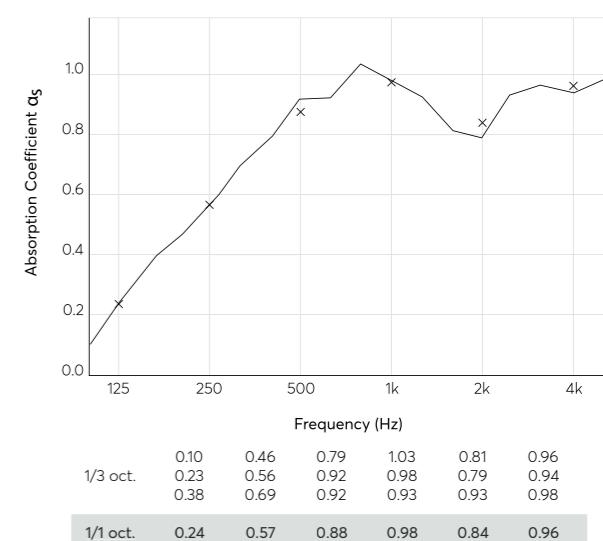
## Acoustic specifications:



The product is designed with multiple layers of sound absorbing PET Felt and an air cavity in between. Because of the layered effect, the soundwaves are optimally absorbed by the fixture.

The LED element will reflect the soundwaves.

## Suspended sandwich PET Felt tested to ISO 354:2003.



**aw (ISO 11654) = 0,85 (H)**

SAA (ASTM - C423) = 0,82

# Macaron light wall

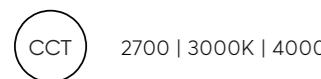


**Material:**  
PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

## Lighting properties:



Integrated LED

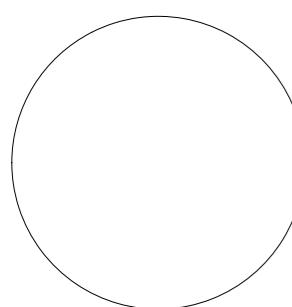
Dimmable  
Trailing edge (RC) | Dali

2700 | 3000K | 4000K

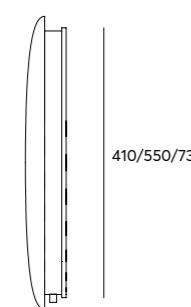


IP20

## Dimensions:



450/600/800



75/84/84

**Fixture:**  
Ghost white PET Felt inside (standard)  
Metal wall bracket  
Option for cable connection

## Acoustic properties:

High absorption  
value of aw 0,6

Diffusion by design

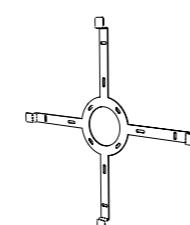
## Total weight gross | net:

**Macaron wall 450:** 2,1kg | 1,8kg  
**Macaron wall 600:** 4,3kg | 3,9kg  
**Macaron wall 800:** 5,8kg | 5,1kg

## Parcel size:

**Macaron wall 450:** 470x470x100mm  
**Macaron wall 600:** 600x600x100mm  
**Macaron wall 800:** 800 x800x100mm

## Mounting:



## Outside Colors:



## Light source specifications:

**Macaron 450:** LED power: 15W  
Connection voltage: 220-240V AC  
Luminous Flux: 435lm  
Driver: Included/Integrated  
Control/Dimmable: Trailing edge (RC) | DALI

Power factor: 29lm/W  
Optics: Acrylic diffusor  
CCT Color temperature: 2700K|3000K|4000K  
CRI: Ra>90  
UGR: <10

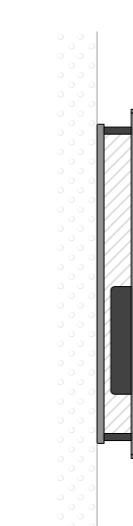
**Macaron 600:** LED power: 21W  
Connection voltage: 220-240V AC  
Luminous Flux: 565lm  
Driver: Included/Integrated  
Control/Dimmable: Trailing edge (RC) | DALI

Power factor: 27lm/W  
Optics: Acrylic diffusor  
CCT Color temperature: 2700K|3000K|4000K  
CRI: Ra>90  
UGR: <10

**Macaron 800:** LED power: 29W  
Connection voltage: 220-240V AC  
Luminous Flux: 660lm  
Driver: Included/Integrated  
Control/Dimmable: Trailing edge (RC) | DALI

Power factor: 23lm/W  
Optics: Acrylic diffusor  
CCT Color temperature: 2700K|3000K|4000K  
CRI: Ra>90  
UGR: <10

## Acoustic specifications:

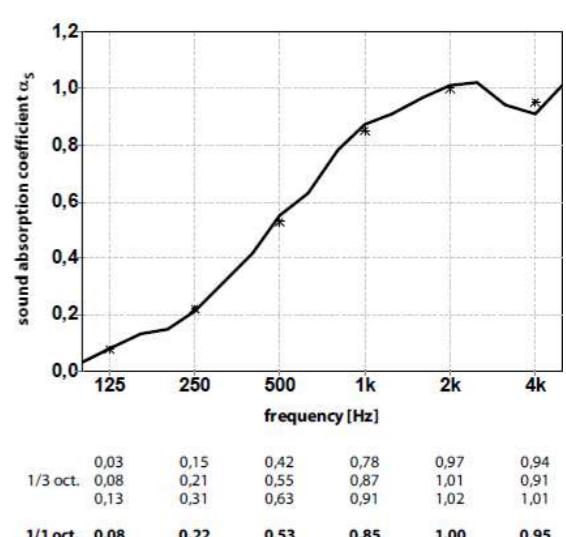


- Acoustic PET Felt
- Air
- LED Element
- Wall

The product is designed with multiple layers of sound absorbing PET Felt and an air cavity in between. Because of the layered effect, the soundwaves are optimally absorbed by the fixture.

The LED element will reflect the soundwaves.

## Suspended sandwich PET Felt tested to ISO 354:2003.



$\alpha_w$  (ISO 11654) = 0,6

SAA (ASTM - C423) = 0,65

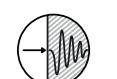
# Macaron acoustic wall



## Material:

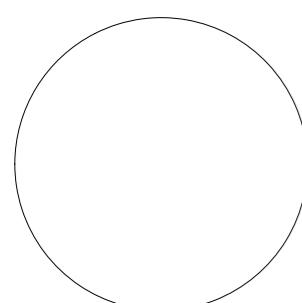
PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

## Acoustic properties:



High absorption  
value of aw 0,6

## Dimensions:



450/600/800

75/84/84

## Fixture:

2 black metal wires with adjustable griplock  
Metal wall bracket



Diffusion by design

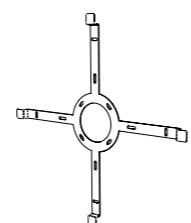
## Total weight gross | net:

**Macaron wall 450:** 2,1kg | 1,8kg  
**Macaron wall 600:** 4,3kg | 3,9kg  
**Macaron wall 800:** 5,8kg | 5,1kg

## Parcel size:

**Macaron wall 450:** 470x470x100mm  
**Macaron wall 600:** 600x600x100mm  
**Macaron wall 800:** 800 x800x100mm

## Mounting:



## Inside Colors:

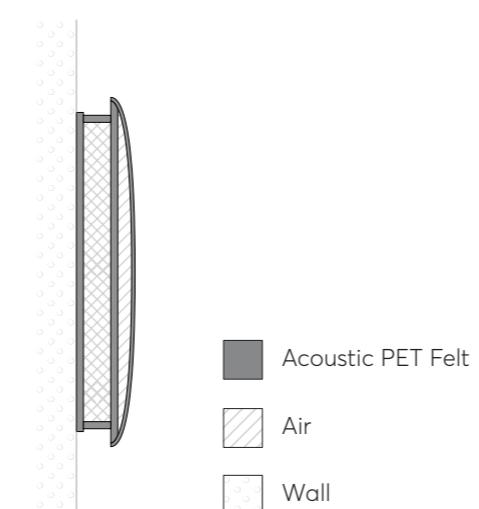
(ghoste white recommended)



