



luménear<sup>®</sup>  
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



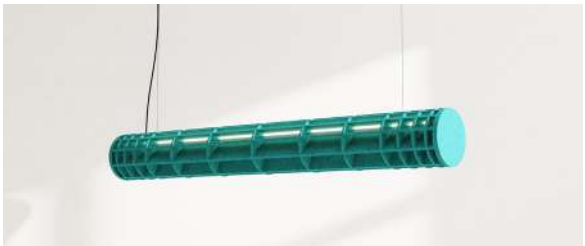
Halo 62



Line 74



Breeze 82



Column 88



Cloud 96



Cone 104



Sliced 110



Bold 114

# Decorative lighting



Twist 126



Twist floor 134



Macaron 136



Bloom 146



Edge 150



Edge floor 158



JoJo 160



Drop 164



Cage 168



Podge 172



Spott 174



Pyknic 176



# Crafting comfort with lumēnear

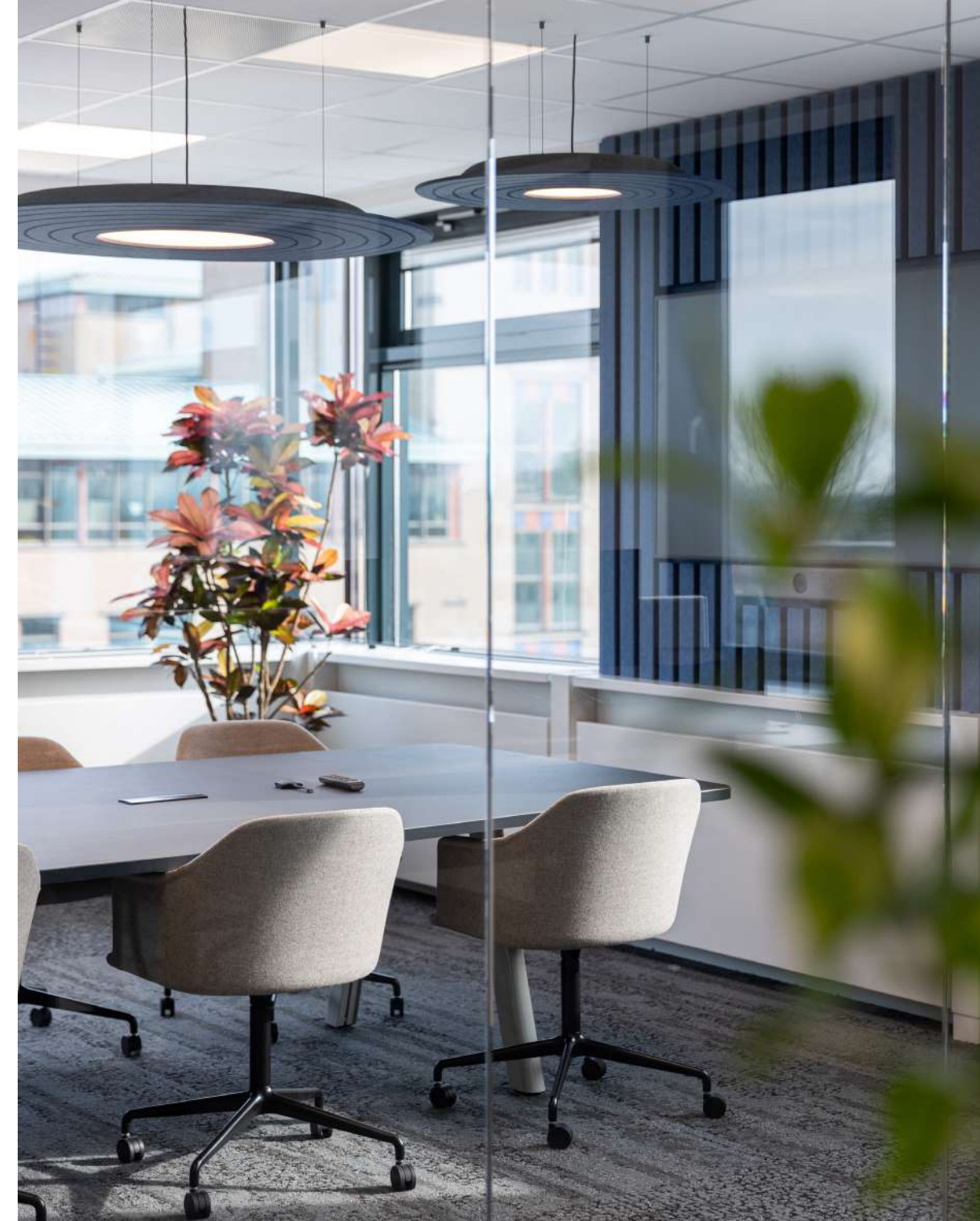
**lumēnear's mission is simple yet profound: deliver honest acoustic design lamps that not only enhance the ambiance but also elevate the way we work, connect, and thrive.**

At lumēnear, 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

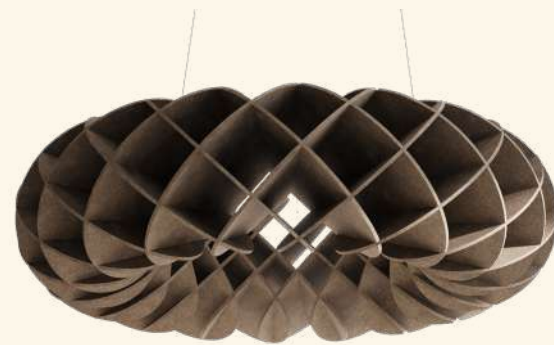
**The right amount of acoustic material, placed in the right locations, is essential to achieving the desired acoustic outcome.**

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

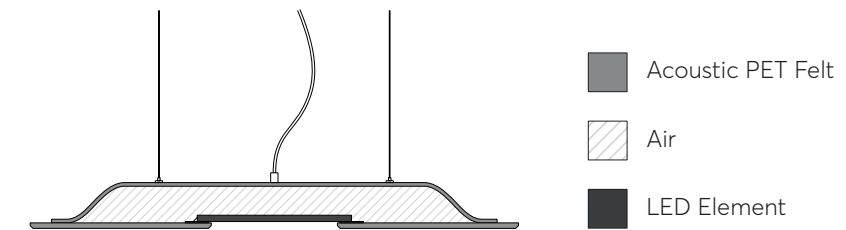
See  
it

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.

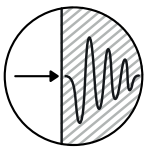
Ceiling placement, in particular, takes advantage of natural sound propagation to efficiently reduce noise. This smart integration of lighting and acoustics demonstrates how thoughtful design can simultaneously enhance ambiance, clarity, and comfort.

Hear it

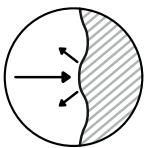


# Principle of acoustics

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.

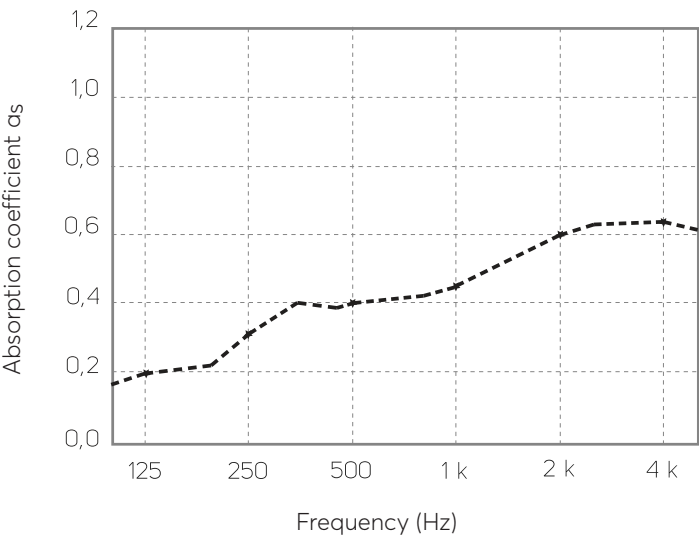


**Absorption** refers to the amount of sound energy that is reduced or dissipated as a sound wave passes through a material of a given thickness.



**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



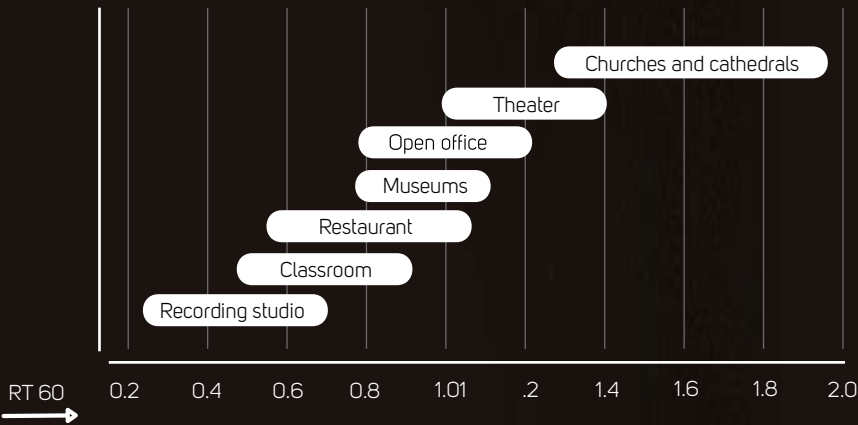
Mid tones



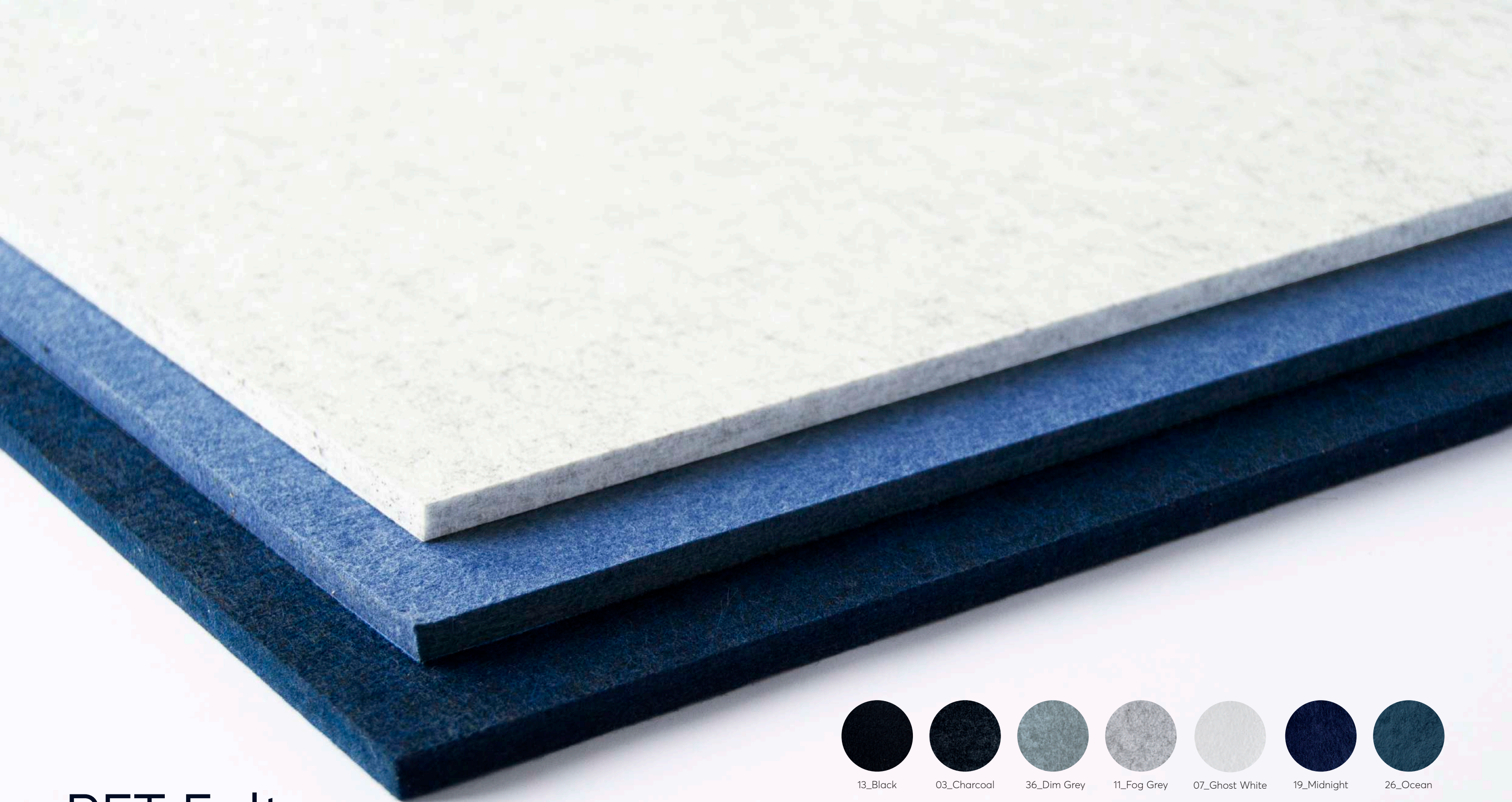
Low tones

## 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.

 13_Black	 03_Charcoal	 36_Dim Grey	 11_Fog Grey	 07_Ghost White	 19_Midnight	 26_Ocean
 30_Cool Grey	 41_Mint Pastel	 09_Lavender	 17_Forest	 40_Faded Jade	 06_Olive	 39_Warm Grey
 04_Bisque	 31_Rosé	 35_Ochre	 45_Chilli			



# Sustainability

## **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.



The beauty of  
recycled materials!



A modern meeting room with a large conference table, a blue pendant light, and a glass wall. The room features a large conference table with a dark top and light wood legs, surrounded by grey chairs. A large blue pendant light hangs over the table. The walls are covered in vertical wood slats, and a large blackboard is mounted on the wall. A glass wall on the right side of the room provides a view into another meeting room. The ceiling has a grid pattern with recessed lighting.

# Collection

## Technical lighting

At lumeneer, 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.



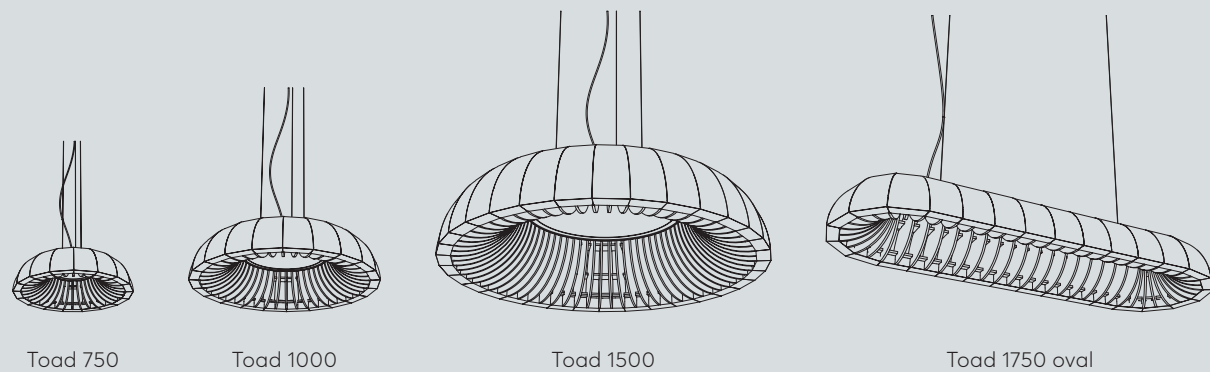
# Toad

## 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.





# Toad 750



MIX  
OWN  
DES



**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

### Lighting properties:

Integrated LED  
17W | 1850lm

Dimmable  
Trailing edge (RC) | DALI

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

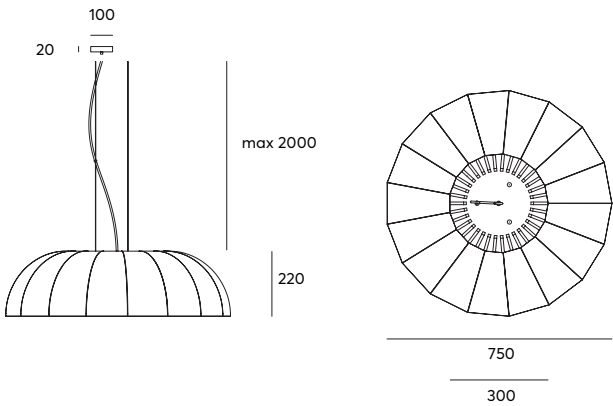
IP20

### Acoustic properties:

1,98 m² of acoustic absorption  
material of aw 0,45

Diffusion due to the 'mushroom' design

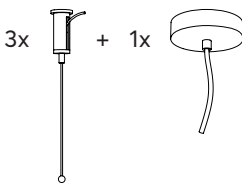
### Dimensions:



**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:

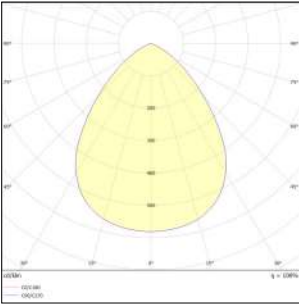
Based on calculations of Toad in colour 26\_Ocean (outside) / 11\_Fog grey (inside) | 3000K | Trailing edge



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.

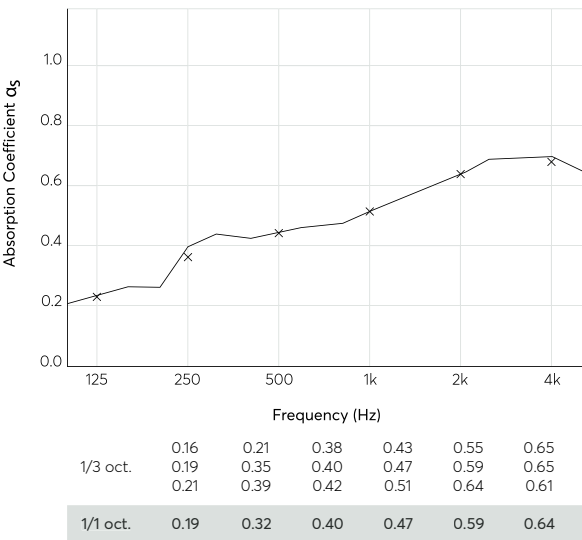
The LED element, will reflect the soundwaves

Calculated acoustic surface area: 1,98 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





# Toad 1000



**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

Lighting properties:

Integrated LED  
36W | 3560lm

Dimmable  
Trailing edge (RC) | DALI

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

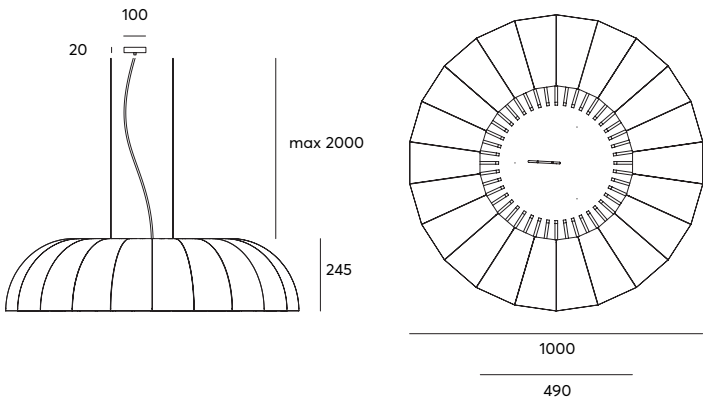
IP20

Acoustic properties:

3,27 m² of acoustic absorption  
material of aw 0,45

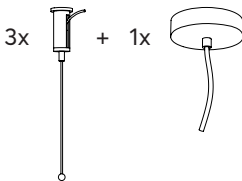
Diffusion due to the 'mushroom' design

Dimensions:



**Total weight gross | net:** 10,6 | 9,4kg  
**Parcel size:** 1000x1000x400mm

Mounting:



Inside Colors:

Outside Colors:

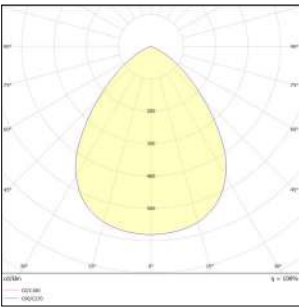
Light source specifications:

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: 2700K/3000K/4000K	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	87lm/W 99lm/W 97lm/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.

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.