## Outside Colors:



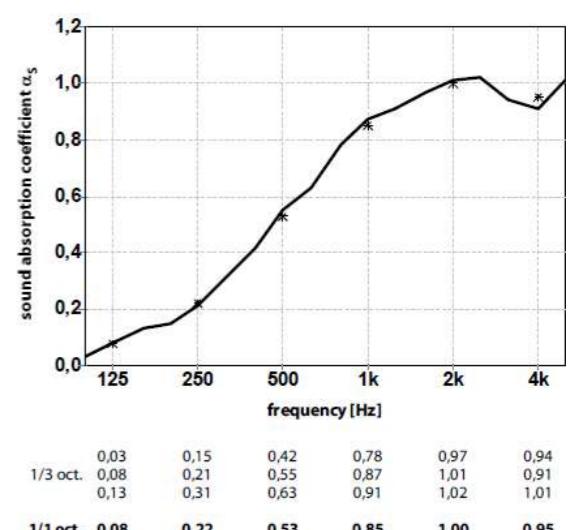
## Acoustic specifications:



The product is designed with multiple layers of sound absorbing PET Felt and an air cavity in between. Because of the layered effect, the soundwaves are optimally absorbed by the fixture.

The LED element will reflect the soundwaves.

## Suspended sandwich PET Felt tested to ISO 354:2003.



**aw (ISO 11654) = 0,6**

SAA (ASTM - C423) = 0,65

# Blooom



Blooom brings any interior to life with its biophilic design, crafted from a single piece of PET Felt. Its uneven "petal" shapes absorb sound, reducing reverberation and enhancing acoustics.



Blooom

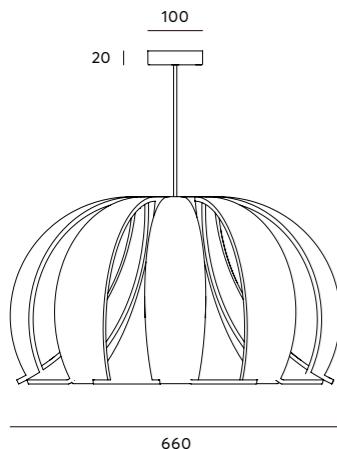


**Material:**  
PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

#### Light properties:

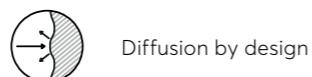
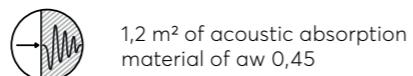


#### Dimensions:



**Fixture:**  
1,5m black textile cable  
Black ceiling cap

#### Acoustic properties:



**Total weight gross | net:**  
3,5kg | 2,6kg  
**Parcel size:**  
800x800x400mm

#### Mounting:



#### Colors:



#### Acoustic specifications:

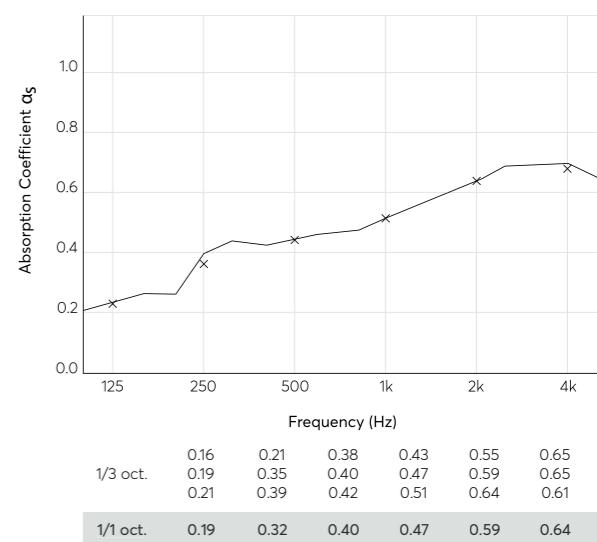
The acoustic design principle.

Blooom is an acoustic pendant light designed to reduce reverberation in large open spaces where soundwaves travel freely.

Ideal for placement above meeting tables, counters, or in restaurants, Blooom's shape and design effectively absorb sound, helping to create a quieter, more comfortable environment.

**Calculated acoustic surface area: 1,2 m<sup>2</sup>**

**Suspended 9 mm PET Felt tested to ISO 354:2003.**

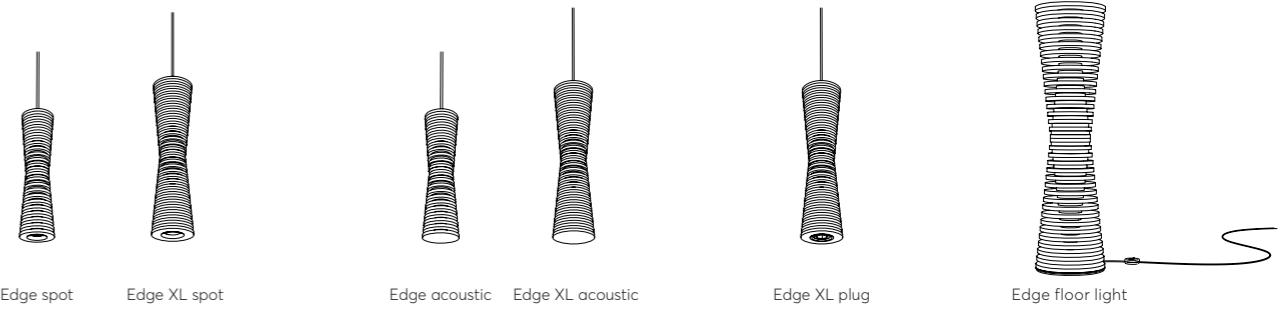


**aw (ISO 11654) = 0,45**

SAA (ASTM - C423) = 0,45

# edge

Edge is a multifunctional solution designed for above the workspace.  
Edge comes in a spotlight. An contraplug and as acoustic version in two sizes. Cluster together to create a statemen installation



Edge spot



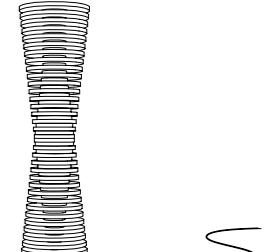
Edge XL spot



Edge acoustic Edge XL acoustic



Edge XL plug



Edge floor light

## Edge Spot



**Material:**  
PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

**Lighting properties:**

GU10 MR11  
Lightbulb 3000K included



IP20

**specifications:**  
GU10 MR 11 (35mm) Included

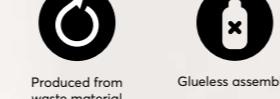


LED power:	3,5W
Connection voltage:	220-240V AC
Luminous Flux:	250lm
Life time:	50.000h
CCT Color temperature:	3000K
Control   Dimmable:	Trailing Edge

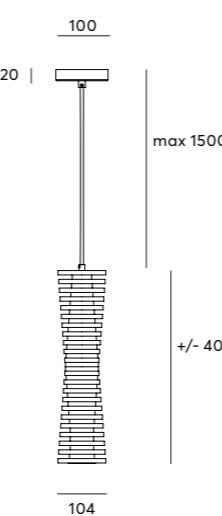
**Total weight gross | net:** 1,9kg | 1,6kg  
**Parcel size:** 110x110x500mm

**Mounting:**

**Fixture:**  
2m black textile cable  
Black ceiling cap



Produced from waste material  
Glueless assembly



104

## Edge XL Spot



**Material:**  
PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

**Lighting properties:**

GU10  
Lightbulb 3000K Included



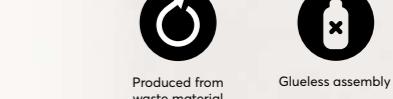
IP20

**specifications:**  
GU10 (50mm) Included

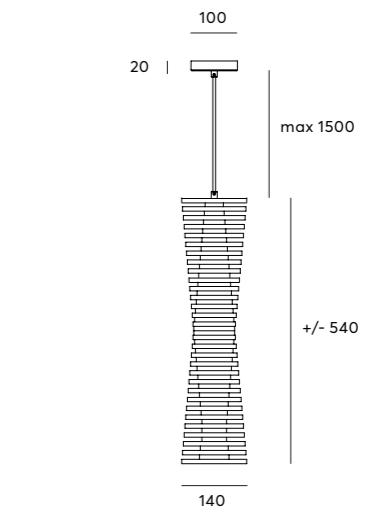


LED power:	5W
Connection voltage:	220-240V AC
Luminous Flux:	450lm
Life time:	50.000h
CCT Color temperature:	3000K
Control   Dimmable:	Trailing Edge

**Total weight gross | net:** 2,9kg | 2,1kg  
**Parcel size:** 150x150x600mm

**Mounting:**

Produced from waste material  
Glueless assembly



140

Edge

## Edge Acoustic



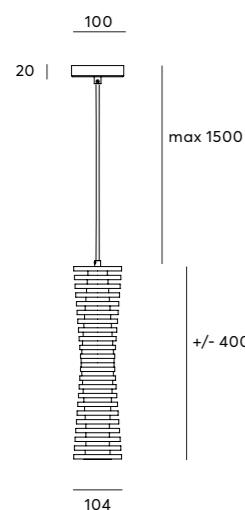
**Material:**  
PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

**Acoustic properties:**

High absorption  
value of aw 0,85



Diffusion by design

**Dimensions:**

**Fixture:**  
1,5m black textile cable  
Black ceiling cap



Produced from  
waste material

**Total weight gross | net:**  
**Parcel size:**

1,9kg | 1,6kg  
110x110x500mm

**Mounting:**

## Edge XL Acoustic



**Material:**  
PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

**Acoustic properties:**

High absorption  
value of aw 0,85



Diffusion by design

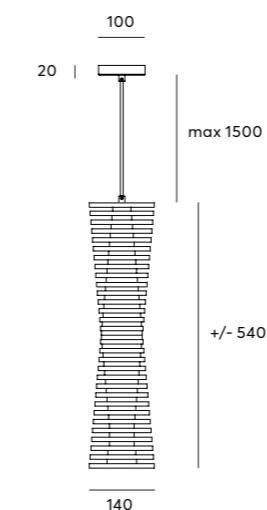
**Fixture:**  
1,5m black textile cable  
Black ceiling cap



Produced from  
waste material

**Total weight gross | net:**  
**Parcel size:**

2,1kg | 1,8kg  
150x150x600mm

**Mounting:****Dimensions:**



**Material:**  
PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

#### Lighting properties:



GU10  
Lightbulb excluded



IP20

#### Specifications:



Type: 3 prong power plug  
Max Ampere: 6A  
Connection voltage: 220-240V AC

**Total weight gross | net:** 2,9kg | 2,1kg  
**Parcel size:** 150x1050x600mm

#### Mounting:



**Fixture:**  
2m black textile cable  
Black ceiling cap

#### Acoustic properties:

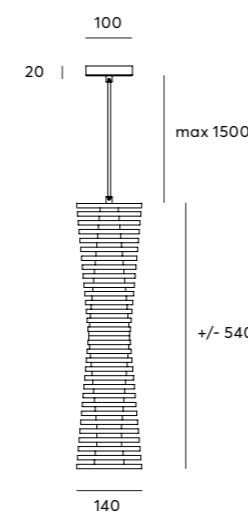


High absorption  
value of aw 0,85

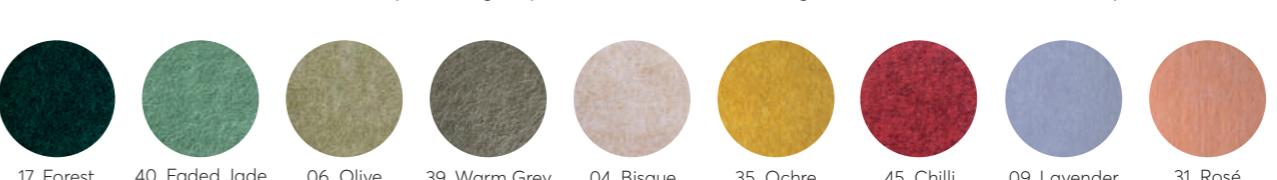


Diffusion by design

#### Dimensions:



#### Top Colors:

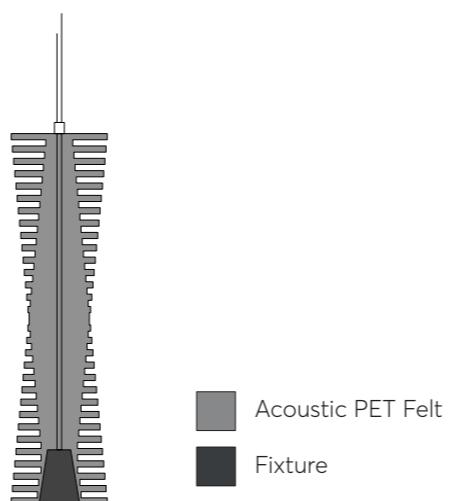


#### Bottom Colors:



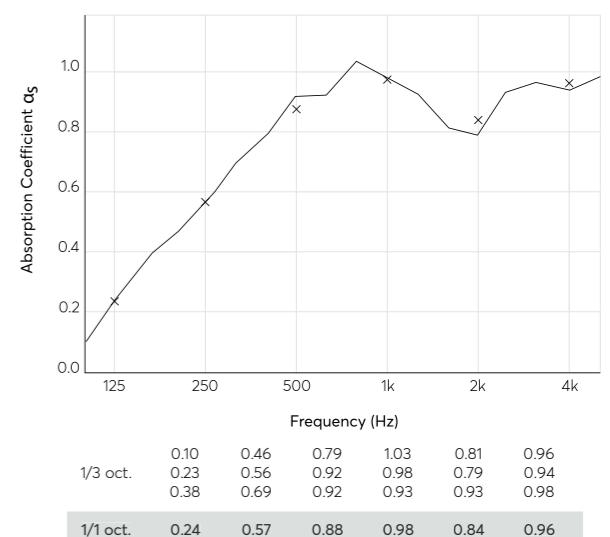
\* We recommend to pick a different Felt color for top and bottom

#### Acoustic specifications:



The product is designed with multiple layers of sound absorbing PET Felt.  
Due to this layered effect, the soundwaves are optimally absorbed by the fixture.

#### Suspended 9 mm PET Felt tested to ISO 354:2003.



**aw (ISO 11654) = 0,85 (H)**

SAA (ASTM - C423) = 0,82

## Edge Floor Light

**Material:**

PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

**Lighting properties:**

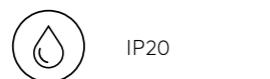
Integrated LED  
25W | 2600lm



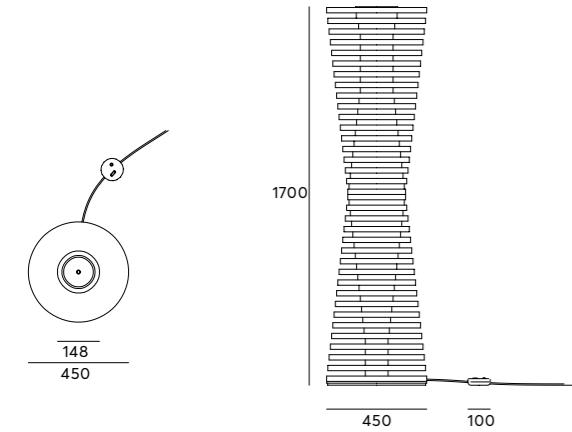
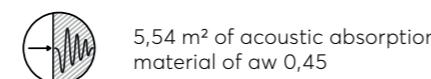
Dimmable  
Floor dimmer included