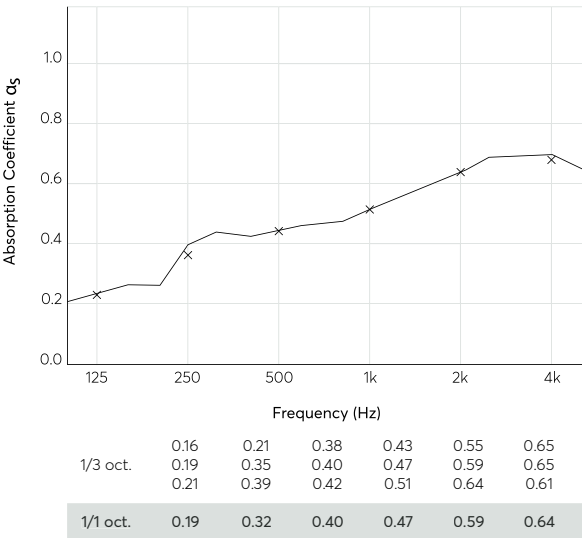
The LED element, will reflect the soundwaves

**Calculated acoustic surface area:** 3,27 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  
4 black metal wires with adjustable griplock  
Black ceiling cap


**Lighting properties:**




Integrated LED  
64W | 6870lm



Dimmable  
DALI




CCT 2700K | 3000K | 4000K




IP20

**Acoustic properties:**

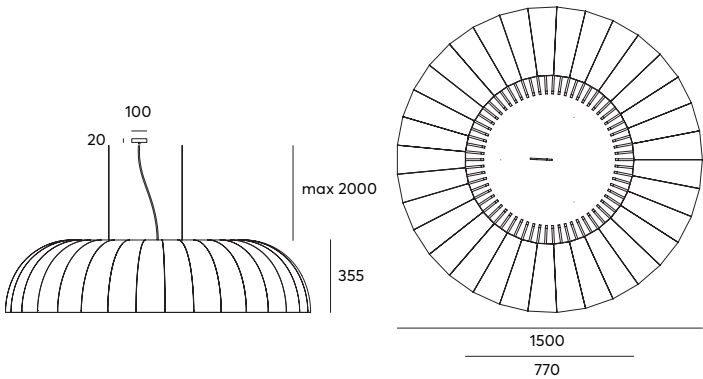


8,84 m<sup>2</sup> of acoustic absorption  
material of aw 0,45



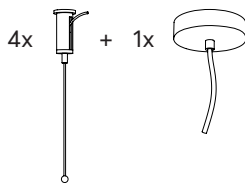
Diffusion due to the 'mushroom' design

**Dimensions:**



**Total weight gross | net:** 28,9 | 25,7kg  
**Parcel size:** 1500x1500x400mm

**Mounting:**



**Inside Colors:**



**Outside Colors:**



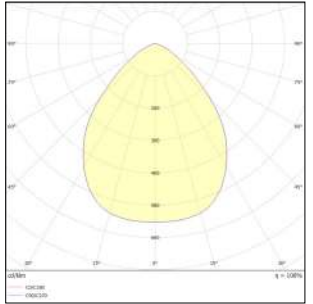
**Light source specifications:**

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: 2700K/3000K/4000K	6230lm / 6870lm / 7360lm
Life time:	L80/B20 100.000h
Driver:	Included   Integrated
Control   Dimmable:	DALI
Power factor: 2700K/3000K/4000K	113lm/W 107lm/W 115lm/W
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.

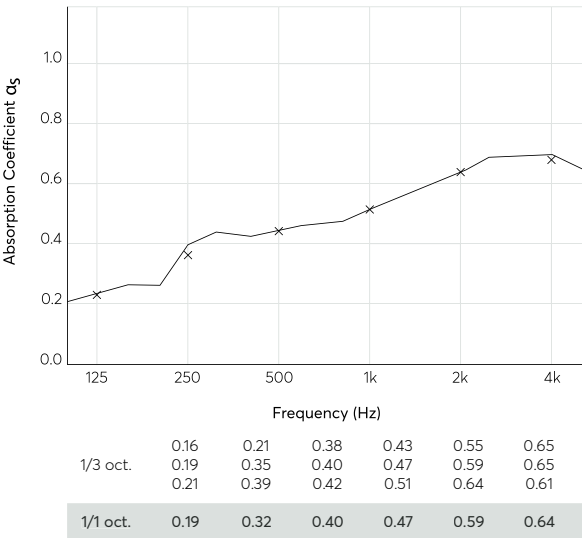
The LED element, will reflect the soundwaves

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









Toad Oval 1750



**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:

Integrated LED  
29W | 3510lm

Dimmable  
Non Dim | Trailing edge | DALI

CCT    3000K | 4000K

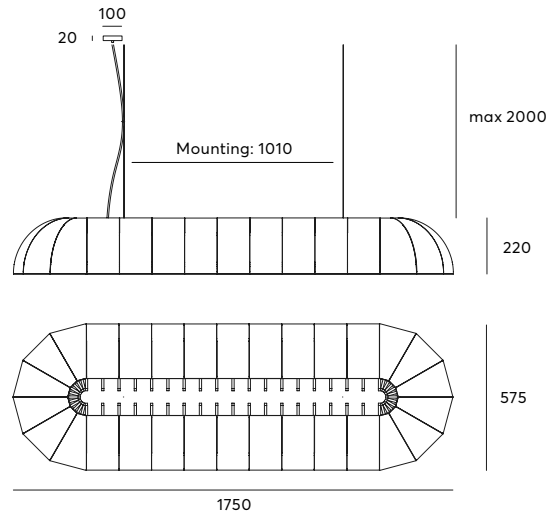
IP20

Acoustic properties:

1,98 m² of acoustic absorption  
material of aw 0,45

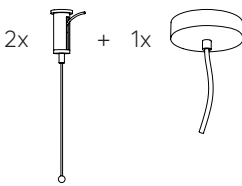
Diffusion due to the 'mushroom' design

Dimensions:



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

Mounting:



Inside Colors:



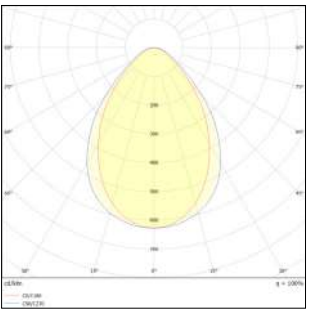
Outside Colors:



Light source specifications:  
Prismatic diffusor (standard / recommended)

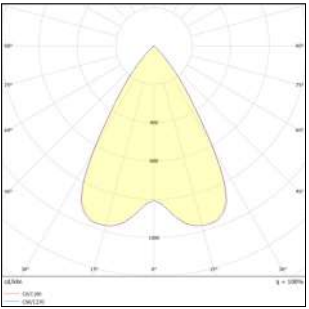
LED power:	29W
Connection voltage:	220-240V AC
Luminous Flux:	3000K/4000K 3510lm / 3620
Life time:	L80/B20 100.000h
Driver:	Included   Integrated
Control   Dimmable:	Trailing Edge   DALI / Push
Power factor:	3000K/4000K 121lm/W 125lm/W
Optics:	Prismatic diffusor
CCT Color temperature:	3000K 4000K
CRI:	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



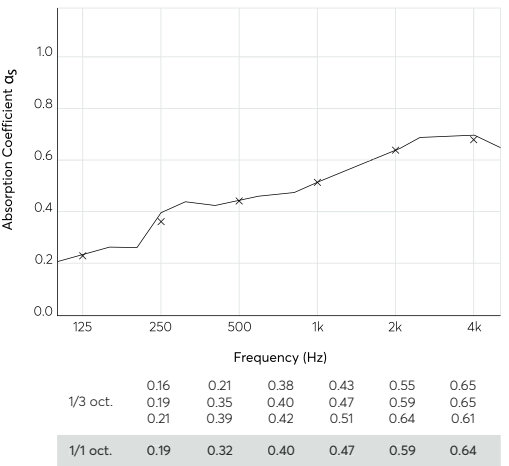
Acoustic specifications:  
The acoustic design principle

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





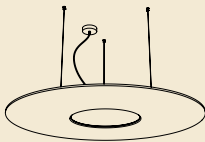
# Float

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.



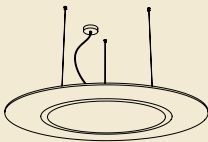
Float  
downlight 800



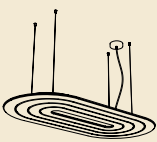
Float  
downlight 1200



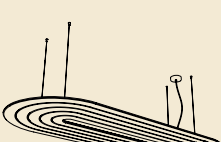
Float  
ringlight 800



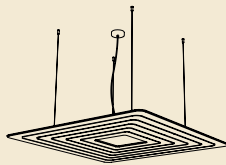
Float  
ringlight 1200



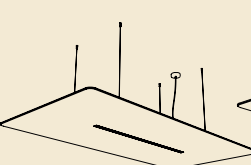
Float Oval  
Downlight 1200



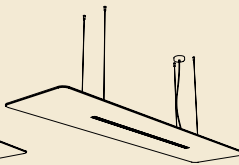
Float Oval  
Downlight 2000



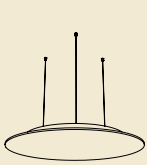
Float Rectangle  
Downlight 1200x1200



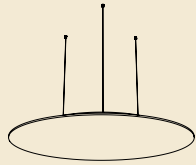
Float Rectangle  
Light 1200x2400



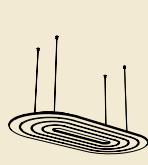
Float Rectangle  
Light 600x2400



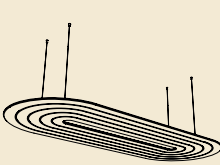
Float  
acoustic 800



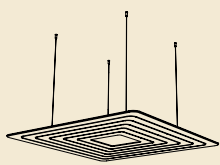
Float  
acoustic 1200



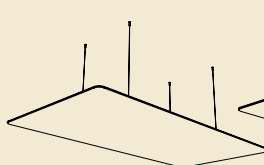
Float Oval  
Acoustic 1200



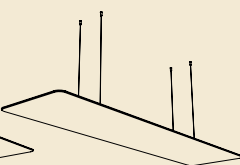
Float Oval  
Acoustic 2000



Float Rectangle  
Acoustic 1200x1200



Float Rectangle  
Acoustic 1200x2400



Float Rectangle  
Acoustic 600x2400



Float  
Float downlight 800



**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 and Charcoal PET Felt hood (standard)

**Lighting properties:**

Integrated LED  
17W | 1870lm

Dimmable  
Trailing edge (RC) | DALI

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

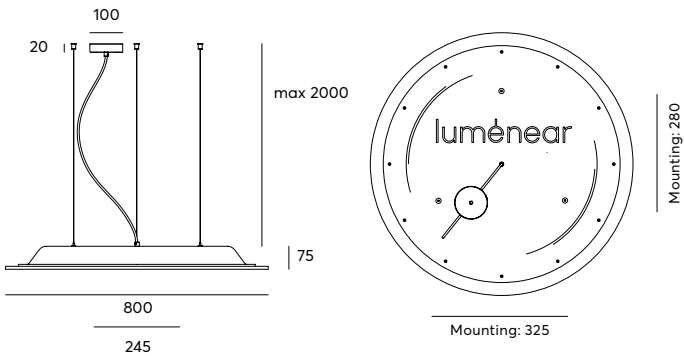
IP20

**Acoustic properties:**

High absorption  
value of  $\alpha_w$  0,55

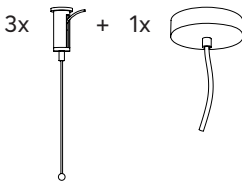
Diffusion

**Dimensions:**

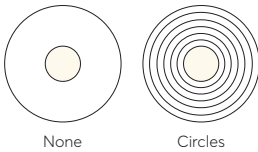


**Total weight gross | net:** 3,2 | 2,7kg  
**Parcel size:** 800x800x100mm

**Mounting:**



**Pattern options:**



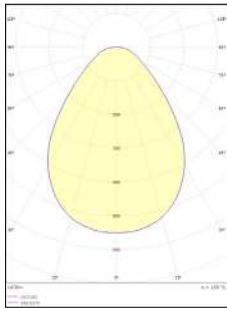
**Colors:**



**Light source specifications:**

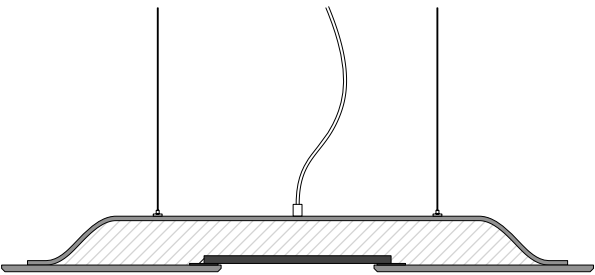
LED power:	17W
Connection voltage:	220-240V AC
Luminous Flux:	2700K/3000K/4000K 1750lm / 1870lm / 1950lm
Life time:	L80/B20 100.000h
Driver:	Included   Integrated
Control  Dimmable:	Trailing Edge   DALI
Power factor:	2700K/3000K/4000K 103lm/W 110lm/W 115lm/W
Optics:	Acrylic Opal Prism
CCT Color temperature: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

**Photometrics:**  
Lumen intensity distribution



**Acoustic specifications:**

The acoustic design principle.

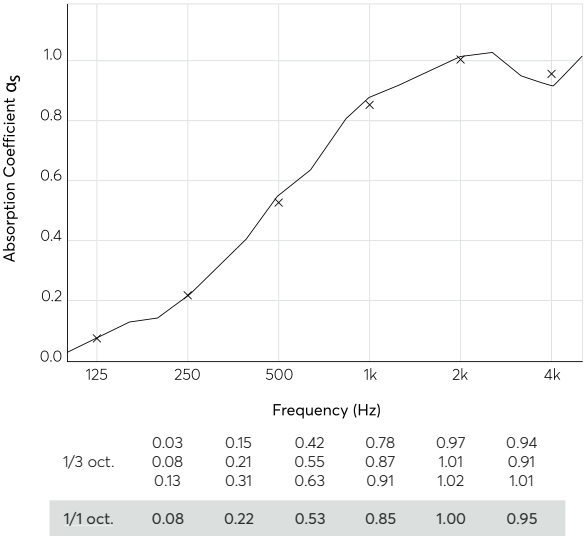


- Acoustic PET Felt
- Air
- LED Element

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.



**$\alpha_w$  (ISO 11654) = 0,55(MH)**

SAA (ASTM - C423) = 0,65

# Float downlight 1200



**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 and Charcoal PET Felt hood (standard)

Lighting properties:

Integrated LED  
33W | 3620lm

Dimmable  
Trailing edge (RC) | DALI

CCT  
3000K | 4000K  
TW 2700-6500K

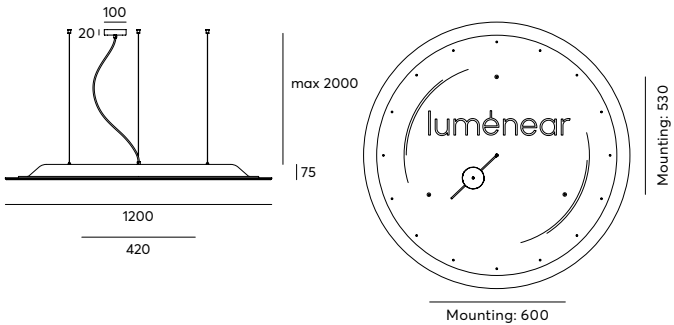
IP20

Acoustic properties:

High absorption  
value of  $\alpha_w$  0,55

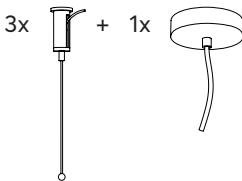
Diffusion

Dimensions:

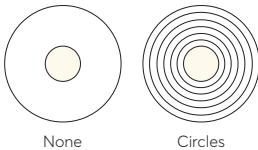


**Total weight gross | net:** 11,2 | 9,1kg  
**Parcel size:** 1200x1200x100mm

Mounting:



Pattern options:



Colors:

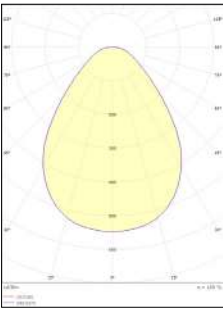


Light source specifications:

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

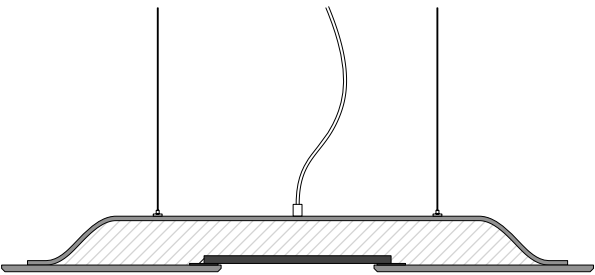
Photometrics:

Lumen intensity distribution



Acoustic specifications:

The acoustic design principle.

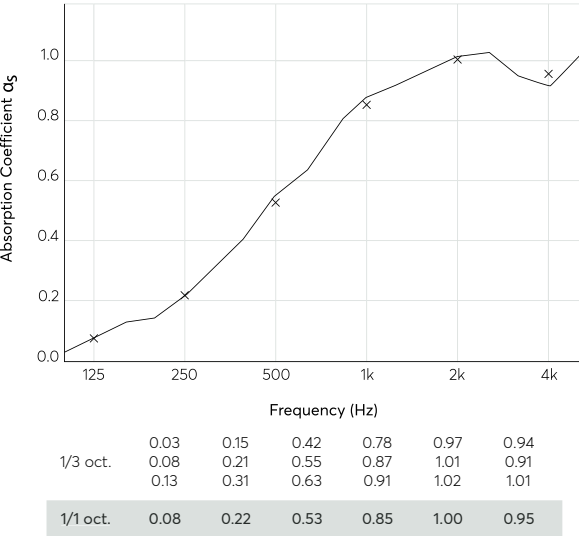


- Acoustic PET Felt
- Air
- LED Element

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.



**$\alpha_w$  (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

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

**Lighting properties:**

Integrated LED  
24W | 1658lm

Dimmable  
Trailing edge (RC) | DALI

CCT 2700K | 3000K | 4000K

IP20

**Acoustic properties:**

High absorption  
value of  $\alpha_w$  0,55

Diffusion

**Dimensions:**

**Total weight gross | net:** 3,4 | 2,9kg  
**Parcel size:** 800x800x100mm

**Mounting:**

**Pattern options:**

**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 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.

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

	0.03	0.15	0.42	0.78	0.97	0.94
1/3 oct.	0.08	0.21	0.55	0.87	1.01	0.91
	0.13	0.31	0.63	0.91	1.02	1.01
1/1 oct.	0.08	0.22	0.53	0.85	1.00	0.95

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



Float ringlight 1200



**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 and Charcoal PET Felt hood (standard)

Lighting properties:

Integrated LED  
39W | 2710lm

Dimmable  
Trailing edge (RC) | DALI

CCT 2700K | 3000K | 4000K

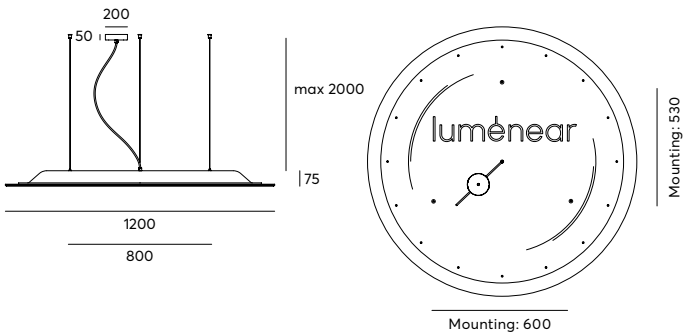
IP20

Acoustic properties:

High absorption  
value of  $\alpha_w$  0,55

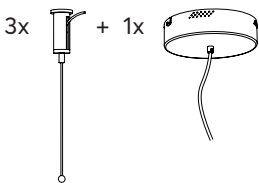
Diffusion

Dimensions:

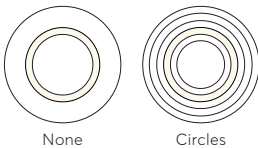


**Total weight gross | net:** 11,2 | 9,1kg  
**Parcel size:** 1200x1200x100mm

Mounting:



Pattern options:



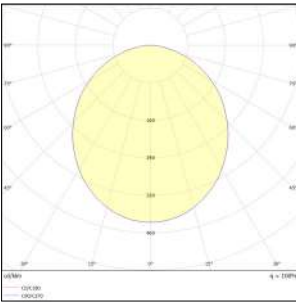
Colors:



Light source specifications:

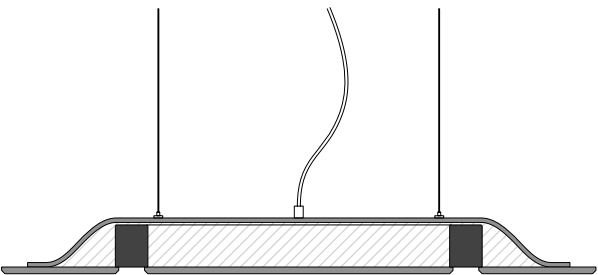
Based on calculations of 3000K | Trailing edge

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.

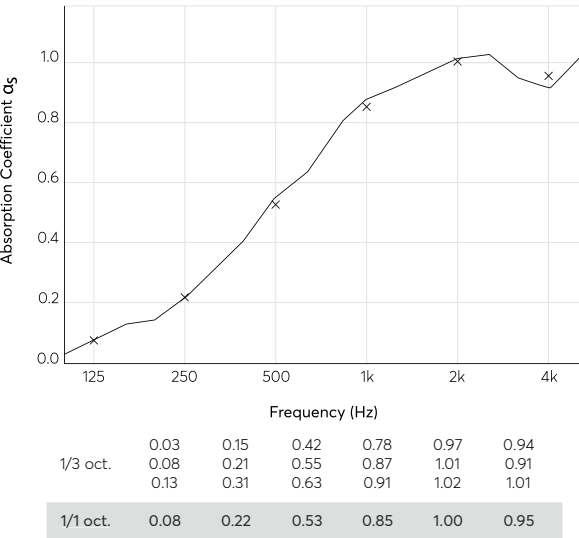


- Acoustic PET Felt
- Air
- LED Element

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.