3000K | 4000K



IP20

**Dimensions:****Acoustic properties:**

5,54 m<sup>2</sup> of acoustic absorption  
material of aw 0,45



Diffusion by design

**Total weight gross | net:** 27,2kg | 25,7kg  
**Parcel size:** 480x480x1750mm

**Mounting:**

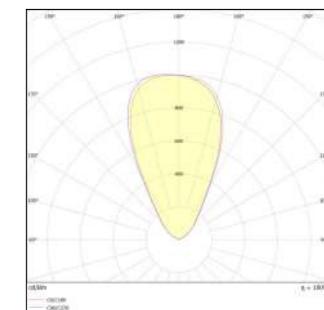
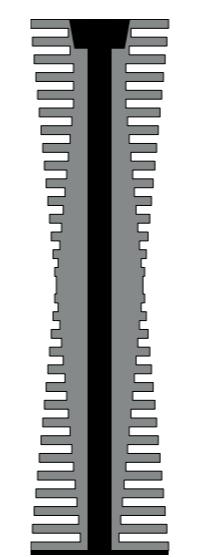
Free standing with Europlug

**Top Colors:****Bottom Colors:**

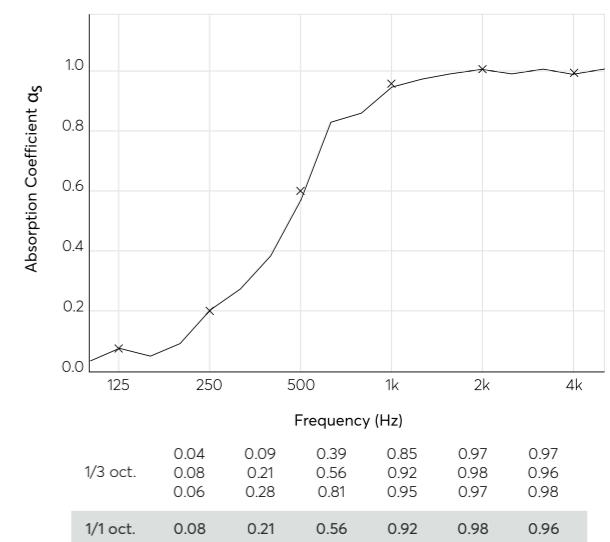
\* We recommend to pick a different Felt color for top and bottom

**Light source specifications:**

LED power:	25W
Connection voltage:	220-240V AC
Luminous Flux:	3000K/4000K
Life time:	50.000h
Driver:	Included   Integrated
Control   Dimmable:	Trailing Edge (floor dimmer included)
Power factor:	3000K/4000K
Beam of light:	104lm/W 112lm/W
CCT Color temperature:	60°
CRI:	3000K/4000K
UGR:	Ra >80
Operating temperature:	<16
	-20 ~ +45

**Photometrics:**  
Lumen intensity distribution**Acoustic specifications:**

Acoustic PET Felt  
Fixture

**Suspended 24 mm PET Felt tested to ISO 354:2003.**

**Calculated acoustic surface area:** 5,54 m<sup>2</sup>

**aw (ISO 11654) = 0,65**  
SAA (ASTM - C423) = 0,65

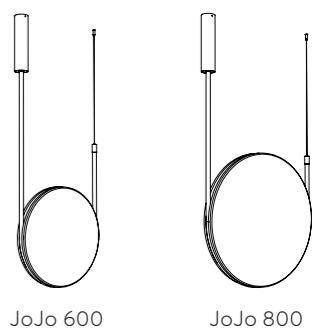
# JoJo



Meet JoJo, a different spin on linear light.

Other than the toy, where a string controls the movement of a disc, JoJo is directing the flow of a uniform strand of light that departs from the ceiling.

Design By: **Ilias Ernst**



JoJo 600

JoJo 800

**Material:**

PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

**Lighting properties:****CCT**

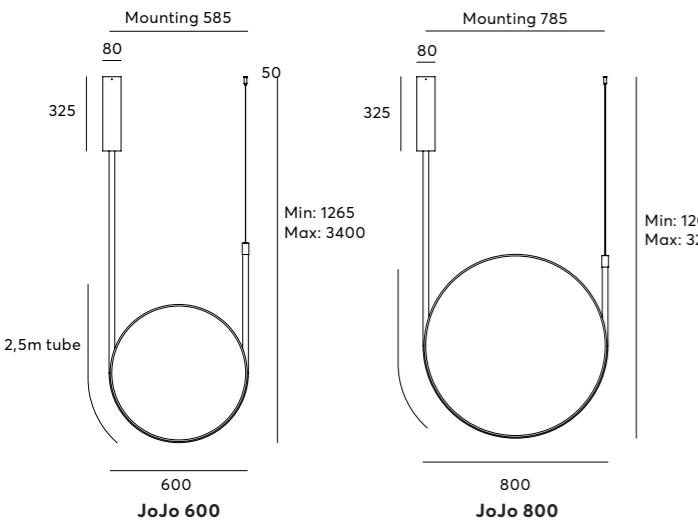
3000K

**Fixture:**

2m black cable  
Black ceiling cap  
1 black metal wire with adjustable griplock

**Acoustic properties:****IP20**

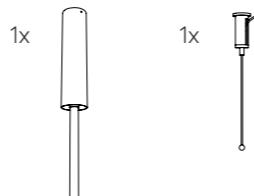
Diffusion by design

**Dimensions:**

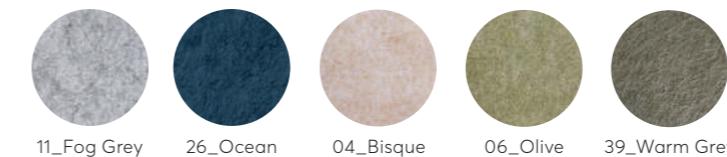
**Total weight 600 gross | net:** 6,2kg | 5,9kg  
**Total weight 800 gross | net:** 7,9kg | 7,6kg

**Parcel size 600:**  
**Parcel size 800:**

620x750x450mm  
820x950x100mm

**Mounting:****Adjusting height:**

Cable comes out of canopy if larger dimension is required  
2meter of extra optional cable

**Colors:****2,5m LED tube, Light source specifications:**

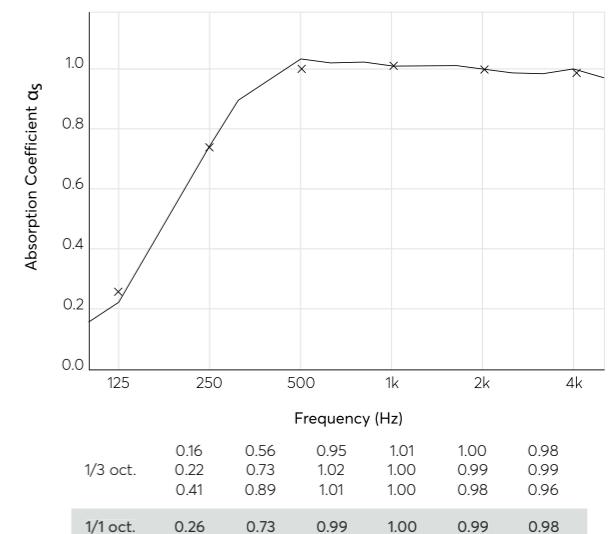
LED power:	25W
Connection voltage:	220-240V AC
Luminous Flux:	2600lm
Driver:	Included   Integrated
Control   Dimmable:	Trailing Edge   DALI
Power factor:	104lm/W
Beam of light:	360°
CCT Color temperature:	3000K
CRI:	Ra >80
UGR:	<17
Operating temperature:	-20 ~ +45

**Acoustic specifications:**

The acoustic design principle.

JoJo is designed as an acoustic pendant for above tables, or open spaces. Due to the thick sound absorbing disc it can absorb up to 100% of all sound entering the panel. Grouping multiple units increases the sound-absorbing mass, enhancing the overall acoustic impact in the space.

**Suspended 24 mm Sand-wich panel PET Felt tested to ISO 354:2003.**



**aw (ISO 11654) = 1,00**

SAA (ASTM - C423) = 0,93

# Drop



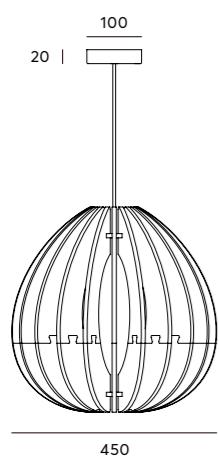
Drop is distinguished by its two-tone design, created from two cleverly connected puzzle-like pieces that give it a unique character. Constructed from slats, Drop casts beautiful shadows on the ceiling while its lamella structure also provides effective sound absorption.



Drop

**Material:**

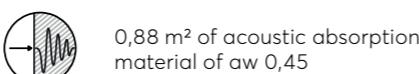
PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

**Lighting properties:****Dimensions:**

max 1500

**Fixture:**

1,5m black textile cable  
Black ceiling cap

**Acoustic properties:**

**Total weight gross | net:**  
3,5kg | 2,6kg  
**Parcel size:**  
480x480x600mm

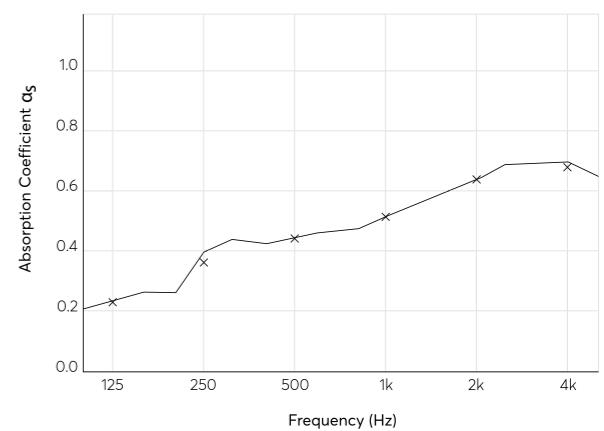
**Mounting:****Top Colors:****Bottom Colors:**

\* We do NOT recommend to pick the same Felt color for top and bottom

**Acoustic specifications:**

The acoustic design principle.

Drop is a relatively small yet solid acoustic lamp made from sound-absorbing lamellae. It helps reduce reverberation time by effectively absorbing sound waves.

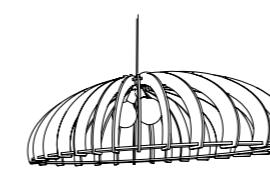
**Suspended 9 mm PET Felt tested to ISO 354:2003.****Calculated acoustic surface area: 0,88 m<sup>2</sup>**

**aw (ISO 11654) = 0,45**  
SAA (ASTM - C423) = 0,45

# Cage series



Cage-shaped lamps made from acoustic PET Felt blend stylish design with sound absorption. Their open structure lets sound pass through, reducing noise while adding a modern touch to any space.



Cage oval



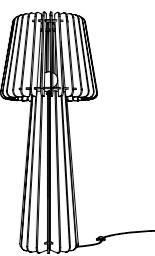
Podge



Spott



Spott XL



Pyknic

## Cage oval

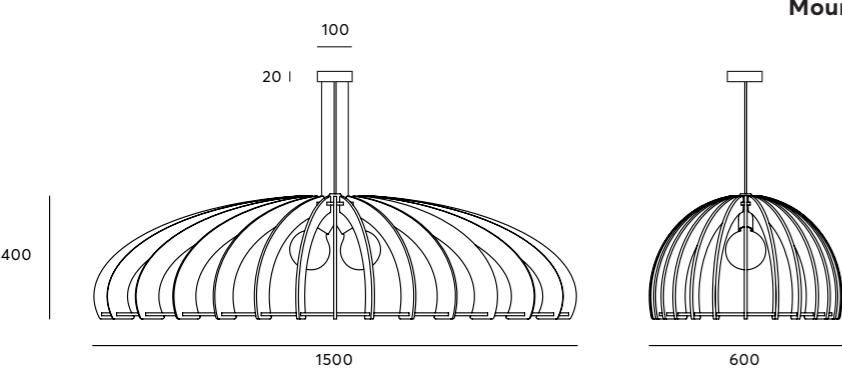


**Material:**  
PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

## Lighting properties:

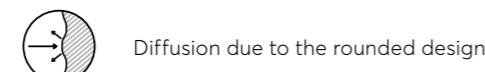
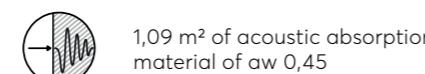


## Dimensions:



**Fixture:**  
1,5m black textile cable  
2 black metal wires with adjustable griplock  
Black ceiling cap

## Acoustic properties:



**Total weight gross | net:** 3,5kg | 2,6kg  
**Parcel size:** 1510x610x460mm

## Mounting:



## Colors:



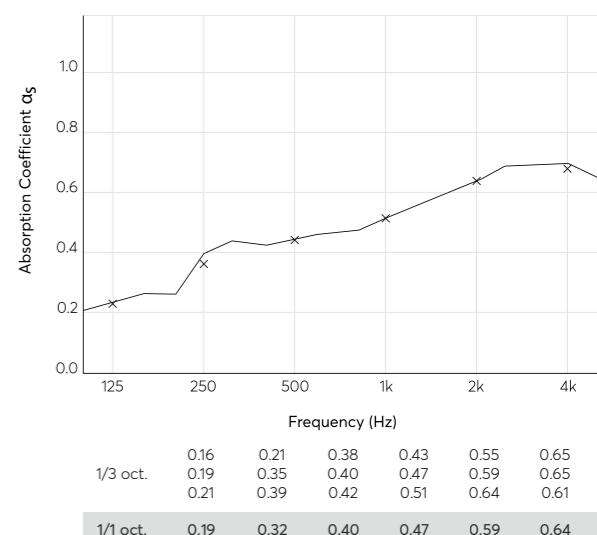
## Acoustic specifications:

The acoustic design principle.

The Cage oval lamp features a sleek geometric design with an elegant oval shape. Equipped with dual light sources, it provides versatile illumination that enhances any space. Crafted with acoustic PET Felt, Cage combines modern aesthetics with effective sound absorption for a balanced lighting and acoustic experience.

**Calculated acoustic surface area: 1,09 m<sup>2</sup>**

**Suspended 9 mm PET Felt tested to ISO 354:2003.**



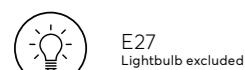
**aw (ISO 11654) = 0,45**

SAA (ASTM - C423) = 0,45

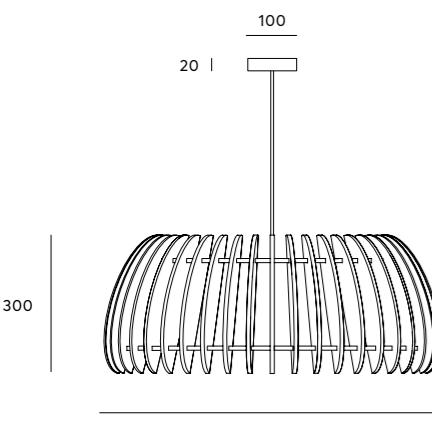


**Material:**  
PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

#### Lighting properties:



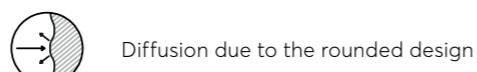
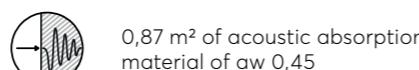
#### Dimensions:



730

**Fixture:**  
1,5m black textile cable  
Black ceiling cap

#### Acoustic properties:



**Total weight gross | net:**  
3,5kg | 2,6kg  
**Parcel size:**  
800x800x400mm

#### Mounting:



#### Colors:

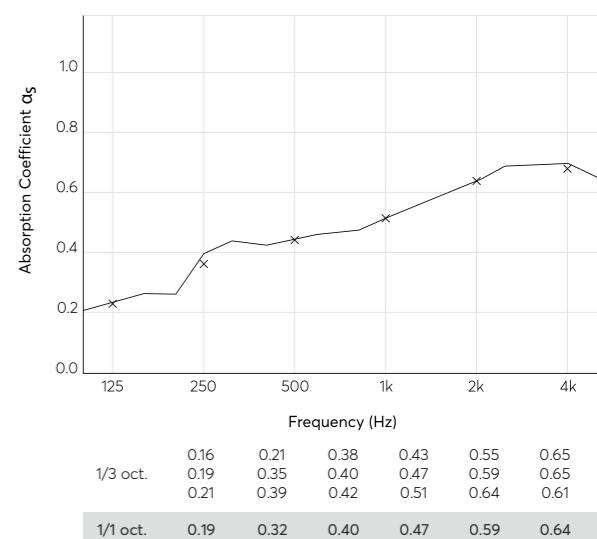


#### Acoustic specifications:

The acoustic design principle.