$\alpha_w$  (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

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

Lighting properties:

Integrated LED  
9W | 1160lm

Dimmable  
Trailing edge (RC) | DALI

CCT 3000K | 4000K

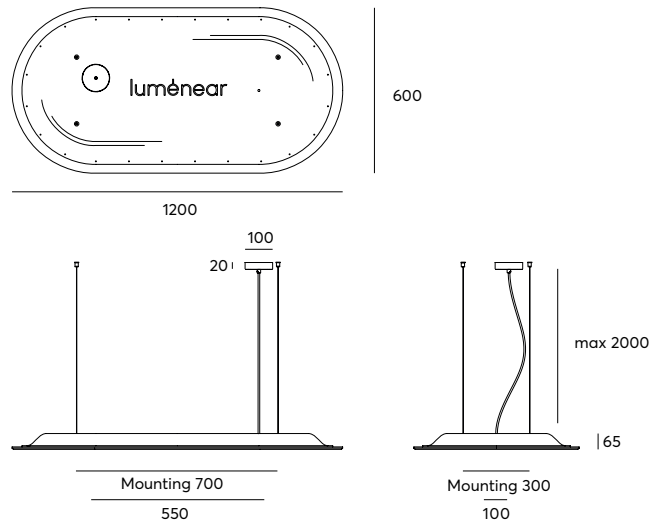
IP20

Acoustic properties:

High absorption  
value of  $\alpha_w$  0,55

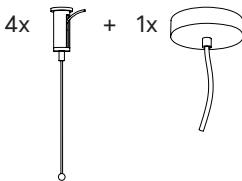
Diffusion

Dimensions:

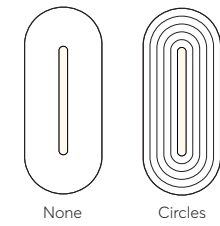


**Total weight gross | net:** 6,3 | 5,2kg  
**Parcel size:** 1200x600x100mm

Mounting:



Pattern options:



Colors:

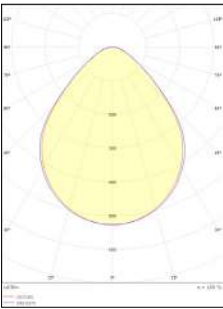


Light source specifications:

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

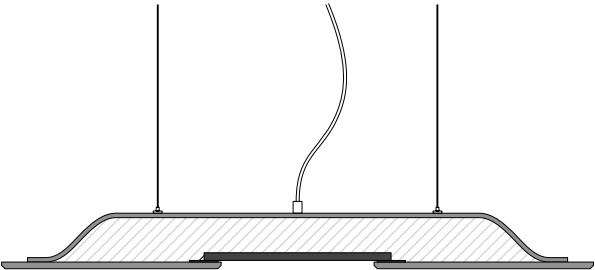
Photometrics:

Lumen intensity distribution



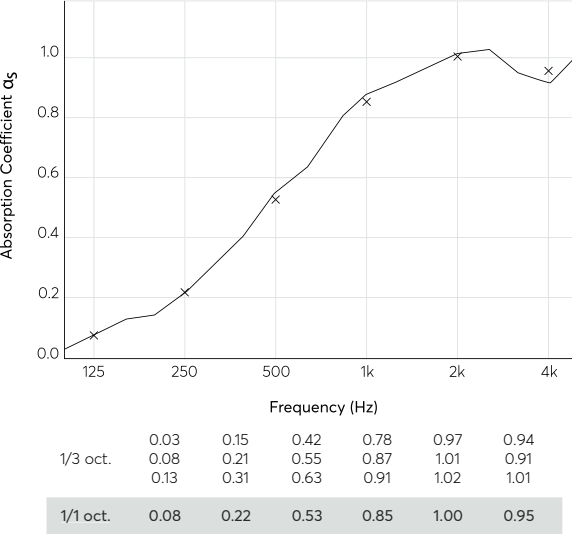
Acoustic specifications:

The acoustic design principle.



- Acoustic PET Felt
- Air
- LED Element

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



**$\alpha_w$  (ISO 11654) = 0,55(MH)**

SAA (ASTM - C423) = 0,65

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



# Float Oval Downlight 2000



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

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

Lighting properties:

Integrated LED  
18W | 2310lm

Dimmable  
Trailing edge (RC) | DALI

CCT    3000K | 4000K

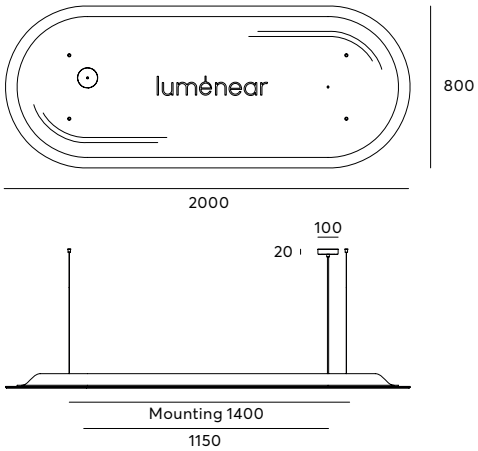
IP20

Acoustic properties:

High absorption  
value of  $\alpha_w$  0,55

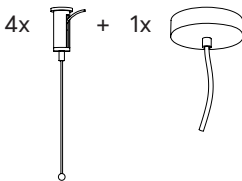
Diffusion

Dimensions:

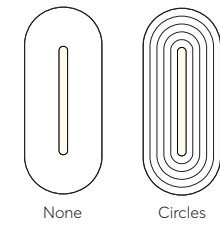


**Total weight gross | net:** 11,2 | 9,1kg  
**Parcel size:** 2000x800x100mm

Mounting:



Pattern options:



Colors:

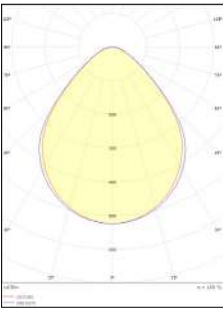


Light source specifications:

LED power:	18W
Connection voltage:	220-240V AC
Luminous Flux: 3000K/4000K	2310lm / 2460lm
Life time:	L80/B20 100.000h
Driver:	Included/Integrated
Control   Dimmable:	Trailing Edge   DALI
Power factor: 3000K/4000K	128lm/W 137lm/W
Optics:	Acrylic Opal Prism
CCT Color temperature:	3000K 4000K
CRI:	Ra>80
UGR:	<19
Operating temperature:	-20 ~ +45

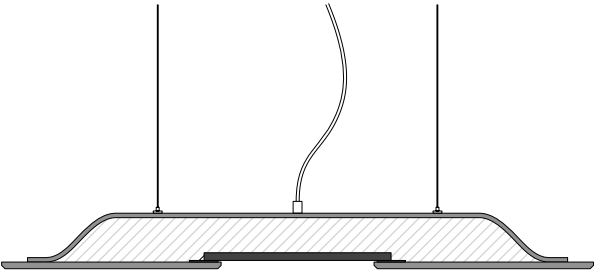
Photometrics:

Lumen intensity distribution



Acoustic specifications:

The acoustic design principle.

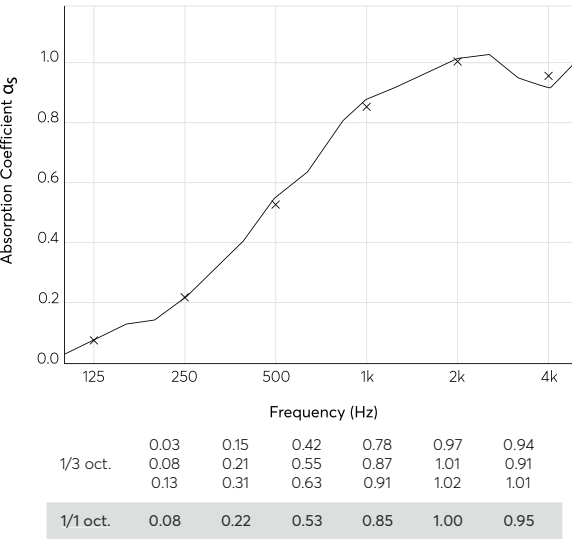


- Acoustic PET Felt
- Air
- LED Element

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



**$\alpha_w$  (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

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

**Lighting properties:**

Integrated LED  
26W | 2250lm

Dimmable  
Trailing edge (RC) | DALI

CCT  
3000K | 4000K

IP20

**Acoustic properties:**

High absorption  
value of  $\alpha_w$  0,55

Diffusion

**Dimensions:**

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

**Mounting:**

**Pattern options:**

None

Circles

**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:**

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.

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

	0.03	0.15	0.42	0.78	0.97	0.94
1/3 oct.	0.08	0.21	0.55	0.87	1.01	0.91
	0.13	0.31	0.63	0.91	1.02	1.01
1/1 oct.	0.08	0.22	0.53	0.85	1.00	0.95

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




# Float Rectangle Light 1200x2400




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

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


Lighting properties:




Integrated LED  
30/34W | 3846/4140lm



Dimmable  
Non dim | Trailing edge (RC) | DALI




CCT 3000K | 4000K




IP20

Acoustic properties:

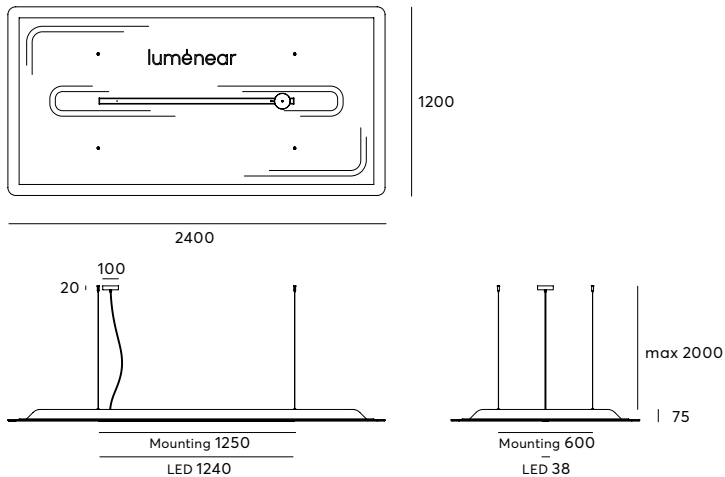


High absorption  
value of  $\alpha_w$  0,55



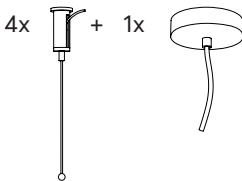
Diffusion

Dimensions:

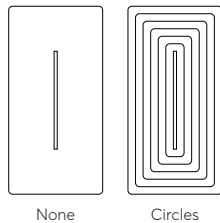


**Total weight gross | net:** 11,2 | 9,1kg  
**Parcel size:** 2000x800x100mm

Mounting:



Pattern options:



Colors:

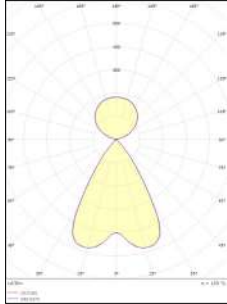


Light source specifications:  
Cubic reflector



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

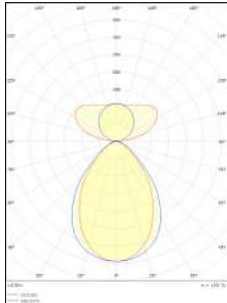
Photometrics:  
Lumen intensity distribution



Prismatic difusor



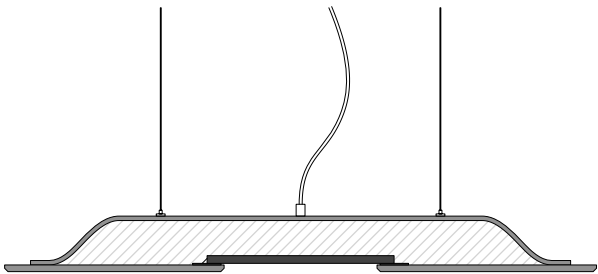
LED power:	30W
Connection voltage:	220-240V AC
Luminous Flux:	3846lm
Life time:	L90/B10 100.000h
Driver:	Included   Integrated
Control   Dimmable:	Trailing Edge   DALI / Push
Power factor:	122lm/W
Optics:	Prismatic difusor
CCT Color temperature:	3000K 4000K
CRI:	Ra>80
UGR:	<19
Operating temperature: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



Acoustic specifications:

The acoustic design principle.

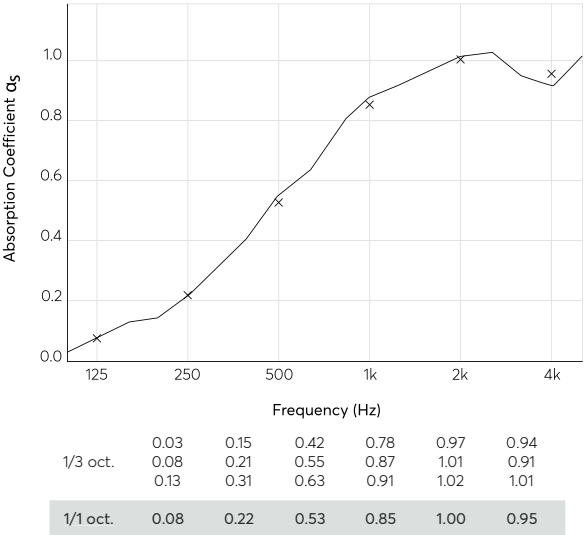
Measurement of sound absorption in a reverberation room  
According to ISO 354:2003



- Acoustic PET Felt
- Air
- LED Element

$\alpha_w$  (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

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


Lighting properties:




Integrated LED  
30/34W | 3846/4140lm



Dimmable  
Non dim | Trailing edge (RC) | DALI




CCT 3000K | 4000K




IP20

Acoustic properties:

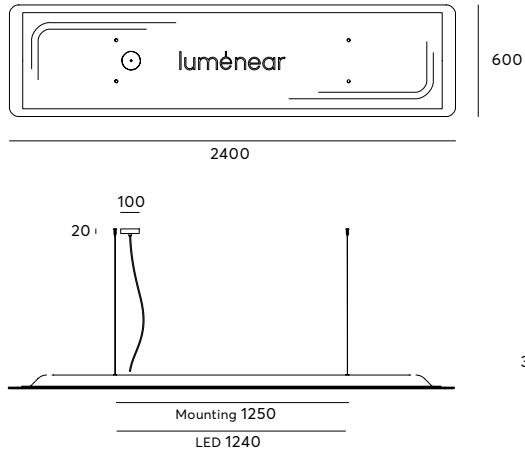


High absorption  
value of  $\alpha_w$  0,55



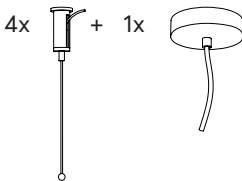
Diffusion

Dimensions:

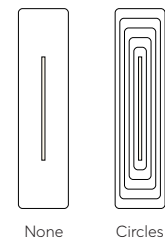


**Total weight gross | net:** 11,2 | 9,1kg  
**Parcel size:** 2000x800x100mm

Mounting:



Pattern options:



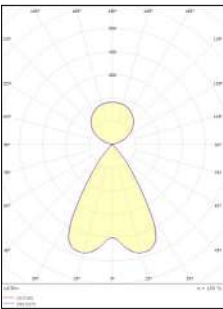
Colors:



Light source specifications:  
Cubic reflector

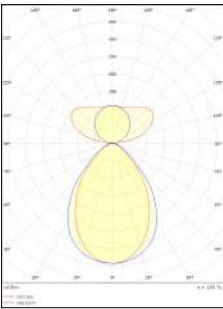
LED power:	34W
Connection voltage:	220-240V AC
Luminous Flux:	4140lm
Life time:	L80/B20 100.000h
Driver:	Included   Integrated
Control   Dimmable:	Not dimmable   DALI
Power factor:	122lm/W
Optics:	Cubic Optic Noir
CCT Color temperature:	3000K 4000K
CRI:	Ra>80
UGR:	<10
Operating temperature:	-20 ~ +45

Photometrics:  
Lumen intensity distribution



Prismatic difusor

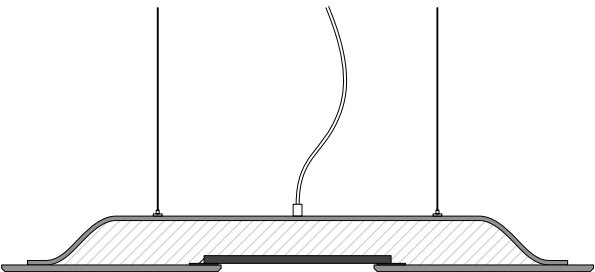
LED power:	30W
Connection voltage:	220-240V AC
Luminous Flux:	3846lm
Life time:	L90/B10 100.000h
Driver:	Included   Integrated
Control   Dimmable:	Trailing Edge   DALI / Push
Power factor:	122lm/W
Optics:	Prismatic difusor
CCT Color temperature:	3000K 4000K
CRI:	Ra>80
UGR:	<19
Operating temperature: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



Acoustic specifications:

The acoustic design principle.

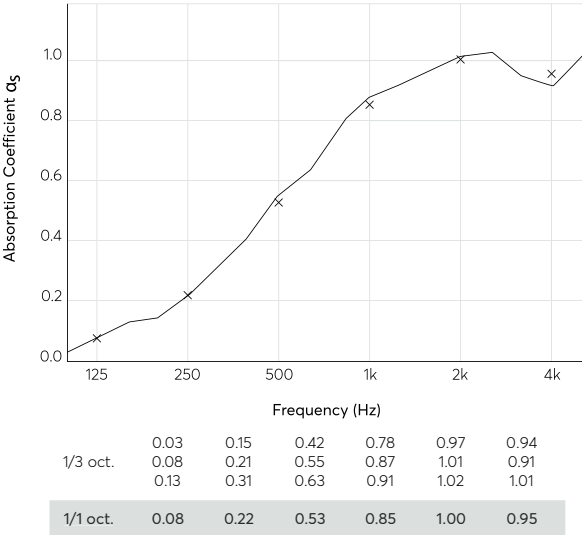
Measurement of sound absorption in a reverberation room  
According to ISO 354:2003



- Acoustic PET Felt
- Air
- LED Element

$\alpha_w$  (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

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

Acoustic properties:

- High absorption  
value of  $\alpha_w$  0,9
- Diffusion

**Dimensions:**

**Total weight gross | net:** 2,4 | 1,6 | 4,9 | 4,1kg  
**Parcel size:** 800x800x100mm  
1200x1200x100mm

**Mounting:** 3x

**Pattern options:**  
 None Circles

Float Oval acoustic



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

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

Acoustic properties:

- High absorption  
value of  $\alpha_w$  0,9
- Diffusion

**Dimensions:**  
  
"/>

**Total weight gross | net:** 2,4 | 1,6 | 4,9 | 4,1kg  
**Parcel size:** 1200x600x100mm  
2000x800x100mm

**Mounting:** 4x

**Pattern options:**  
 None Circles

Float Rectangle acoustic



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

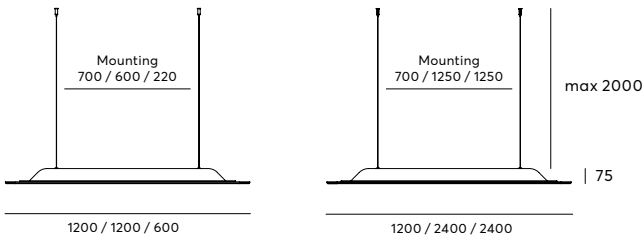
**Fixture:**  
3 black metal wires with adjustable griplock  
Charcoal PET Felt hood (standard)

Acoustic properties:

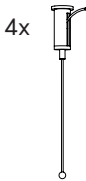
- High absorption value of aw 0,9
- Diffusion

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

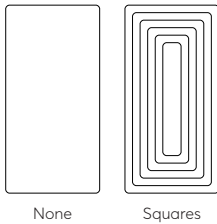
Dimensions:



Mounting:



Pattern options:

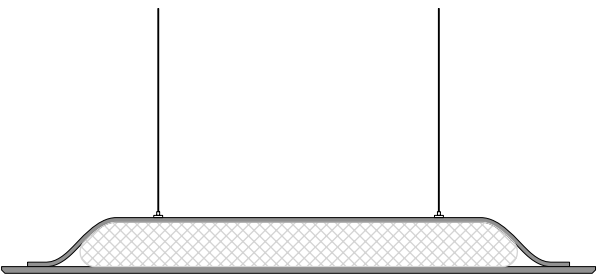


Colors:

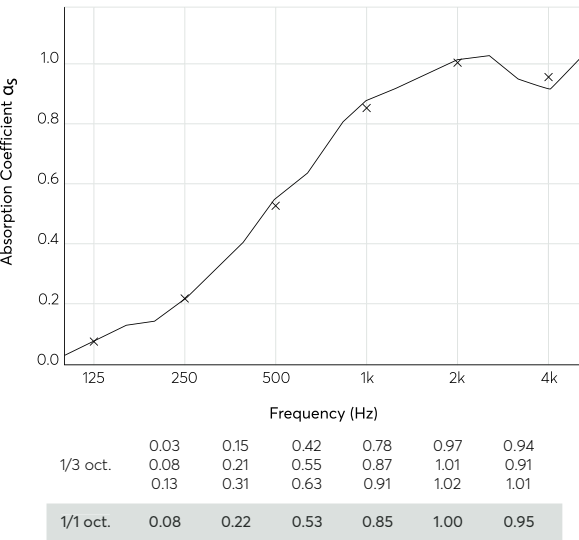


Acoustic specifications:

The acoustic design principle.