The round Podge lamp positively impacts acoustics with its curved shape and numerous lamellae that effectively absorb sound.

**Calculated acoustic surface area:** 0,87 m<sup>2</sup>



**Suspended 9 mm PET Felt tested to ISO 354:2003.**

**aw (ISO 11654) = 0,45**  
SAA (ASTM - C423) = 0,45

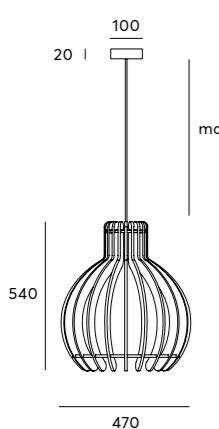


**Material:**  
PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

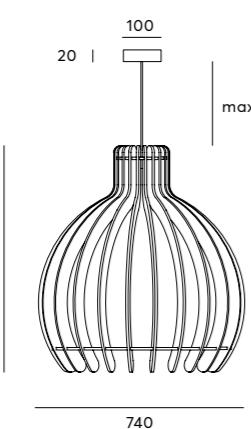
#### Lighting properties:



#### Dimensions:



Spott



Spott XL

#### Acoustic properties:



0,48 / 1,14 m<sup>2</sup> of acoustic absorption  
material of aw 0,45



Diffusion by design

#### Total weight gross | net:

Parcel size Spott: **Flat pack product\***

Parcel size Spott XL **Flat pack product\***

3,5kg | 2,6kg

480x480x600mm

760x760x870mm

#### Mounting:



#### Colors:

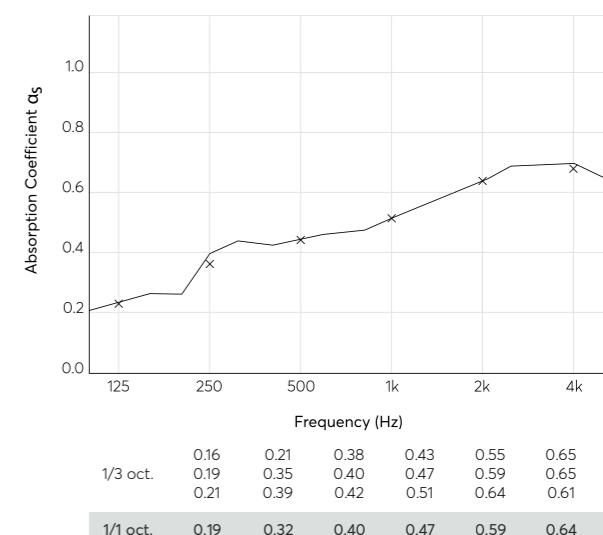


#### Acoustic specifications:

The acoustic design principle.

The Spott lamp provides acoustic benefits thanks to its PET Felt slats. For optimal effect, group multiple lamps together to maximize sound absorption.

**Suspended 9 mm PET Felt tested to ISO 354:2003.**



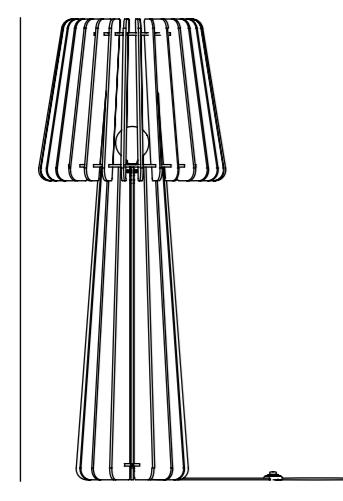
**aw (ISO 11654) = 0,45**

SAA (ASTM - C423) = 0,45

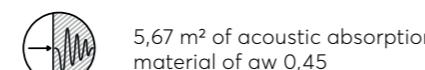
\* Products for export will be shipped Flat packed. Needs to be assembled by customer on location.  
Within The Netherlands, shipped by Lumeneur's own transport logistics and with additional charge.  
On request, the product can be delivered assembled.

**Material:**

PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

**Lighting properties:****Dimensions:****Fixture:**

2 meter black PVC cable with floor switch and europlug

**Acoustic properties:**

5,67 m<sup>2</sup> of acoustic absorption material of aw 0,45



Diffusion by design

**Total weight gross | net:** 8,5kg | 7,8kg

**Parcel size:** 760x760x1100mm

**Mounting:** Free standing

**Colors:****Acoustic specifications:**

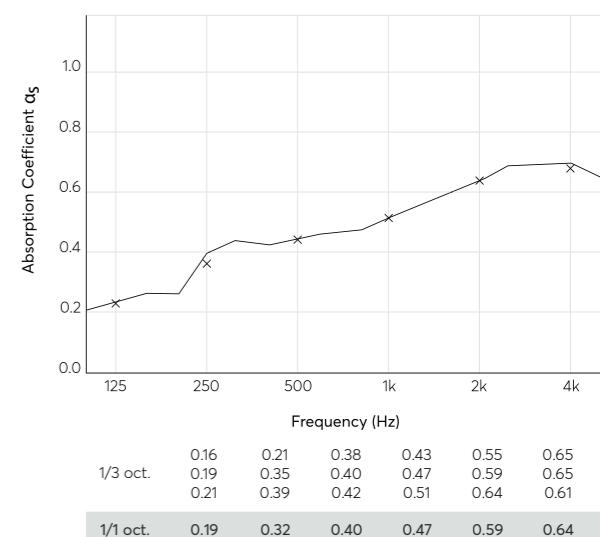
The acoustic design principle.

Pyknic is an acoustic standing light designed for larger open spaces where soundwaves travel freely. It effectively reduces reverberation time, improving overall sound quality.

Ideal for placement in corners or near hard surfaces, Pyknic also functions as an efficient bass absorber in noisy environments.

**Calculated acoustic surface area:** 5,67 m<sup>2</sup>

**Suspended 9 mm PET Felt tested to ISO 354:2003.**

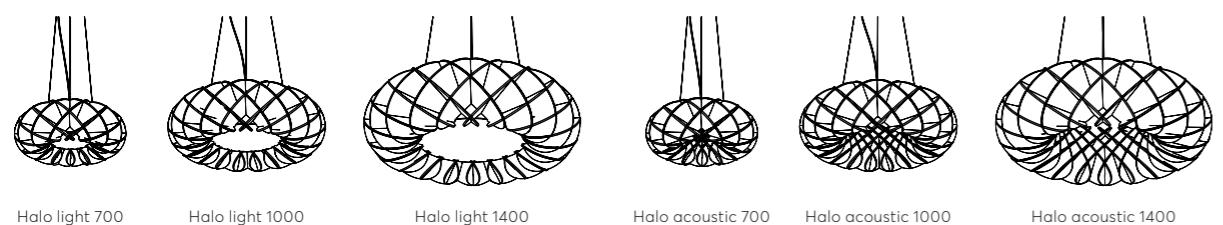


**aw (ISO 11654) = 0,45**

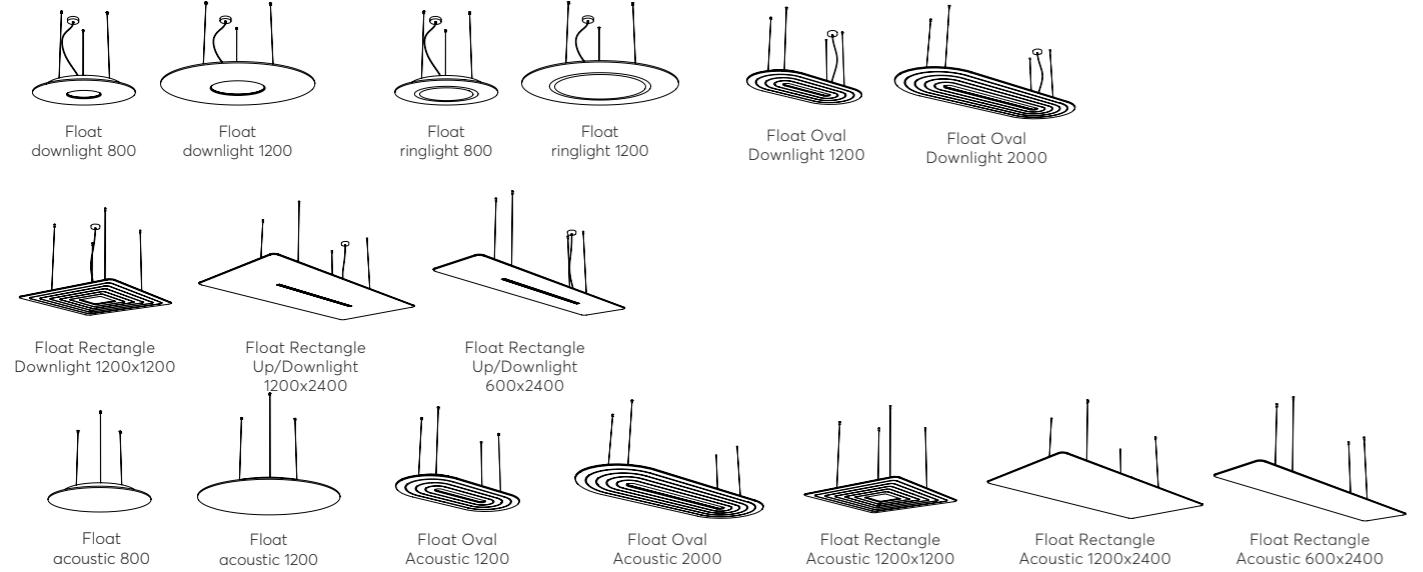
SAA (ASTM - C423) = 0,45

## Quick overview Technical lighting

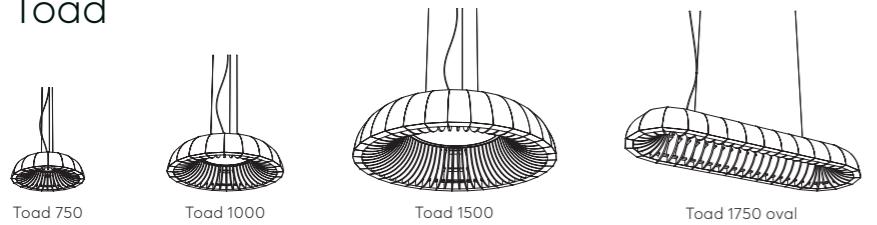
### Halo



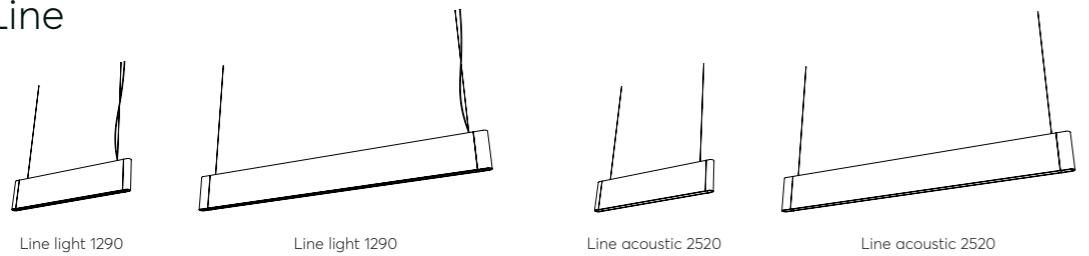
### Float



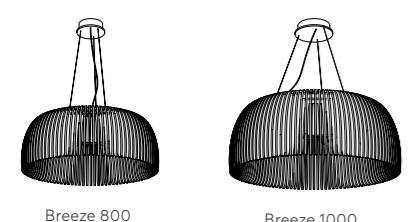
### Toad



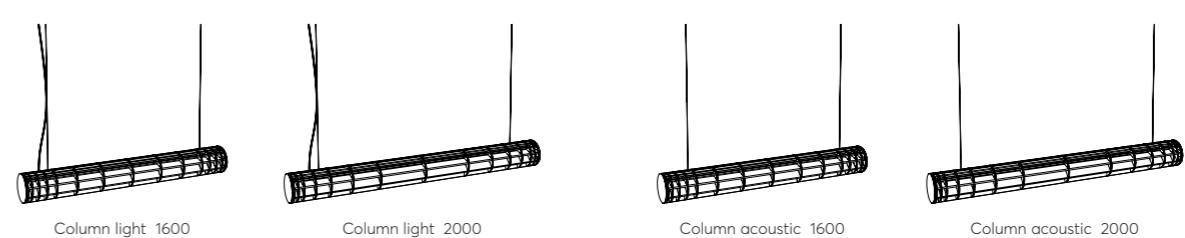
### Line



### Breeze



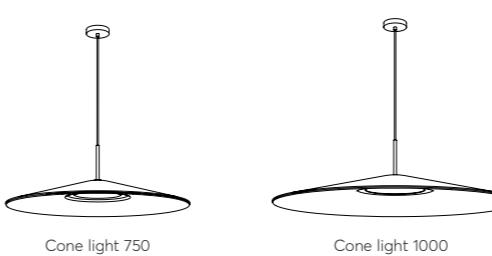
### Column



### Cloud



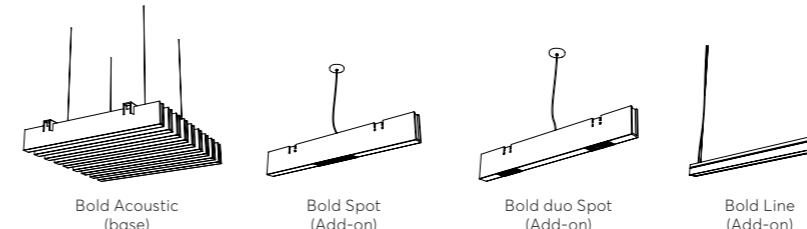
### Cone



### Sliced

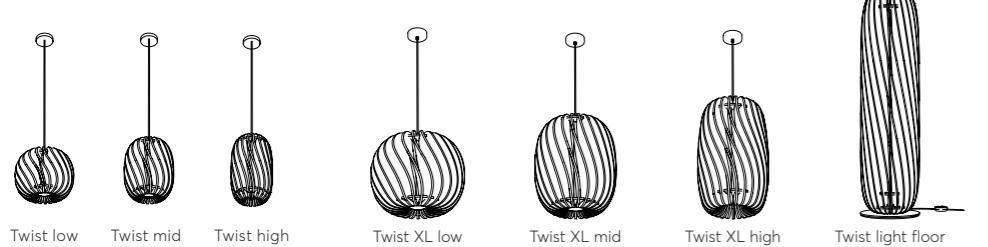


### Bold



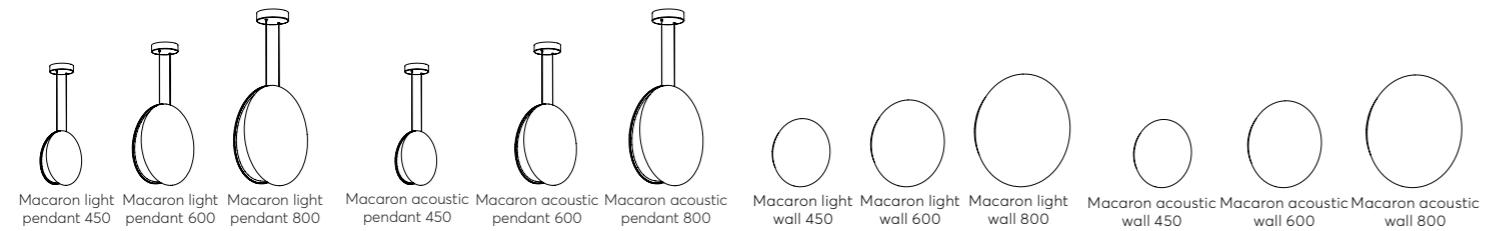
## Quick overview Decorative lighting

### Twist

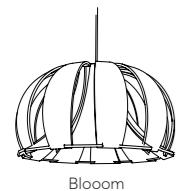


### Notes

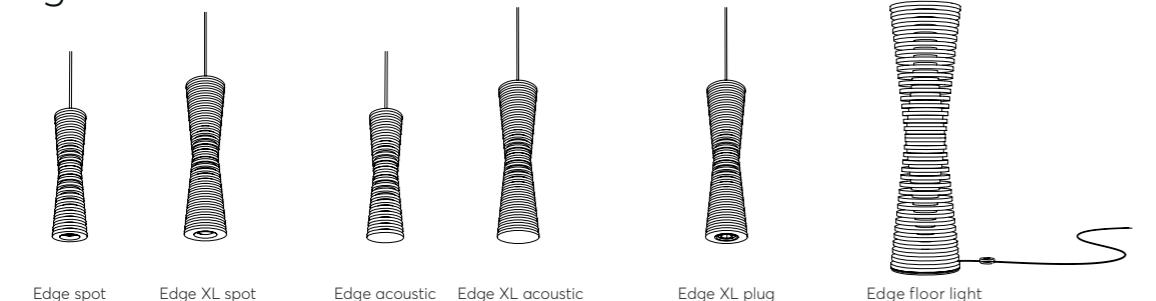
### Macaron



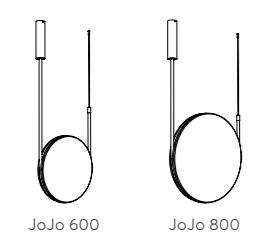
### Blooom



### Edge



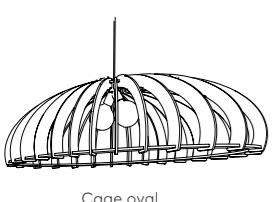