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 in addition 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.

aw (ISO 11654) = 0,90

SAA (ASTM - C423) = 0,86



Float uplight **add-on**



Glueless assembly

Lighting properties:



Integrated LED  
17W | 1870lm



Dimmable  
Trailing edge (RC) | DALI



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



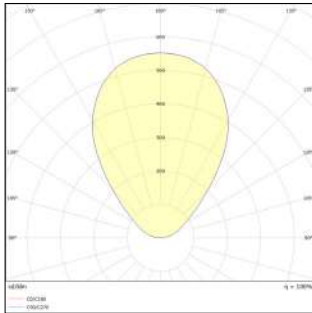
IP20

Light source specifications:



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 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 | 1160lm



Dimmable  
Trailing edge (RC) | DALI



3000K | 4000K



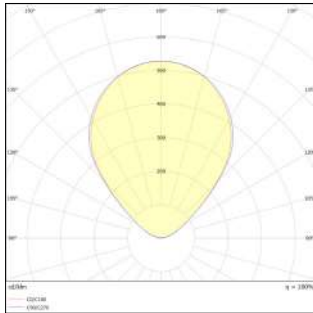
IP20

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



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.

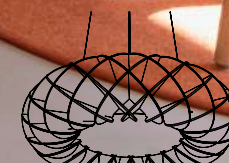
The integrated LED panel, with high light intensity, shines from above into the Halo. A blender at the bottom softens this light, providing a wide down-light spread. Meanwhile, some light remains between the LED panel and the diffuser, allowing Halo to also offer pleasing indirect light through its waffle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



Halo light 700



Halo light 1000



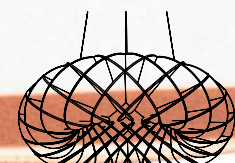
Halo light 1400



Halo acoustic 700



Halo acoustic 1000



Halo acoustic 1400



# Halo light 700



**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

Lighting properties:

Integrated LED  
17W | 1850lm

Dimmable  
Trailing edge (RC) | DALI

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

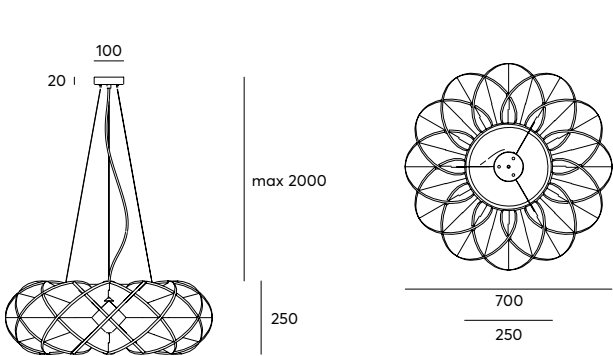
IP20

Acoustic properties:

1,64 m² of acoustic absorption  
material of  $\alpha_w$  0,45

Diffusion by design

Dimensions:



**Total weight gross | net:** 4,8kg | 3,3kg  
**Parcel size:** 800x800x400mm

Mounting:



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

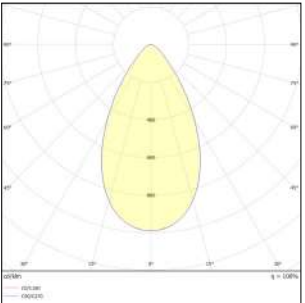
Light source specifications:

Based on calculations of 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 enviroment. 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

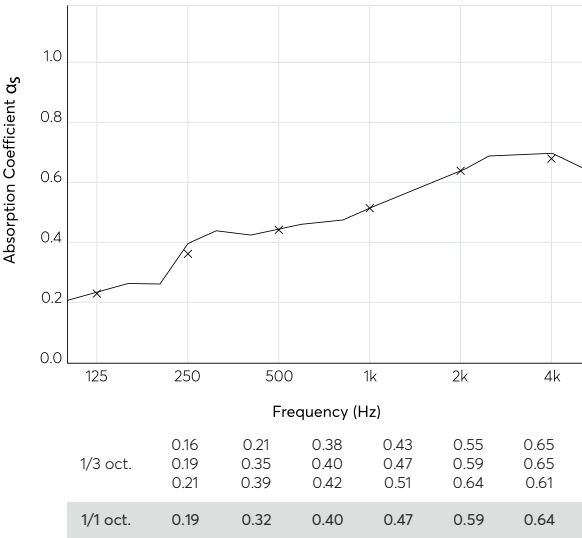
**Calculated acoustic surface area:** 1,64 m²

**$\alpha_w$  (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

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

Lighting properties:

Integrated LED  
36W | 3560lm

Dimmable  
Trailing edge (RC) | DALI

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

IP20

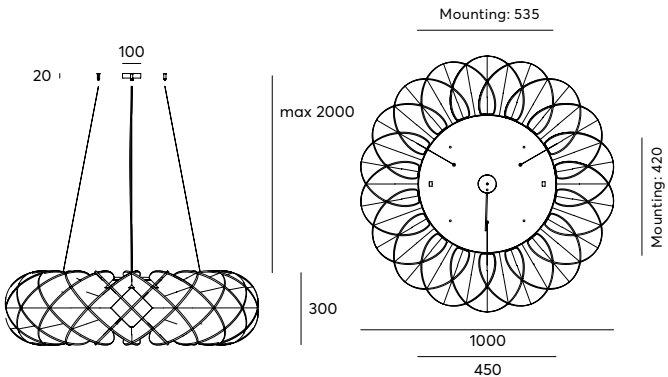
Acoustic properties:

3,3 m² of acoustic absorption  
material of  $\alpha_w$  0,45

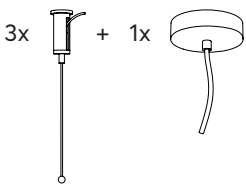
Diffusion by design

**Dimensions:**

**Total weight gross | net:** 11kg | 9,5kg  
**Parcel size:** 1000x1000x400mm



Mounting:



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

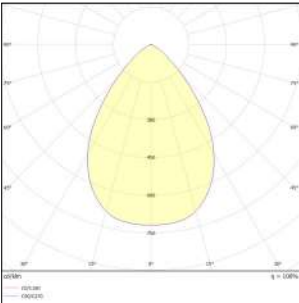
Light source specifications:

Based on calculations of 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 enviroment. 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

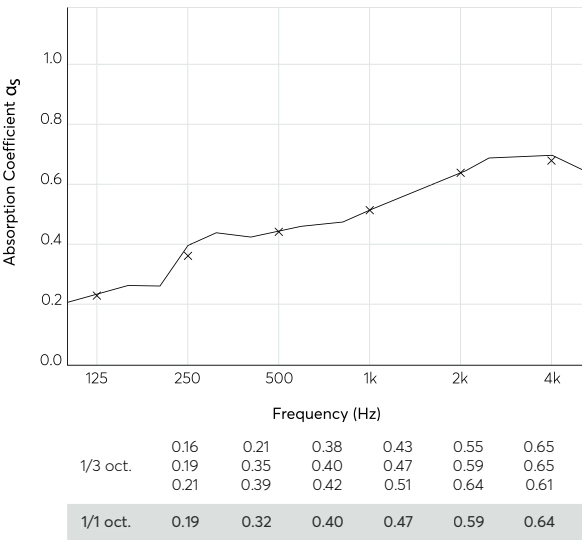
Calculated acoustic surface area: 3,3 m²

$\alpha_w$  (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

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

Lighting properties:

Integrated LED  
64W | 6870lm

Dimmable  
DALI

CCT    2700K | 3000K | 4000K

IP20

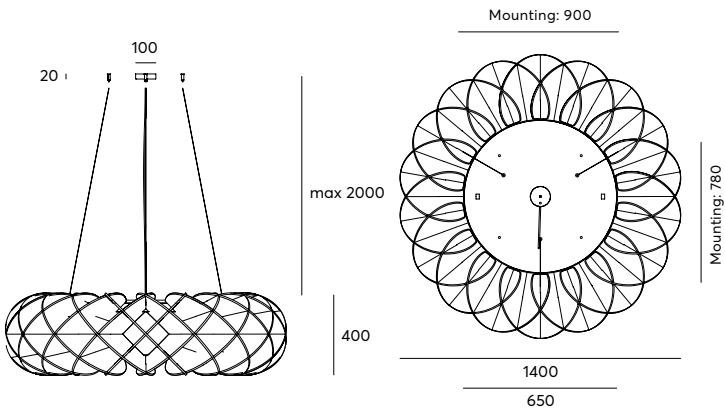
Acoustic properties:

6,28 m² of acoustic absorption  
material of  $\alpha_w$  0,45

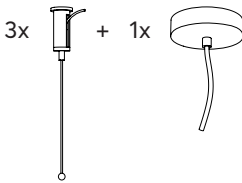
Diffusion by design

**Dimensions:**

**Total weight gross | net:** 22,8kg | 19,6kg  
**Parcel size:** 1400x1400x400mm



Mounting:



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

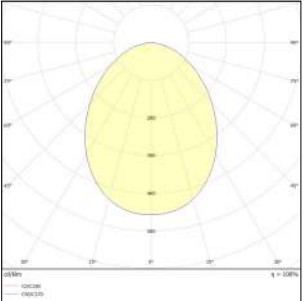
Light source specifications:

Based on calculations of 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 69lm/W
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.

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

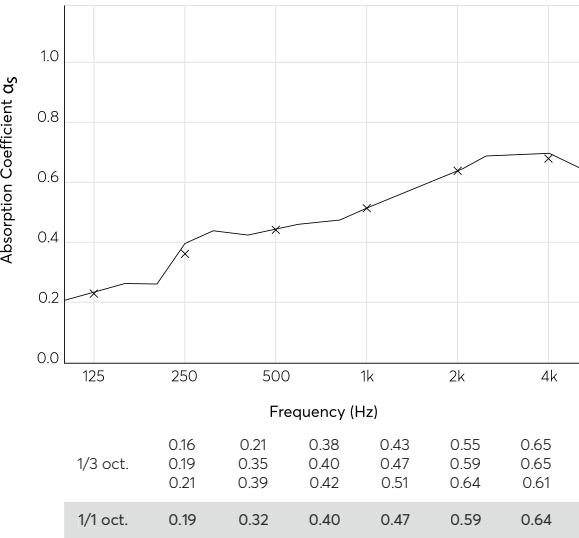
The LED element and acrylic diffuser, will reflect the sound

Calculated acoustic surface area: 6,28 m²

$\alpha_w$  (ISO 11654) = 0,45

SAA (ASTM - C423) = 0,45

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







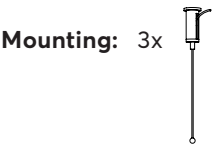
**Material:**  
PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

**Fixture:**  
3 black metal wires with adjustable griplock

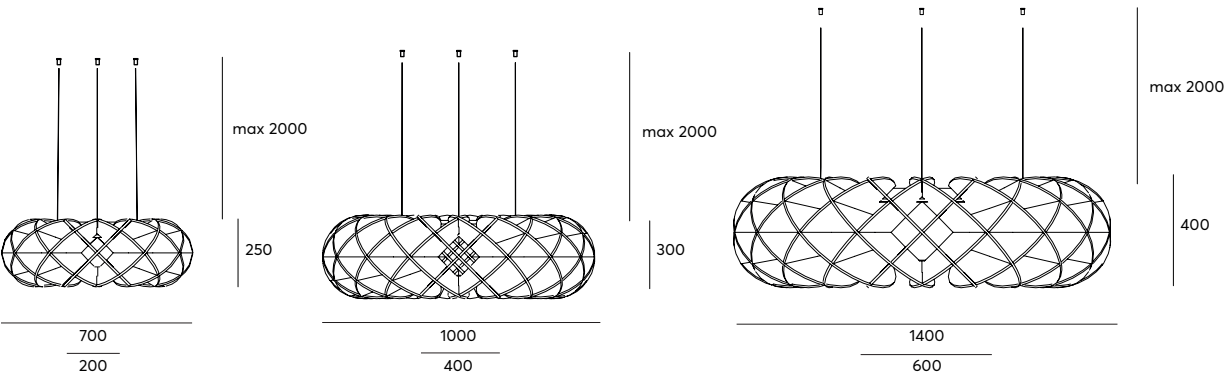
Acoustic properties:

- High acoustic absorption value of  $\alpha_w$  0,45
- Diffusion by design

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



Dimensions:



Colors:



Acoustic specifications:

The acoustic design principle.

Halo is made to catch sound from the enviroment. 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>

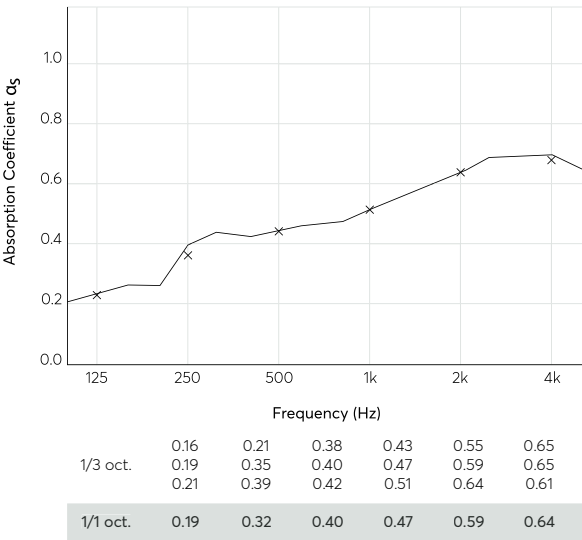
**Halo 1000 Calculated acoustic surface area:** 3,3 m<sup>2</sup>

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

**$\alpha_w$  (ISO 11654) = 0,45**

SAA (ASTM - C423) = 0,45

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





# Line



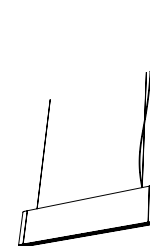
## Minimal form, maximum function

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.

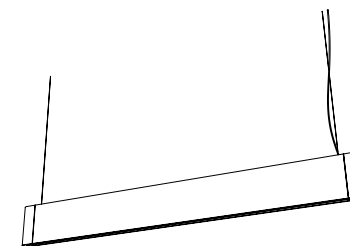
Crafted from acoustic PET Felt, Line comes in various lengths and heights, making it easy to tailor to different spaces. Used individually, it

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.

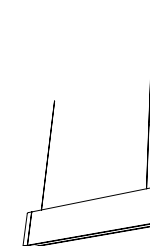
This allows Line to make a true acoustic design statement on the ceiling combining baffles and fixtures in various colors, lengths, and heights. All without compromising on light output or acoustic performance.



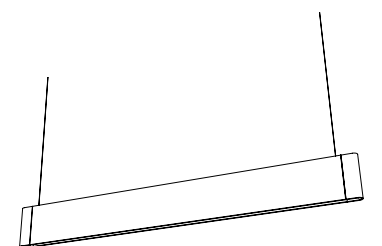
Line light 1290



Line light 2520



Line acoustic 1290



Line acoustic 2520




Line light 1290




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

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


**Lighting properties:**




Integrated LED  
17W | 2070lm



Dimmable  
On-Off | Trailing edge (RC) | DALI




CCT 3000K | 4000K




IP20

**Acoustic properties:**

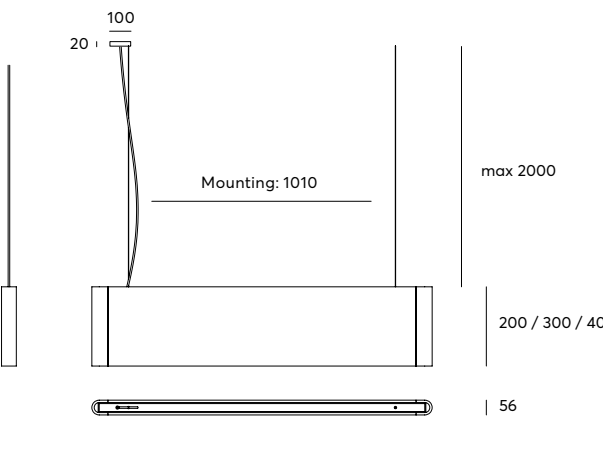


High absorption  
value of  $\alpha_w$  1.0



Diffusion

**Dimensions:**



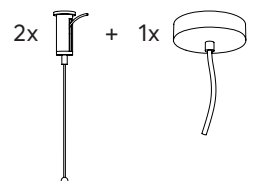
max 2000

200 / 300 / 400

1290

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

**Mounting:**




**Colors:**



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

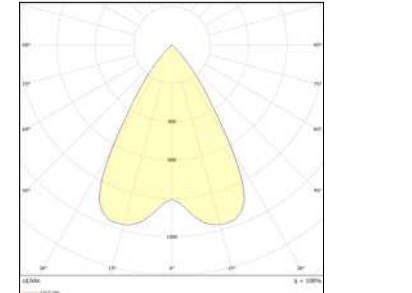
17\_Forest 40\_Faded Jade 06\_Olive 39\_Warm Grey 04\_Bisque 35\_Ochre 45\_Chilli 09\_Lavender 31\_Rosé

**Light source specifications:**  
**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

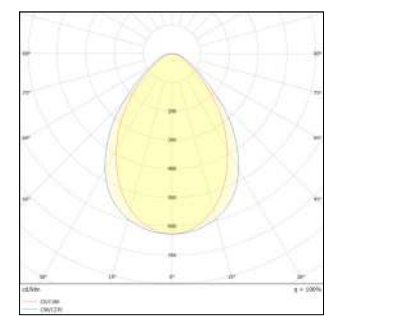
**Photometrics:**  
Lumen intensity distribution




**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:**



Acoustic PET Felt  
Air  
LED Element

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



	125	250	500	1k	2k	4k
1/3 oct.	0.16 0.22 0.41	0.56 0.73 0.89	0.95 1.02 1.01	1.01 1.00 1.00	1.00 0.99 0.98	0.98 0.99 0.96
1/1 oct.	0.26	0.73	0.99	1.00	0.99	0.98

**$\alpha_w$  (ISO 11654) = 1,00**

SAA (ASTM - C423) = 0,93


Line light 2520





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


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

**Lighting properties:**


 Integrated LED  
34W | 4140lm


 Dimmable  
On-Off | Trailing edge (RC) | DALI

 CCT  
3000K | 4000K

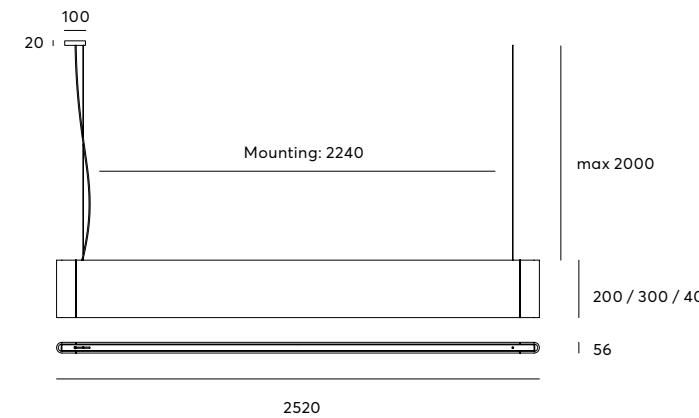
 IP20

**Acoustic properties:**

 High absorption  
value of  $\alpha_w$  1.0

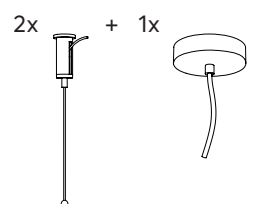
 Diffusion

**Dimensions:**



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


**Mounting:**



**Colors:**

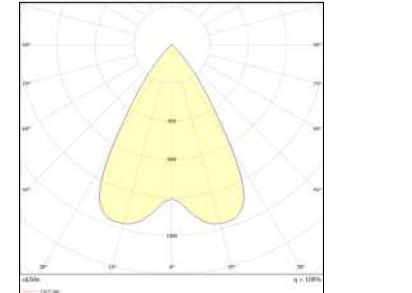


**Light source specifications:**  
**Cubic reflector** (standard / recommended)




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

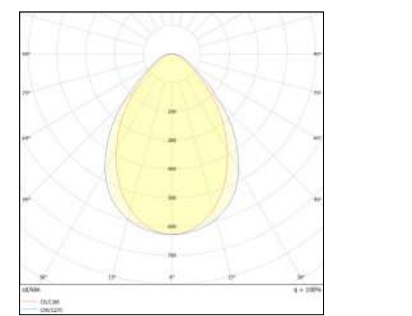
**Photometrics:**  
Lumen intensity distribution