### JoJo



### Drop



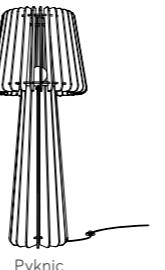
### Cage



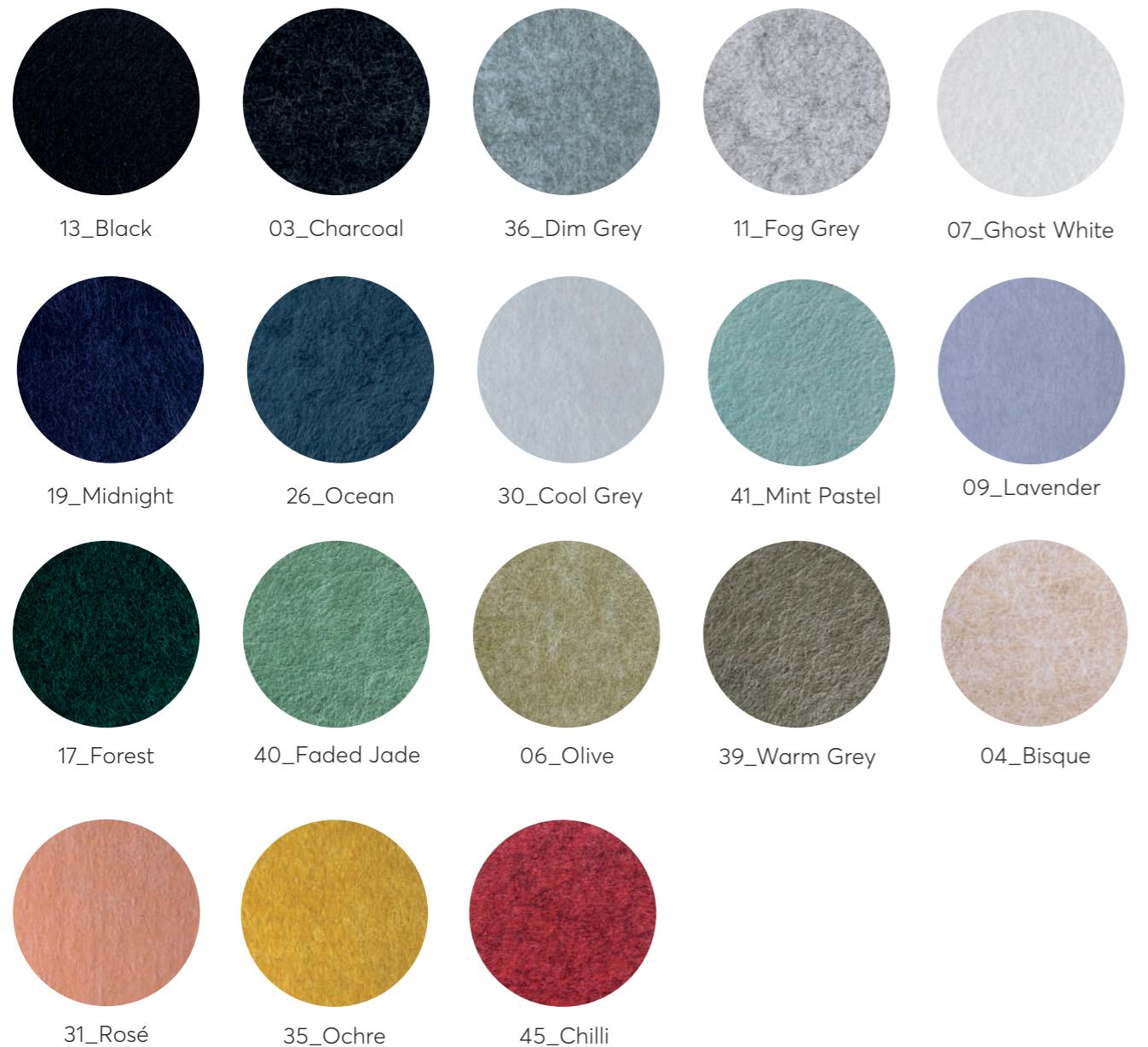
### Podge



### Pyknic



## PET Felt color overview



## Technical information

### Composition:

PET Felt 100% polyester

### Environmental:

Minimum 60% Post consumer recycled PET.  
Made from recycled and recyclable PET Felt.

### Flammability:

EN 13501-1 Class B  
ASTM E84-2018 Class A  
BS476-7 Class 1Y

### Cleaning Instructions:

Remove contaminants as quickly as possible to maintain the quality of your PET Felt.

1. **Vacuum regularly** to remove dust and loose particles.
2. **Clean with water or a soft brush** — no detergents needed for light soiling.
3. **Dab gently with a damp cloth**; avoid rubbing to prevent damaging the surface.
4. **For tougher stains**, use a high-quality cleaning agent — always test it first on an inconspicuous area.
5. **Air dry naturally**; do not use heat sources.

lumēnear

www.lumenear.com  
info@lumenear.com  
Zoeterwoudseweg 21d  
2321 GM Leiden  
The Netherlands  
+31(0)715352210