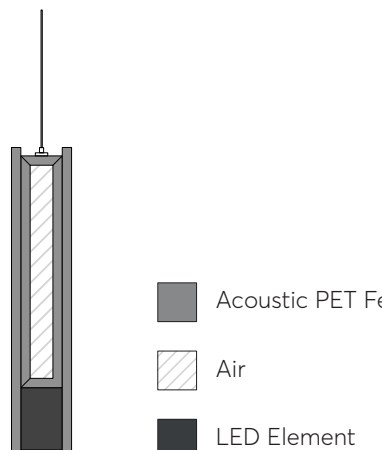
**Prismatic difusor**



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:**

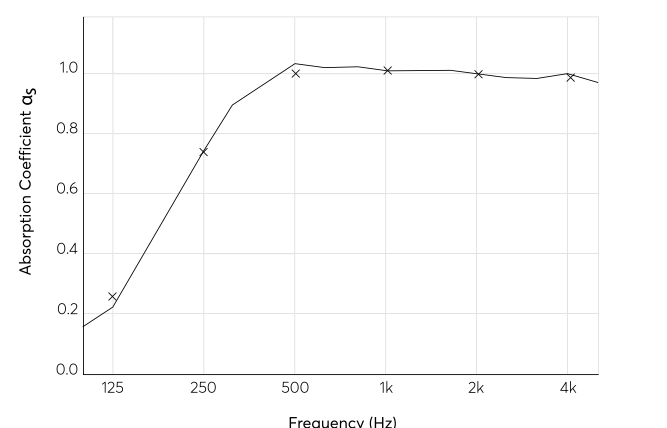


Acoustic PET Felt  
Air  
LED Element

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



	0.16	0.56	0.95	1.01	1.00	0.98
1/3 oct.	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

**$\alpha_w$  (ISO 11654) = 1,00**  
SAA (ASTM - C423) = 0,93





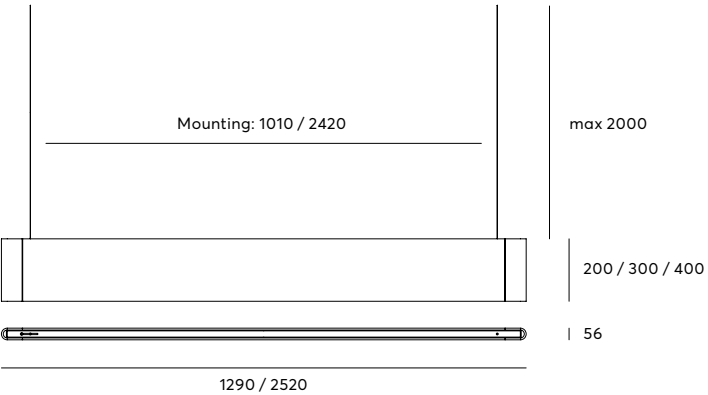
**Material:**  
PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

**Fixture:**  
2 black metal wires with adjustable griplock  
Black PET Felt interior (standard)

Acoustic properties:

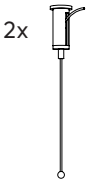
- High absorption  
value of  $\alpha_w$  1.0
- Diffusion

Dimensions:



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

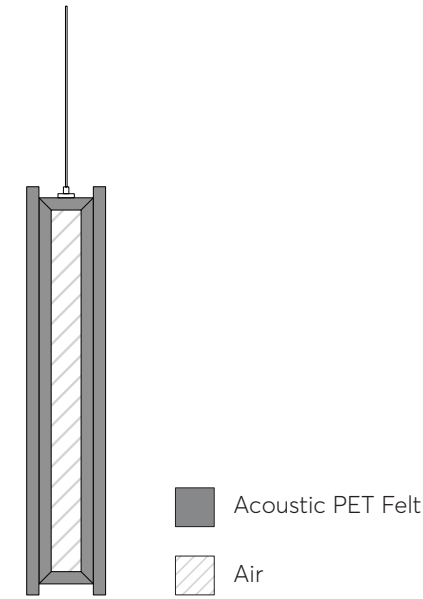
Mounting:



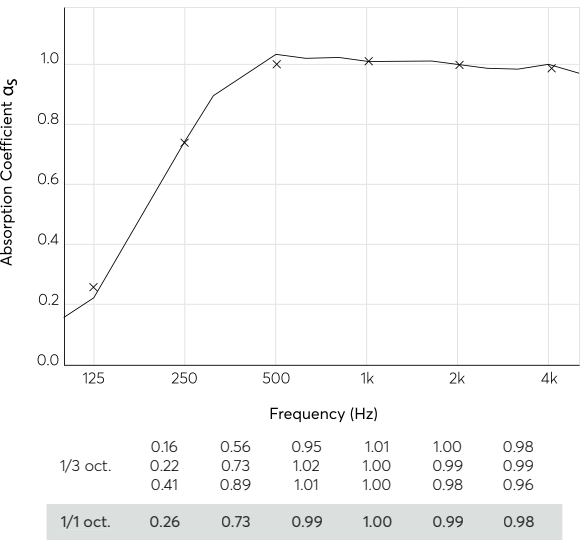
Colors:



Acoustic specifications:



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



**$\alpha_w$  (ISO 11654) = 1,00**  
SAA (ASTM - C423) = 0,93

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.

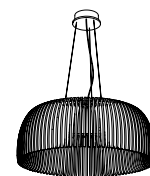


# Breeze

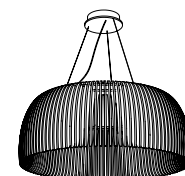
Breeze brings together functionality, acoustics, and aesthetics in a single, elegant design. Inspired by natural, rounded forms, the spherical shade houses a high-quality LED panel that emits soft, diffused light through its slats creating a warm and inviting atmosphere.

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

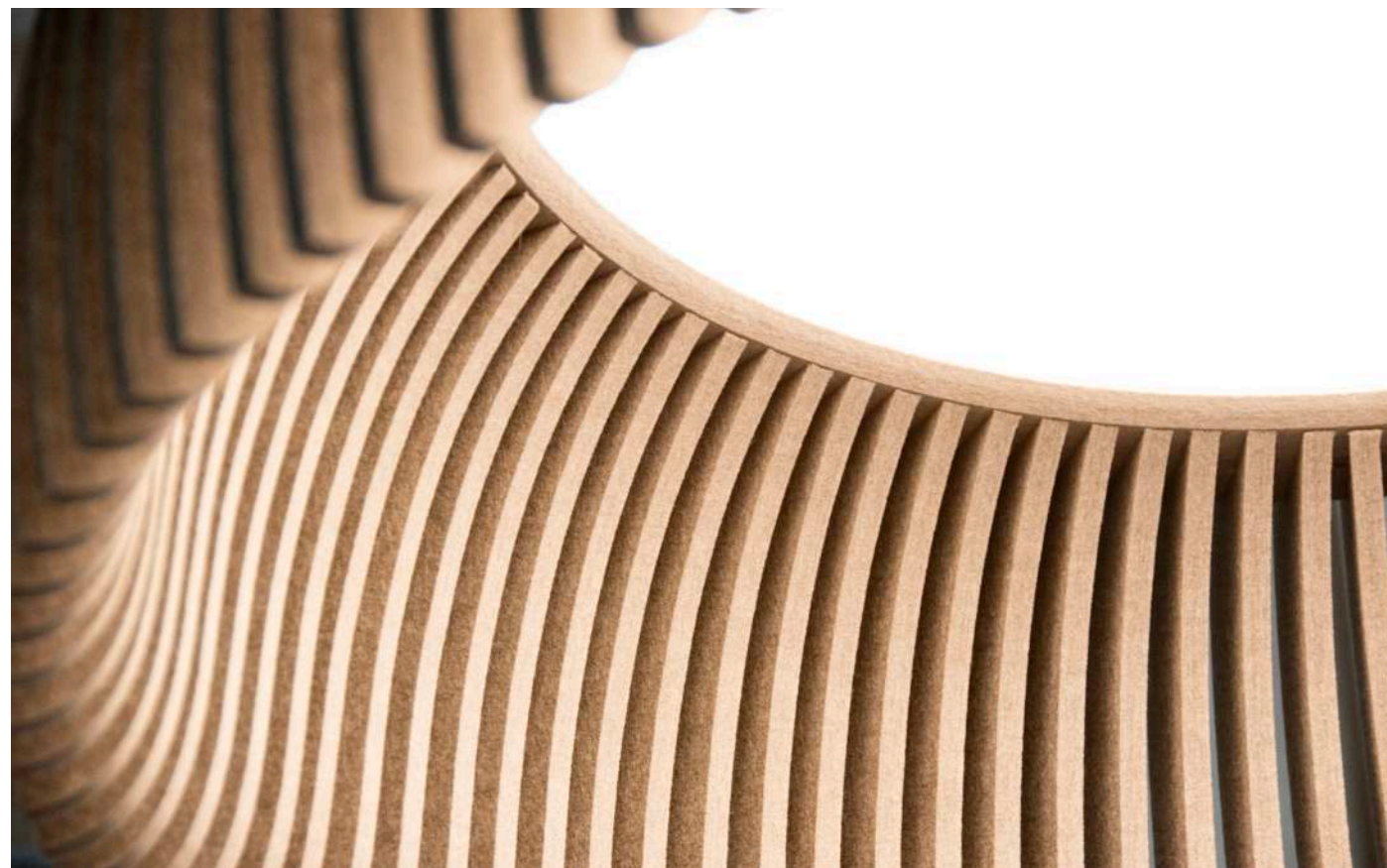
Available in two sizes and a variety of PET Felt colors, Breeze offers both design flexibility and technical performance. The LED panel delivers consistent, even illumination, with multiple options in color temperature and dimming to match different environments and moods.



Breeze 800



Breeze 1000





# Breeze 800



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

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

**Lighting properties:**

Integrated LED  
40W | 4202lm

Dimmable  
Trailing edge (RC) | DALI

CCT  
3000K | 4000K

IP20

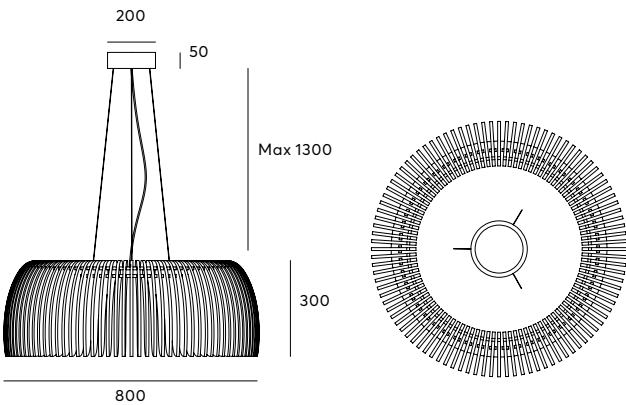
**Acoustic properties:**

1,75 m² of acoustic absorption  
material of aw 0,45

Diffusion due to the 'lamella' design

**Dimensions:**

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



\* Products for export will be shipped Flat packed. Needs to be assembled by customer on location.  
Within The Netherlands, shipped by Luminaire'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:	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 diffuser   90°
CCT Color temperature:	3000K 4000K
CRI:	Ra >90
UGR:	<19
Operating temperature:	-20 ~ +45

**Photometrics:**  
Lumen intensity distribution

**Acoustic specifications:**

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

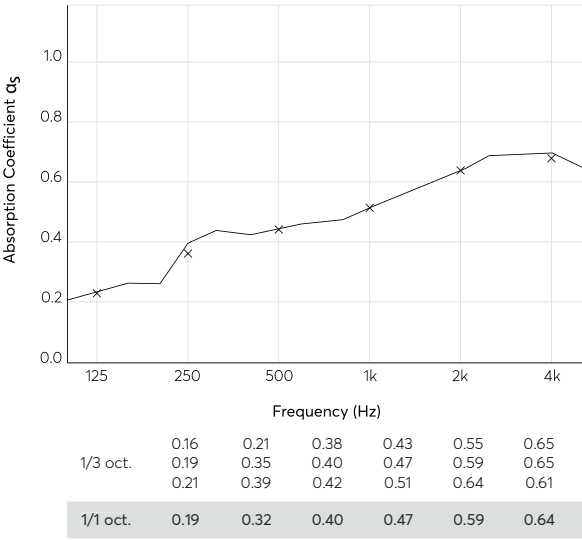
The acoustic design principle.

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: 1,75 m²

aw (ISO 11654) = 0,45  
SAA (ASTM - C 423) = 0,45



# Breeze 1000



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

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

Lighting properties:

Integrated LED  
62W | 5883lm

Dimmable  
DALI

CCT    3000K | 4000K

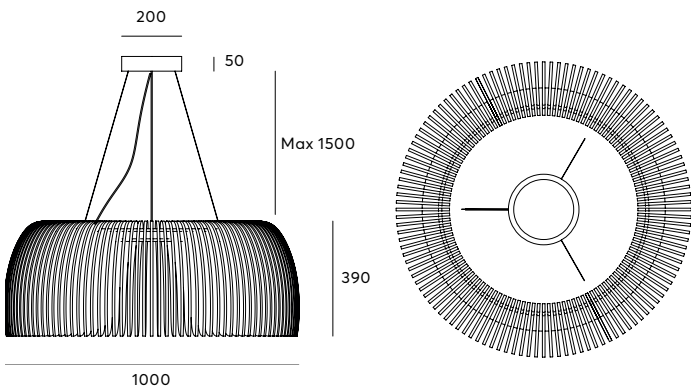
IP20

Acoustic properties:

3,45 m² of acoustic absorption  
material of aw 0,45

Diffusion due to the 'lamella' design

Dimensions:



**Total weight gross | net:**            14,6 | 12,8kg

**Parcel size *Flat pack product\****    930x880x170mm

Mounting:



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

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

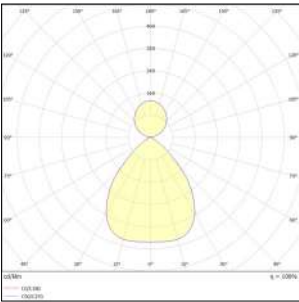
Light source specifications:

Based on calculations of 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.

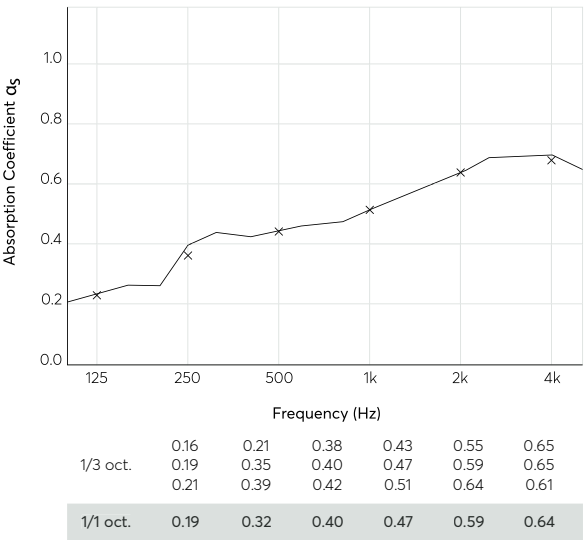
Breeze is designed to capture sound directly at its source — in spaces like meeting rooms or over meeting tables. Its structure, featuring acoustic lamellae, effectively absorbs and diffuses sound waves for improved acoustic comfort.

The LED element, will reflect the soundwaves

Calculated acoustic surface area: 3,45 m²

**aw (ISO 11654) = 0,45**  
SAA (ASTM - C 423) = 0,45

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

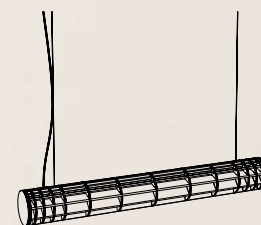




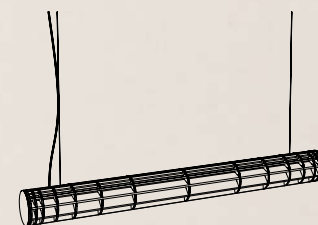
# Column

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.

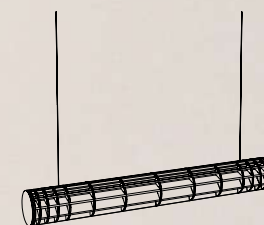
Equipped with a high-quality integrated LED tube light, Column delivers excellent light performance. Its bold form and functional design make it a true statement piece in any space.



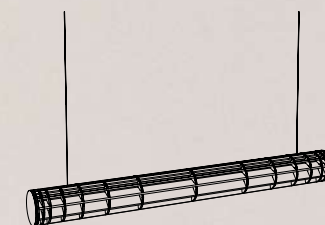
Column light 1600



Column light 2000



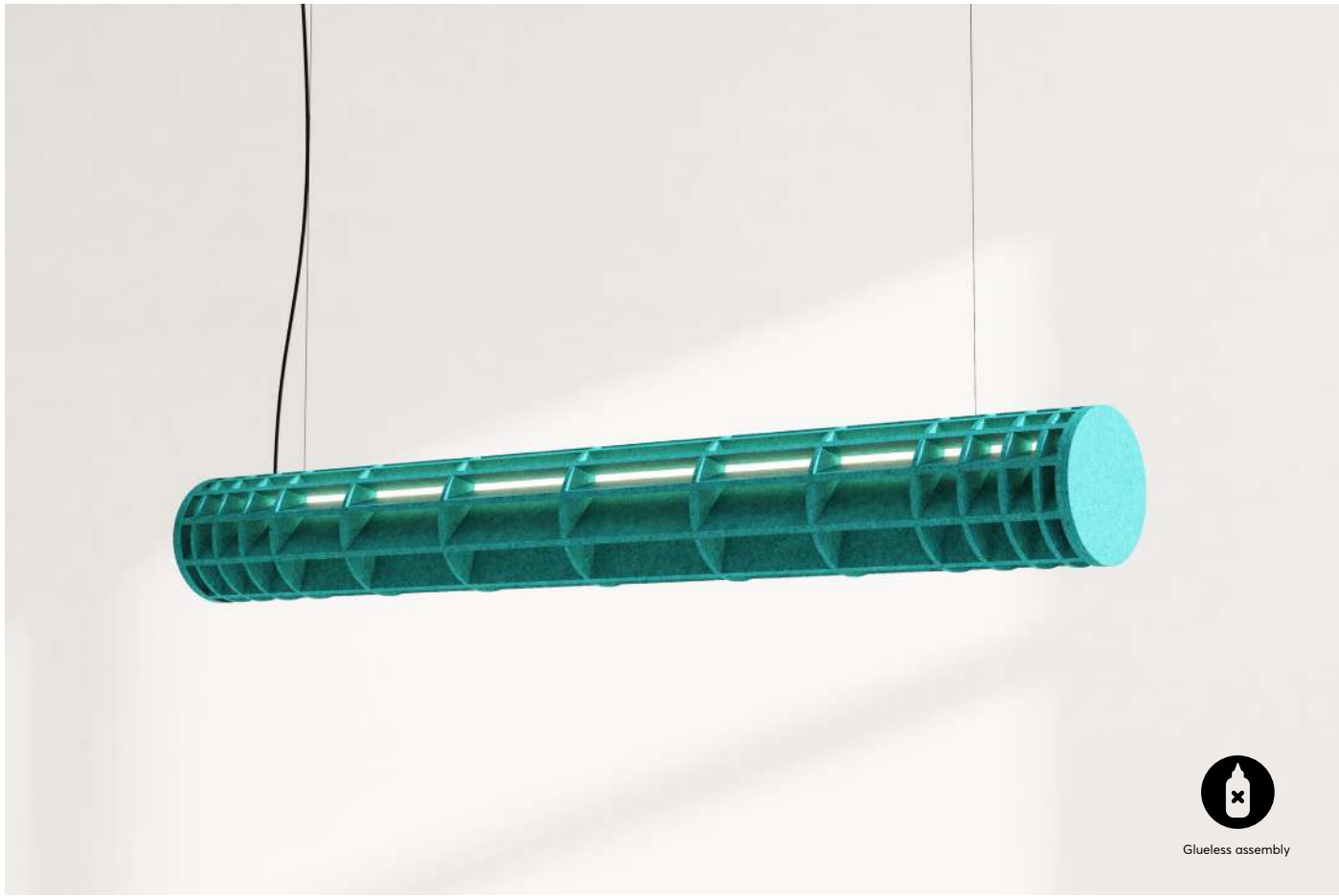
Column acoustic 1600



Column acoustic 2000



# Column light 1600



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

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

**Lighting properties:**

Integrated LED  
24W | 520lm

Dimmable  
Trailing edge (RC) | DALI

CCT  
2700 | 3000K | 4000K

IP20

**Acoustic properties:**

1,57 m² of acoustic absorption  
material of aw 0,45

Diffusion due to the 'radial' design

**Dimensions:**

**Total weight gross | net:** 3,3kg | 2,5kg  
**Parcel size:** 1700x200x200mm

**Mounting:**

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 Column 1600 in colour 26\_Ocean | 3000K | Trailing edge

**Photometrics:**  
Lumen intensity distribution

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

Acoustic specifications:

The acoustic design principle.

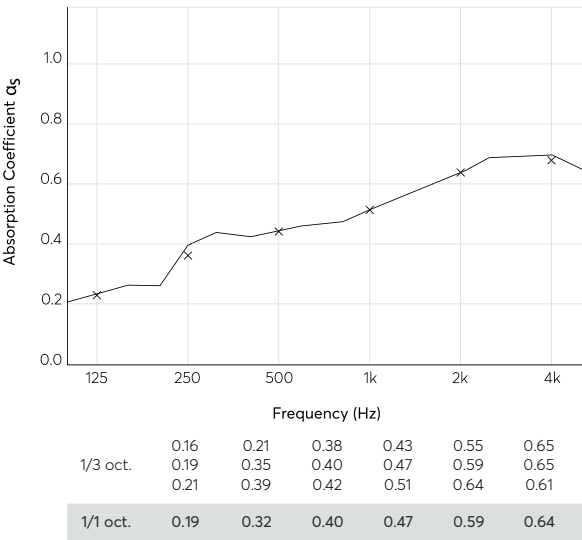
Column is designed for use in large open spaces with high ceilings or as a clustered installation above tables. Its radial shape allows sound waves to be effectively captured and absorbed by its open structure.

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 m²

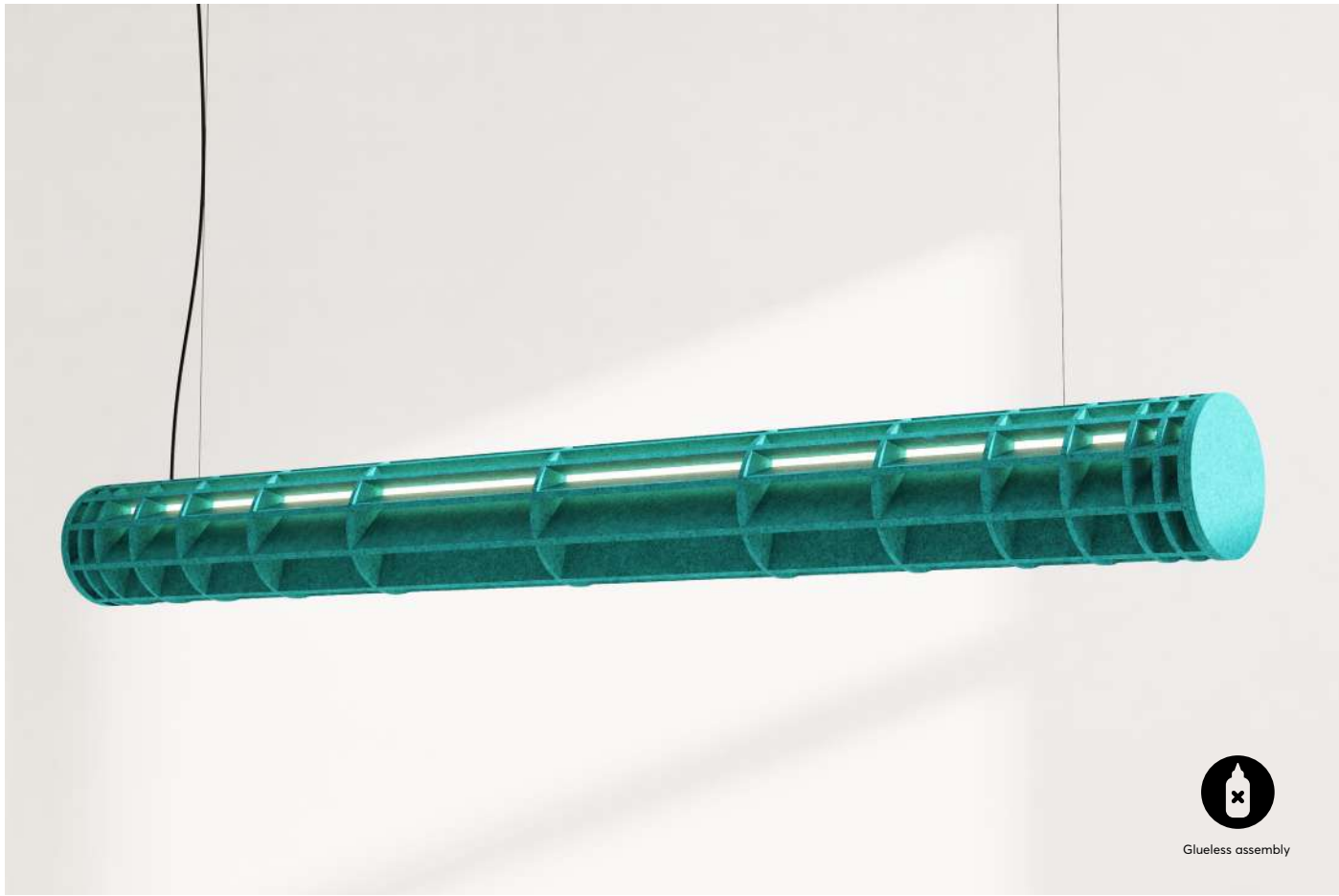
aw (ISO 11654) = 0,45  
SAA (ASTM - C423) = 0,45

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





# Column light 2000



**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:

Integrated LED  
32W | 620lm

Dimmable  
Trailing edge (RC) | DALI

CCT    2700 | 3000K | 4000K

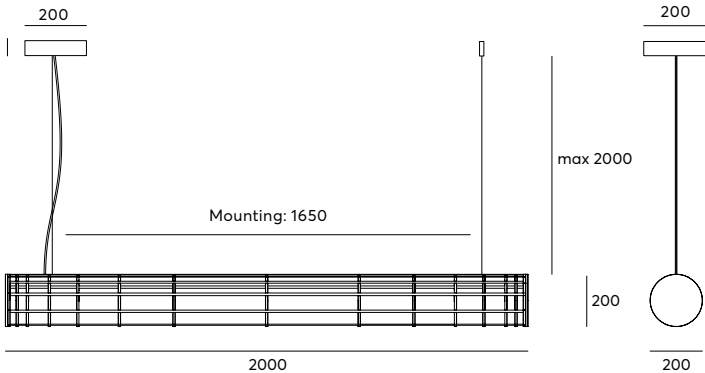
IP20

Acoustic properties:

1,86 m² of acoustic absorption  
material of aw 0,45

Diffusion due to the 'radial' design

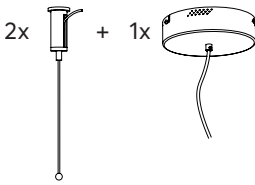
Dimensions:



**Total weight gross | net:**  
4,6kg | 3,8kg

**Parcel size:**  
2100x200x200mm

Mounting:



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

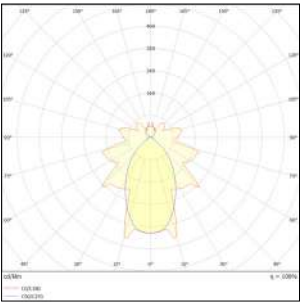
Light source specifications:

Based on calculations of 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.

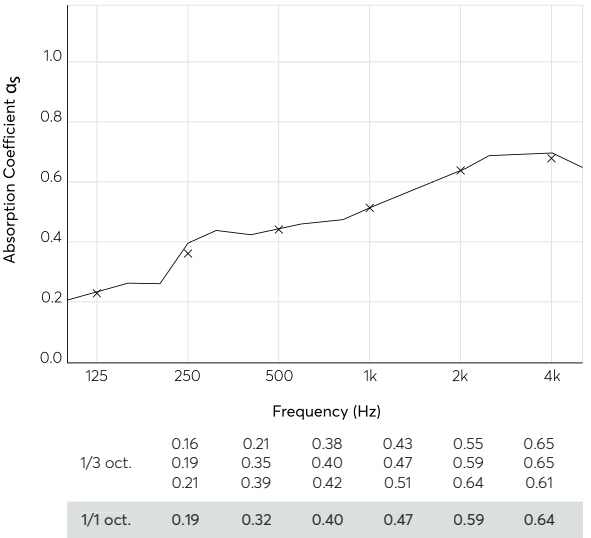
Column is designed for use in large open spaces with high ceilings or as a clustered installation above tables. Its radial shape allows sound waves to be effectively captured and absorbed by its open structure.

For optimal acoustic performance and visual impact, we recommend clustering multiple Columns. This not only creates a striking installation but also increases the over-all 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



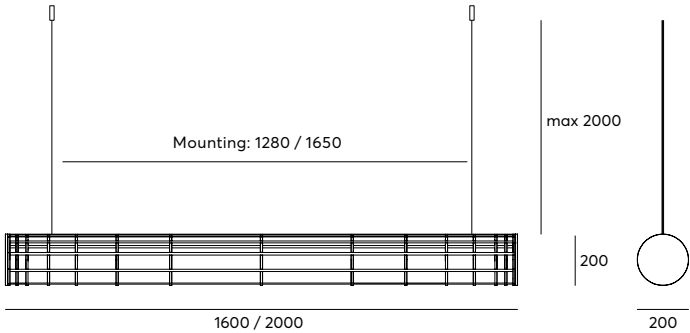
**Material:**  
PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

**Fixture:**  
2 black metal wires with adjustable griplock

Acoustic properties:

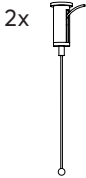
- High acoustic absorption value of  $\alpha_w$  0,45
- Diffusion due to the 'radial' design

Dimensions:



**Total weight gross | net:** 2,6|1,8kg / 3,2|2,5kg  
**Parcel size:** 1700x200x200mm  
2100x200x200mm

Mounting:



Colors:



Acoustic specifications:

The acoustic design principle.

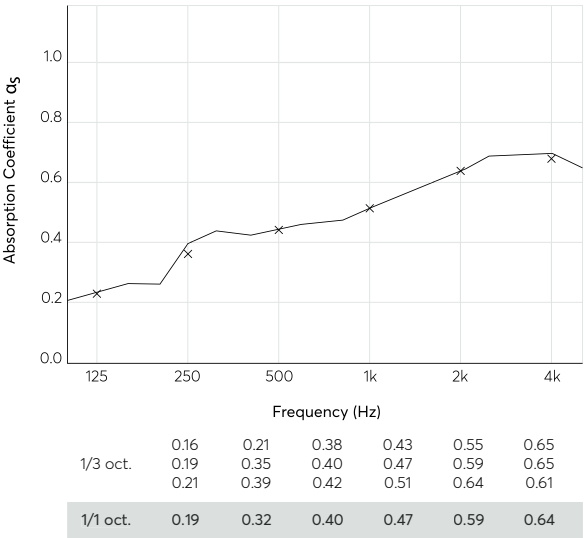
Column is designed for use in large open spaces with high ceilings or as a clustered installation above tables. Its radial shape allows sound waves to be effectively captured and absorbed by its open structure.

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>

$\alpha_w$  (ISO 11654) = 0,45  
SAA (ASTM - C423) = 0,45

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

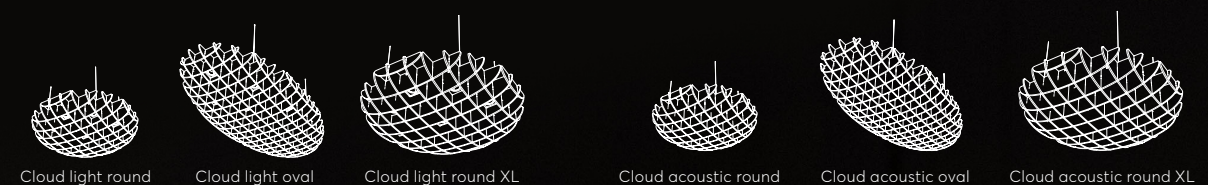




# Cloud

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



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

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

Lighting properties:

Integrated LED  
9x 6W | 9x 400lm

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

CCT    2700K | 3000K | 4000K

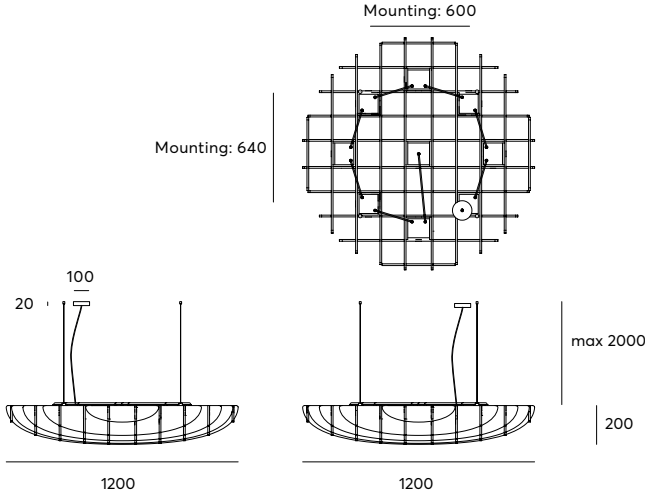
IP20

Acoustic properties:

2,54 m² of acoustic absorption  
material of aw 0,45

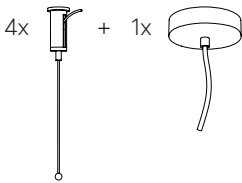
Diffusion due to the 'cubical' design

Dimensions:



**Total weight gross | net:** 7,8kg | 6,4kg  
**Parcel size Flat pack product\*** 1340x480x230mm

Mounting:



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

Colors:

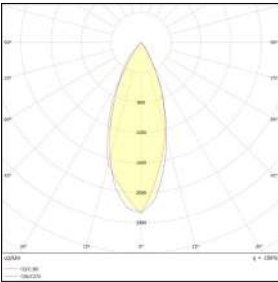


Light source specifications:

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.

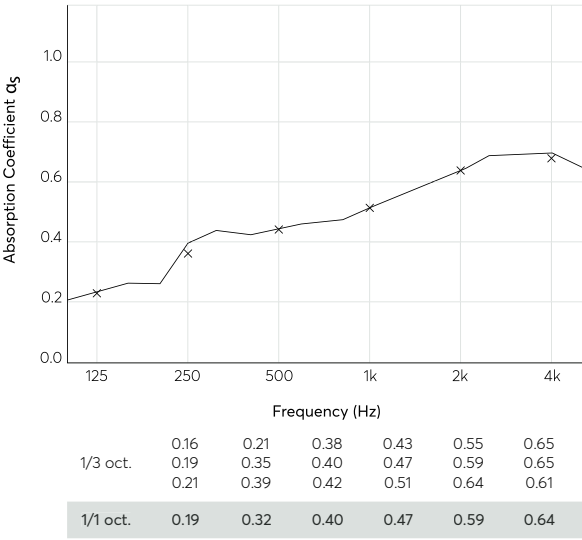
Cloud Light is designed to effectively capture sounds. Cloud features an open, layered structure that allows sound waves to enter and be absorbed from multiple directions.

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 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





# Cloud light oval



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

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

**Lighting properties:**

Integrated LED  
10x 6W | 10x 400lm

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

CCT 2700K | 3000K | 4000K

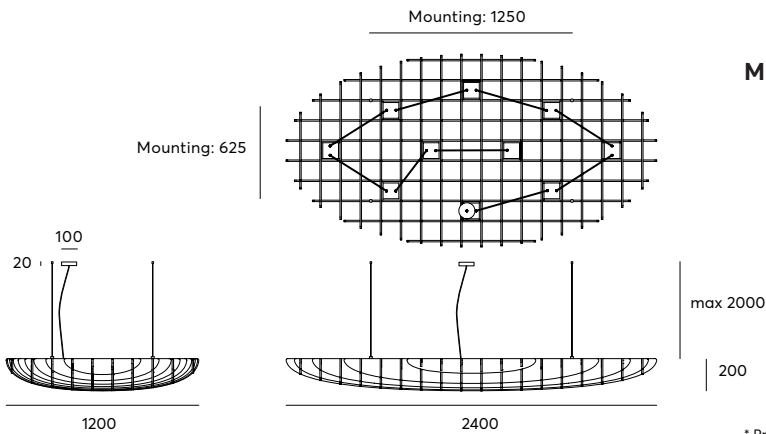
IP20

**Acoustic properties:**

4,94 m² of acoustic absorption  
material of aw 0,45

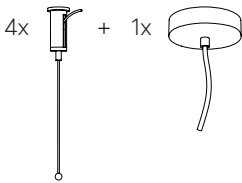
Diffusion due to the 'cubical' design

**Dimensions:**



**Total weight gross | net:** 11,4kg | 9,9kg  
**Parcel size Flat pack product\*** 1340x580x230mm

**Mounting:**



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

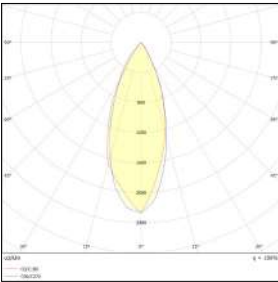
**Colors:**



**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

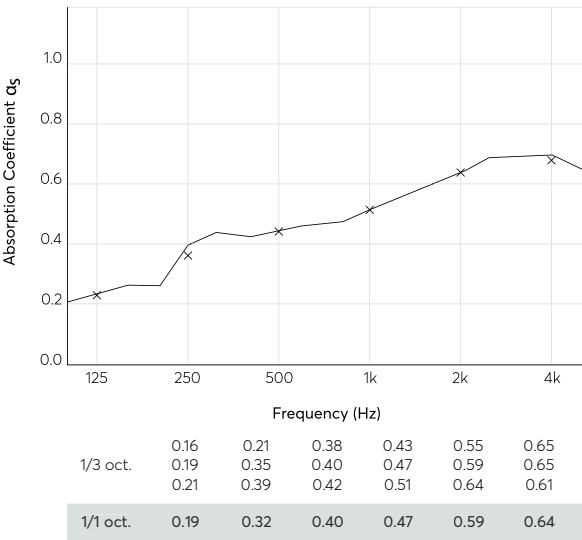
Cloud Light is designed to effectively capture sounds. Cloud features an open, layered structure that allows sound waves to enter and be absorbed from multiple directions.

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 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



# Cloud light round XL



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

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

Lighting properties:

Integrated LED  
9x 9W | 9x 500lm

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

CCT    2700K | 3000K | 4000K

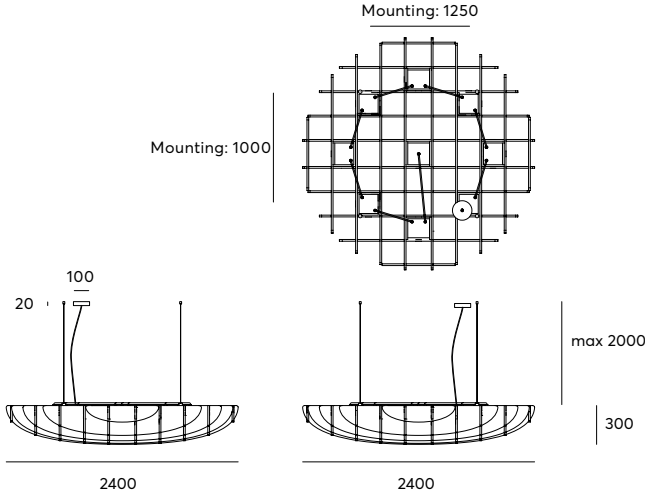
IP20

Acoustic properties:

10,85 m² of acoustic absorption  
material of  $\alpha_w$  0,45

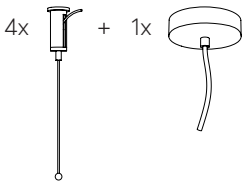
Diffusion due to the 'cubical' design

Dimensions:



**Total weight gross | net:** 22,2kg | 20,8kg  
**Parcel size 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 Luminaire's own transport logistics and with additional charge;  
On request, The product can be delivered assembled.

Colors:

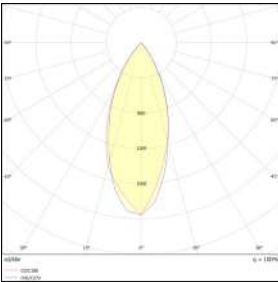
13_Black	03_Charcoal	36_Dim Grey	11_Fog Grey	07_Ghost White	19_Midnight	26_Ocean	30_Cool Grey	41_Mint Pastel
17_Forest	40_Faded Jade	06_Olive	39_Warm Grey	04_Bisque	35_Ochre	45_Chilli	09_Lavender	31_Rosé

Light source specifications:

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 60lm/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.

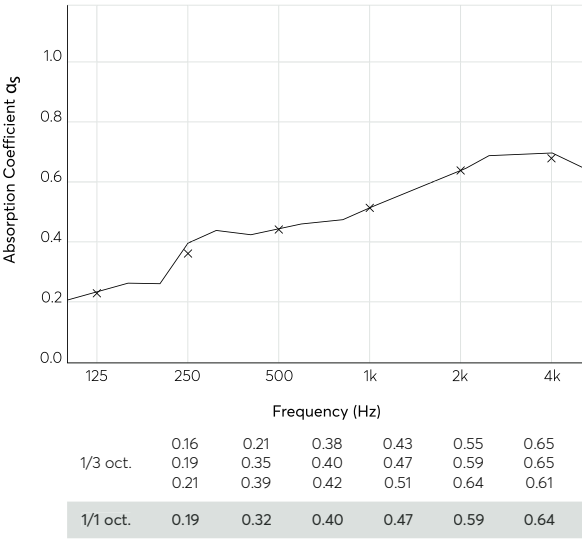
**Calculated acoustic surface area:** 10,85 m²

**$\alpha_w$  (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



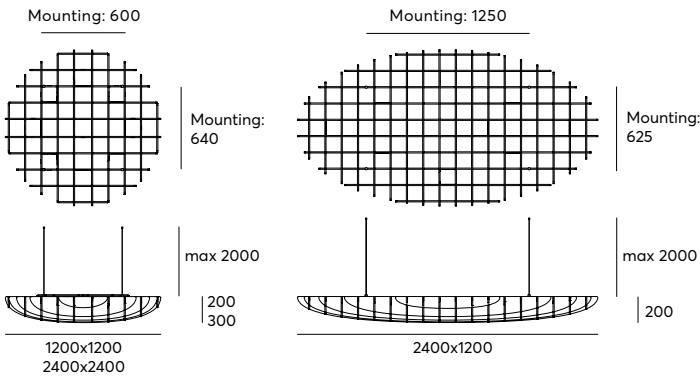
**Material:**  
PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

**Fixture:**  
4 black metal wires with adjustable griplock

Acoustic properties:

- High acoustic absorption value of  $\alpha_w$  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 <b>Flat pack product*</b>	1340x480x230mm
Cloud oval <b>Flat pack product*</b>	1340x580x230mm
Cloud round XL <b>Flat pack product*</b>	1340x850x350mm



\* 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.

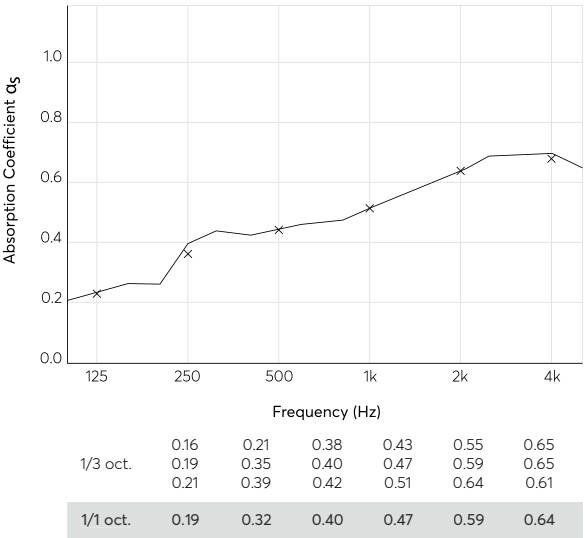
This design significantly reduces background noise and reverberation, helping to create a calmer, more focused atmosphere in any space.

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

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

$\alpha_w$  (ISO 11654) = 0,45  
SAA (ASTM - C423) = 0,45

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





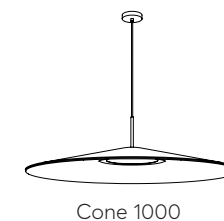


# Cone

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






# Cone 750




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

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


**Lighting properties:**




Integrated LED  
13W | 1370lm



Dimmable  
Trailing edge (RC) | DALI




CCT 2700 | 3000K | 4000K




IP20

**Acoustic properties:**

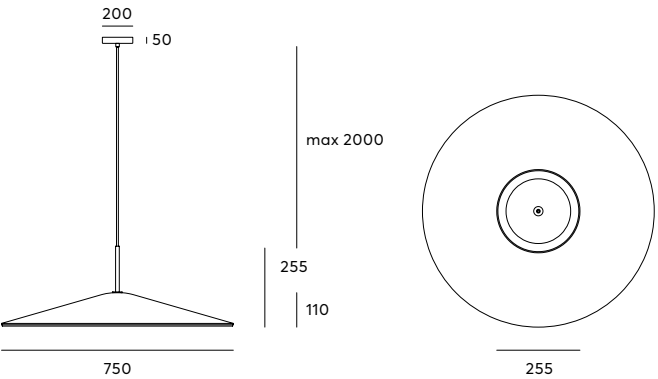


High absorption  
value



Diffusion

**Dimensions:**



**Total weight gross | net:** 4,9kg | 4,1kg  
**Parcel size:** 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:**

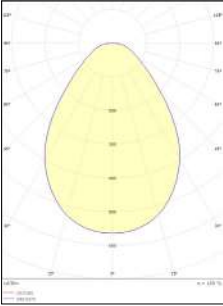
Based on calculations of 07\_Ghost White inside



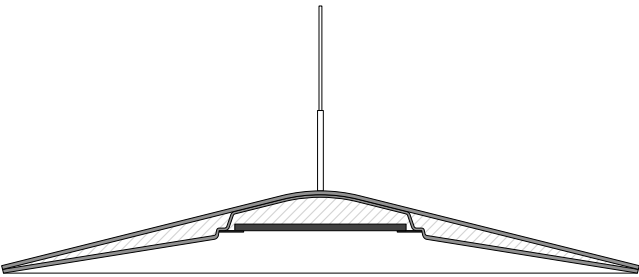
LED power:	13W
Connection voltage:	220-240V AC
Luminous Flux: 2700K/3000K/4000K	1340lm / 1370lm / 1430lm
Life time:	L80/B20 100.000h
Driver:	Included   Integrated
Control  Dimmable:	Trailing Edge   DALI
Power factor: 2700K/3000K/4000K	103lm/W 105lm/W 110lm/W
Optics:	Acrylic Opal Prism
CCT Color temperature: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

**Photometrics:**

Lumen intensity distribution



**Acoustic specifications:**

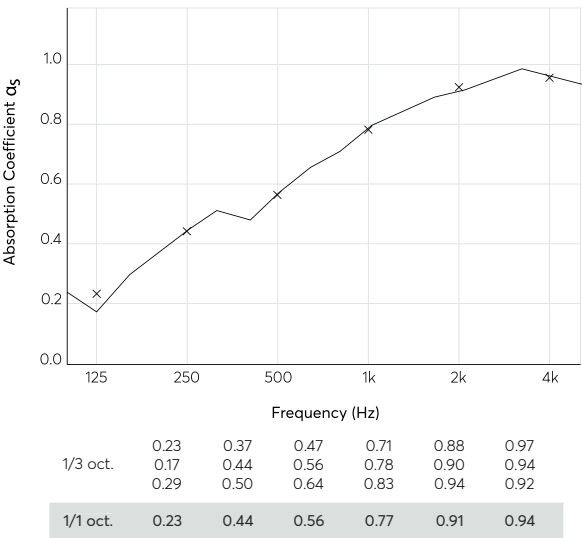


- Acoustic PET Felt
- Air
- LED Element

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

# Cone 1000



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

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

**Lighting properties:**

Integrated LED  
17W | 1870lm

Dimmable  
Trailing edge (RC) | DALI

CCT    2700 | 3000K | 4000K

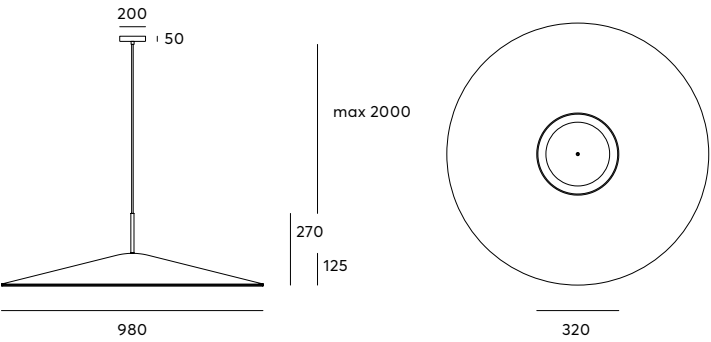
IP20

**Acoustic properties:**

High absorption  
value

Diffusion

**Dimensions:**



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

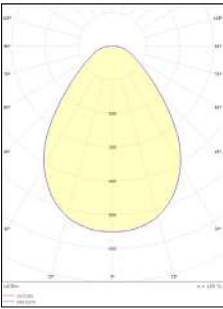
31\_Rosé

**Light source specifications:**  
Based on calculations of 07\_Ghost White inside

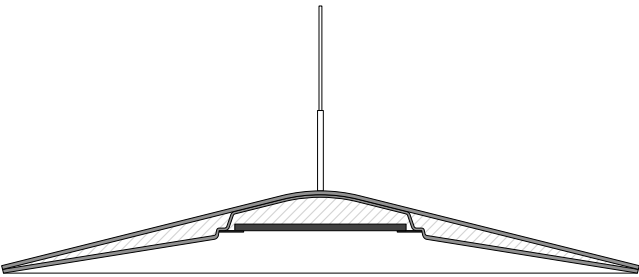


LED power:	17W
Connection voltage:	220-240V AC
Luminous Flux: 2700K/3000K/4000K	1750lm / 1870lm / 1950lm
Life time:	L80/B20 100.000h
Driver:	Included   Integrated
Control  Dimmable:	Trailing Edge   DALI
Power factor: 2700K/3000K/4000K	103lm/W 110lm/W 115lm/W
Optics:	Acrylic Opal Prism
CCT Color temperature: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

**Photometrics:**  
Lumen intensity distribution



**Acoustic specifications:**

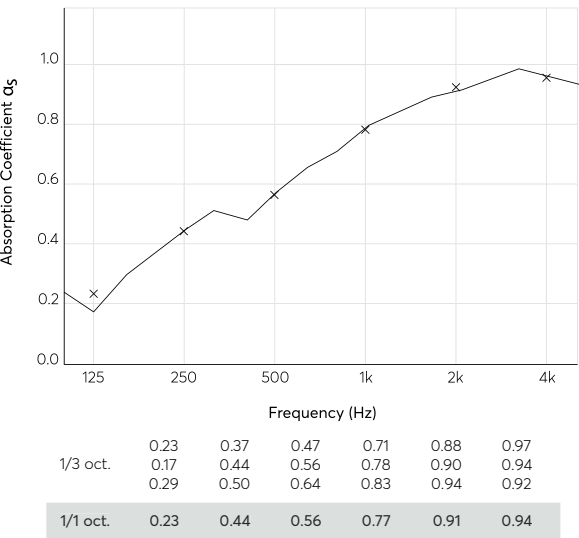


- Acoustic PET Felt
- Air
- LED Element

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



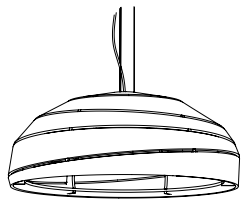
**aw (ISO 11654) = 0,65 (H)**  
SAA (ASTM - C423) = 0,67



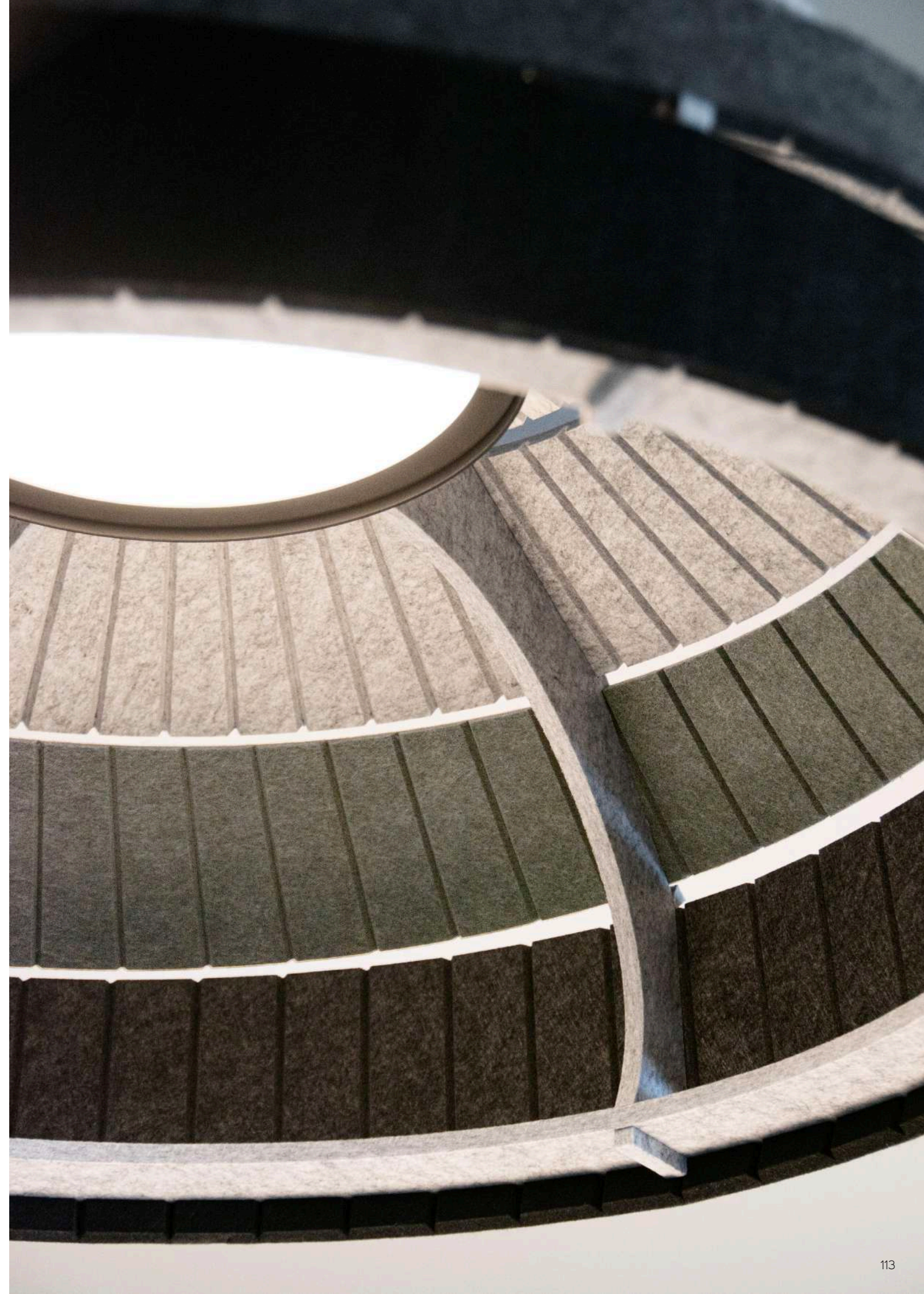
# Sliced

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

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

Lighting properties:

Integrated LED  
17W | 1850lm

Dimmable  
Trailing edge (RC) | DALI

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

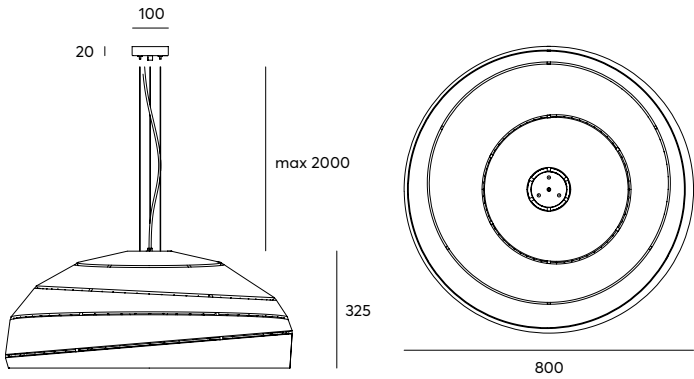
IP20

Acoustic properties:

0,85 m² of acoustic absorption  
material of aw 0,45

Diffusion due to the rounded design

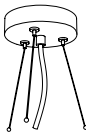
Dimensions:



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

3,9kg | 2,8kg  
800x800x400mm

Mounting:



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

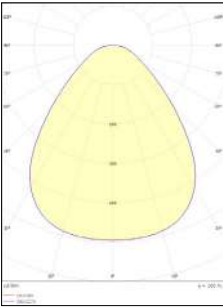
GF\_Grey Fade

**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:

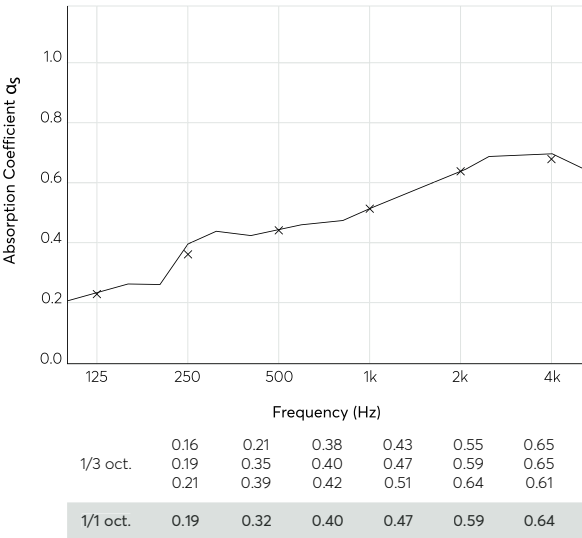
The acoustic design principle

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..

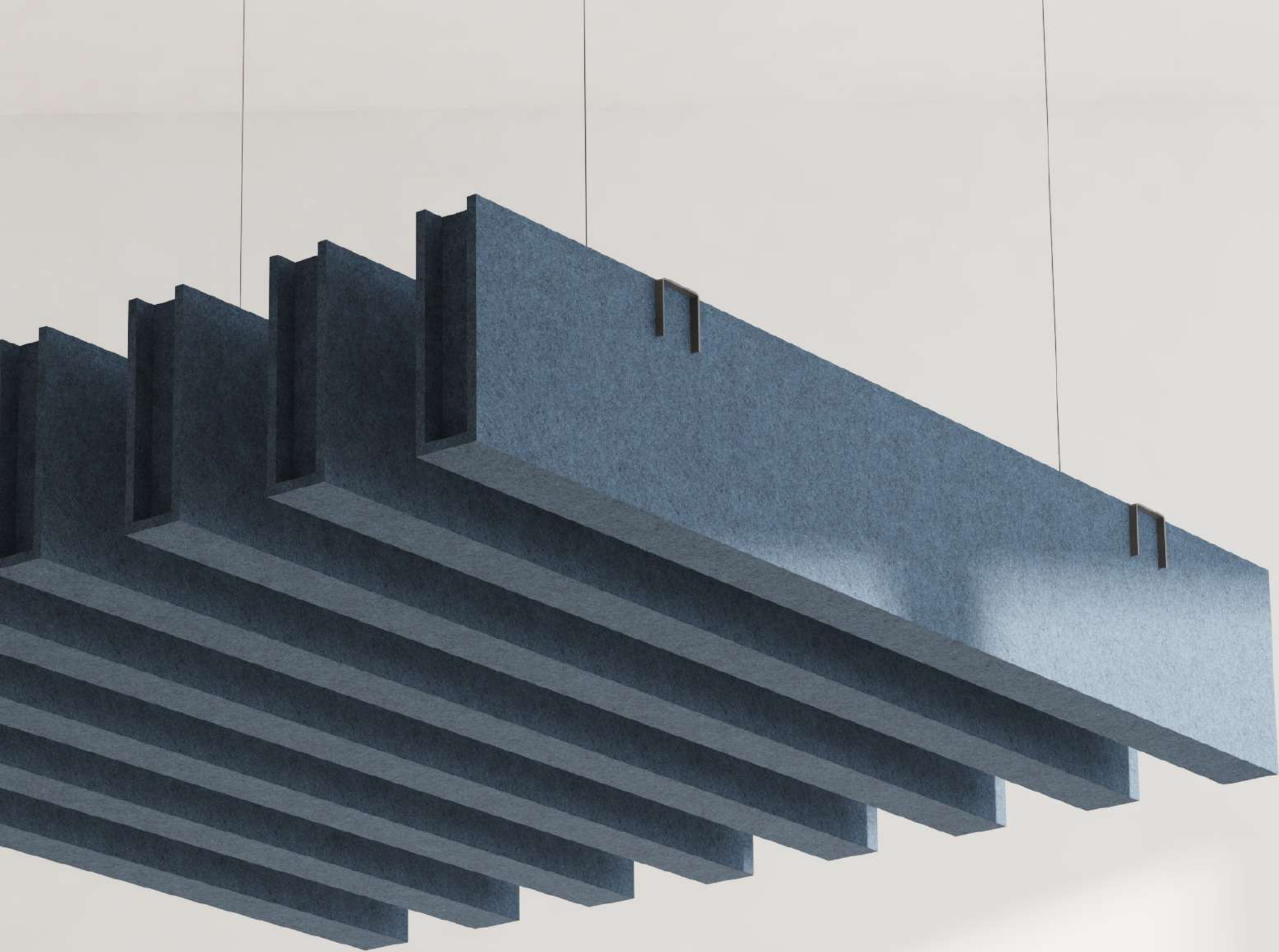
**Calculated acoustic surface area:** 0,85 m²

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

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







## **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..



# Bold Acoustic




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

**Fixture:**  
Metal inside and base plate

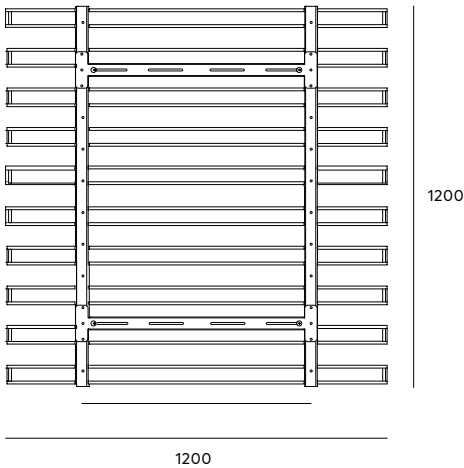
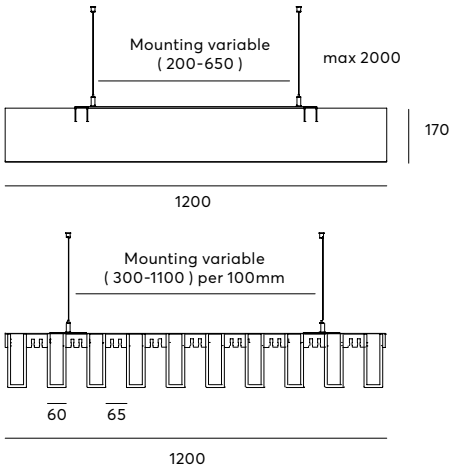
**Acoustic properties:**

-  High absorption value of  $\alpha_w$  1.0
-  Diffusion

**Total weight:** 9,9kg

**Mounting:** 4x 

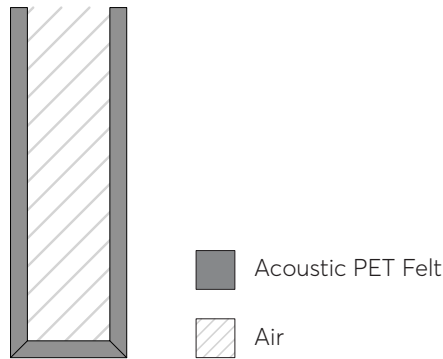
**Dimensions:**



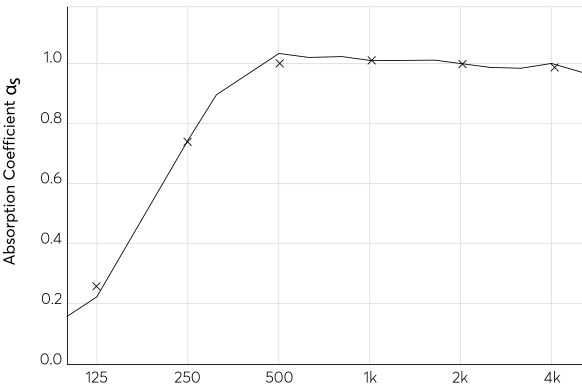
**Colors:**



**Acoustic specifications:**



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



	Frequency (Hz)					
	0.16	0.56	0.95	1.01	1.00	0.98
1/3 oct.	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

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.

**$\alpha_w$  (ISO 11654) = 1,00**  
SAA (ASTM - C423) = 0,93



Bold Spot **Add-On**

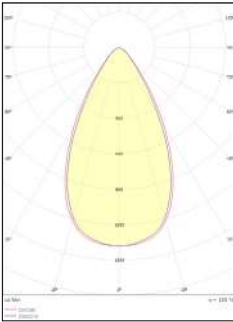


Light source specifications:



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

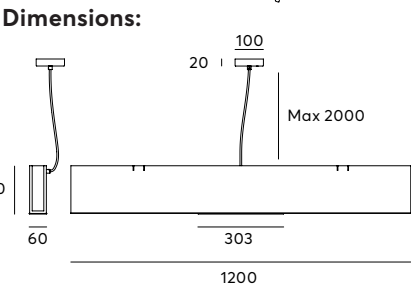
Photometrics:  
Lumen intensity distribution



Added weight: 0,8kg

Size spot: 303x62mm

Mounting: 1x



Bold duo Spot **Add-on**

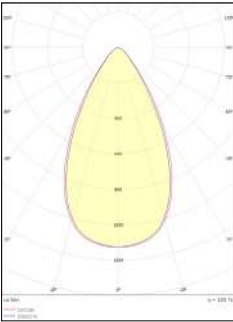


Light source specifications:



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

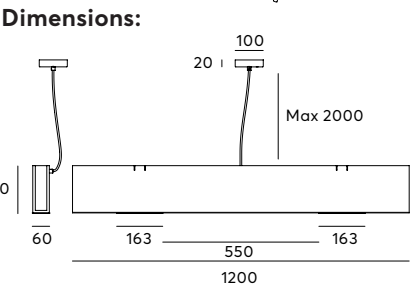
Photometrics:  
Lumen intensity distribution



Added weight: 0,9kg

Size spot: 2x 163x62mm

Mounting: 1x



Bold Line **Add-on**

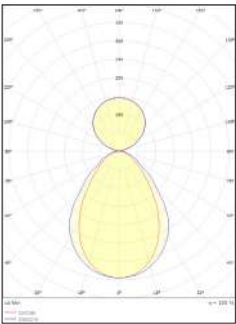


Bold Line is a separate fixture designed to hang between the baffles.

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

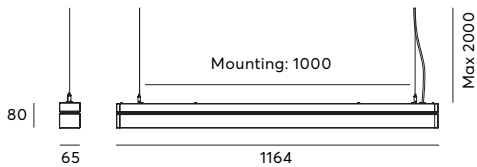


**Added weight:** 5,0kg

**Connecting:** Europlug 2m cable

**Mounting:** 2x (Silver)

Dimensions:







# Collection

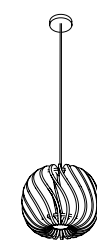
## Decorative lighting

In addition to our technical lighting solutions, lumeneur 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.

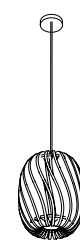


# Twist

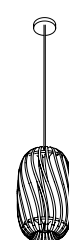
Twist is a flexible, sound-absorbing pendant lamp with a distinctive twisted form. Its integrated downlight delivers a high light output directly from the acoustic body. Thanks to its substantial mass and dynamic, curved shape, Twist offers excellent sound absorption and diffusion, making it both a functional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



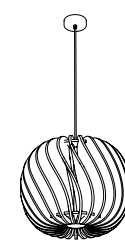
Twist low



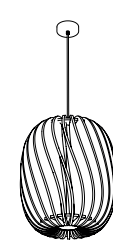
Twist mid



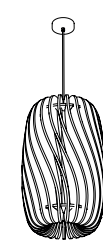
Twist high



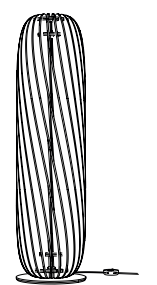
Twist XL low



Twist XL mid



Twist XL high



Twist floor light







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

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


Lighting properties:




Integrated LED  
6W | 400lm



Dimmable  
Trailing edge (RC)




CCT 2700 | 3000K | 4000K




IP20

Acoustic properties:

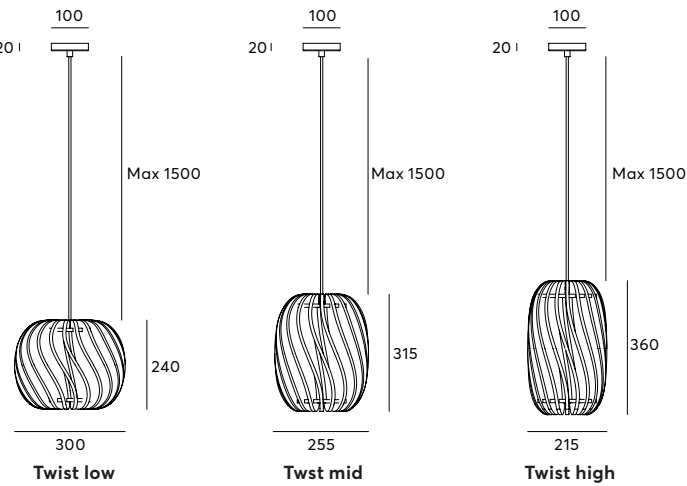


0,42 m² of acoustic absorption  
material of aw 0,45



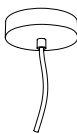
Diffusion by design

Dimensions:



**Total weight gross | net:** 1,9kg | 1,2kg  
**Parcel size:** 300x300x450mm

Mounting:



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

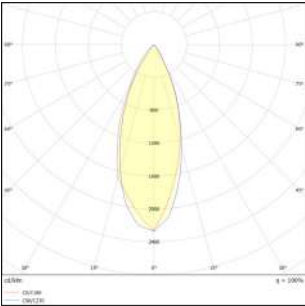
Light source specifications:



LED power:	6W
Connection voltage:	220-240V AC
Luminous Flux:	2700K/3000K/4000K 370lm / 400lm / 480lm
Life time:	L70/B50 44.000h
Driver:	Included   Integrated
Control   Dimmable:	Trailing Edge
Power factor:	2700K/3000K/4000K 62lm/W 66lm/W 80lm/W
Beam of light:	40°
CCT Color temperature:	2700K 3000K 4000K
CRI:	Ra >80
UGR:	<17
Operating temperature:	-20 ~ +45

Photometrics:

Lumen intensity distribution



Acoustic specifications:

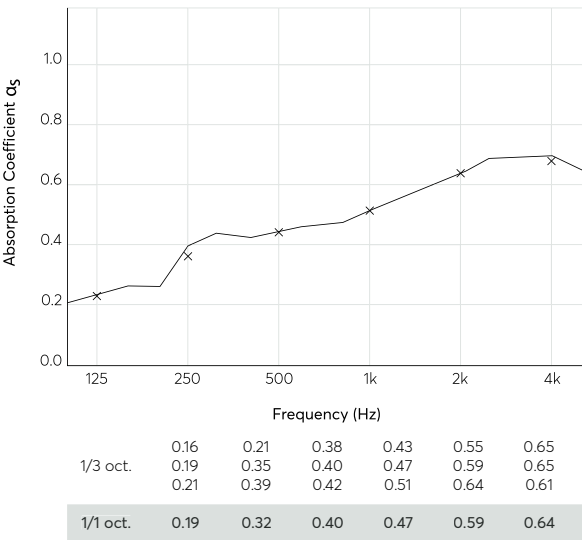
The acoustic design principle.

Twist 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.

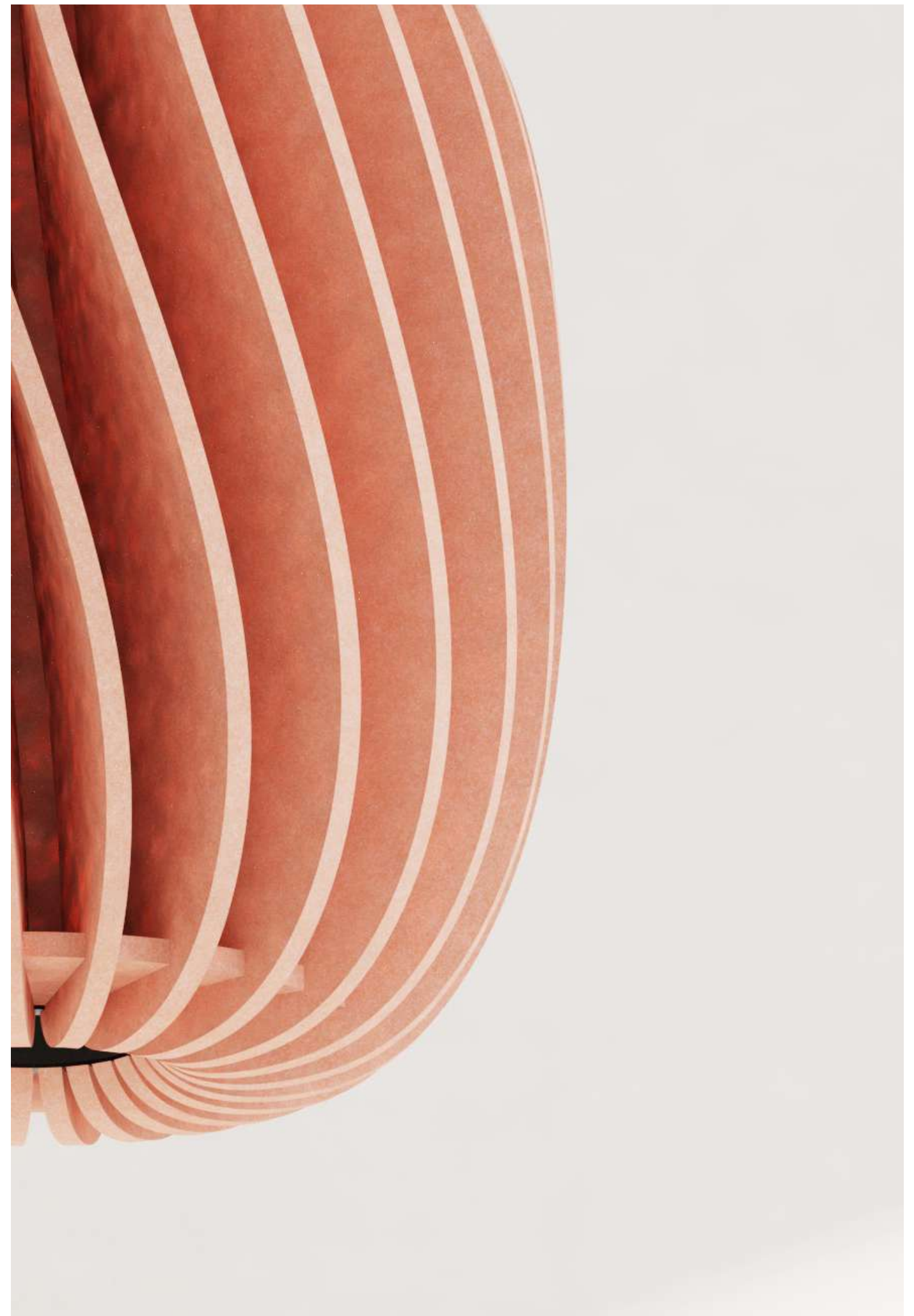
**Calculated acoustic surface area:** 0,42 m²

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

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









# Twist XL



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

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

**Lighting properties:**

Integrated LED  
9W | 500lm

Dimmable  
Trailing edge (RC) | DALI

CCT    2700 | 3000K | 4000K

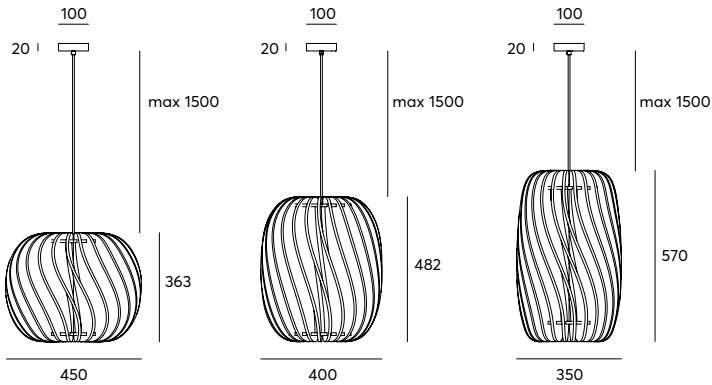
IP20

**Acoustic properties:**

1,2 m² of acoustic absorption  
material of aw 0,45

Diffusion by design

**Dimensions:**



Twist XL low                      Twist XL mid                      Twist XL high

**Total weight gross | net:**                      3,1kg | 2,4kg  
**Parcel size:**                                      480x480x600mm

**Mounting:**



**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

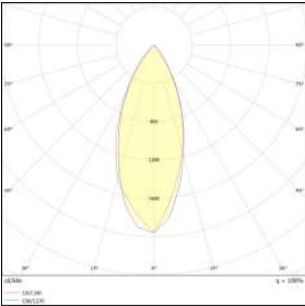
**Light source specifications:**



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

**Photometrics:**

Lumen intensity distribution



**Acoustic specifications:**

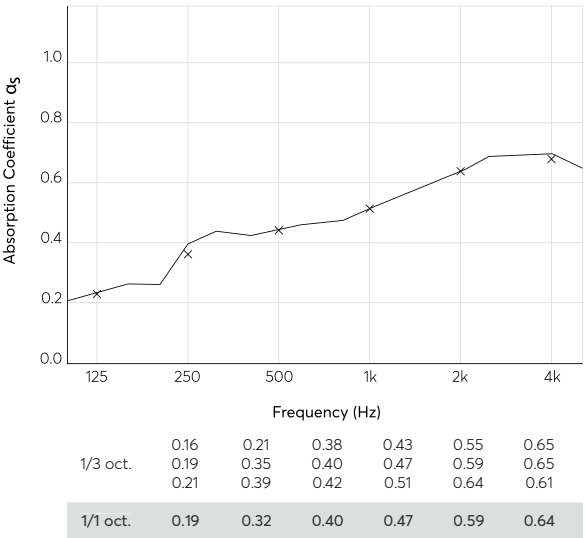
The acoustic design principle

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 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



# Twist Floor Light



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

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

Lighting properties:

Integrated LED  
25W | 2600lm

Dimmable  
Floor dimmer included

CCT    3000K | 4000K

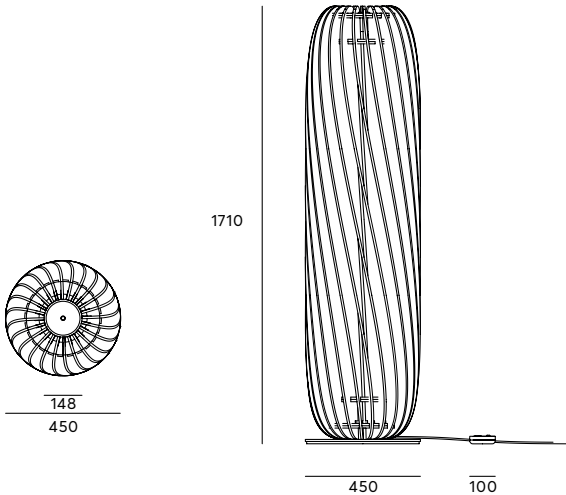
IP20

Acoustic properties:

5,54 m² of acoustic absorption  
material of aw 0,45

Diffusion by design

Dimensions:



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

**Mounting:** Free standing with Europlug

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

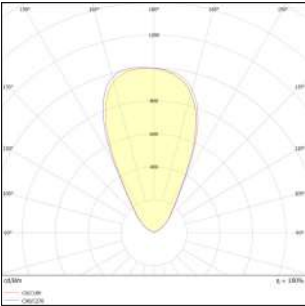
31\_Rosé

Light source specifications:



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



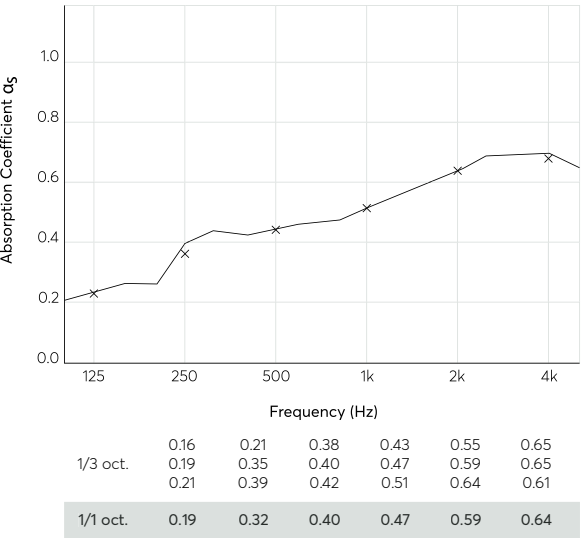
Acoustic specifications:

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 m²  
The equivalent absorption area ( A )  
 $A = \sum(\alpha \times s) = 2,5$

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

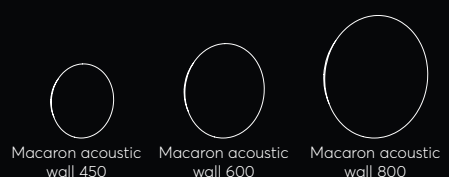
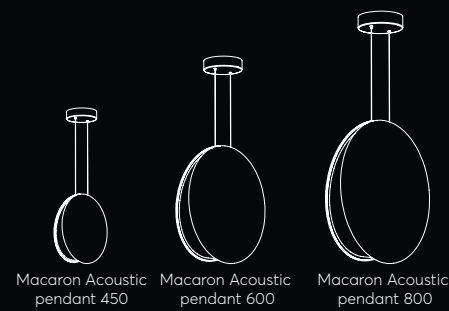
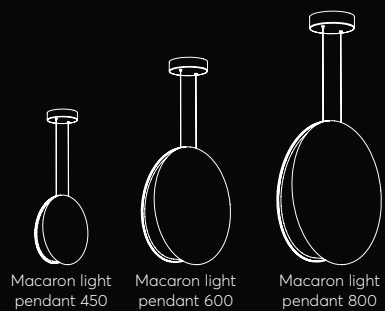


**aw (ISO 11654) = 0,45**  
SAA (ASTM - C423) = 0,45



# 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

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

Lighting properties:

Integrated LED

Dimmable  
Trailing edge (RC) | DALI

CCT 2700 | 3000K | 4000K

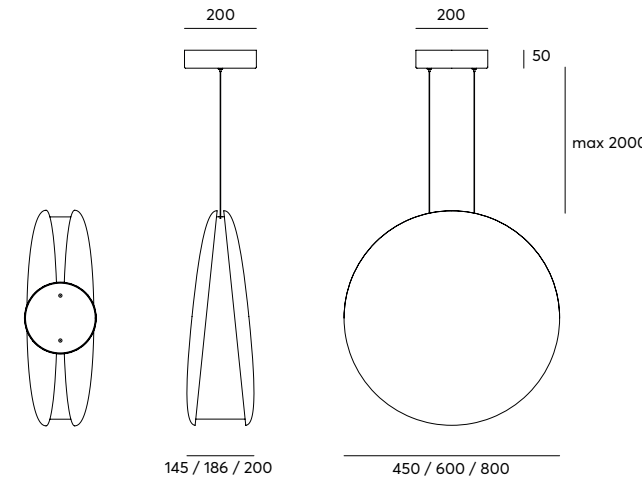
IP20

Acoustic properties:

High absorption  
value of  $\alpha_w$  0,85

Diffusion by design

Dimensions:



**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:

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

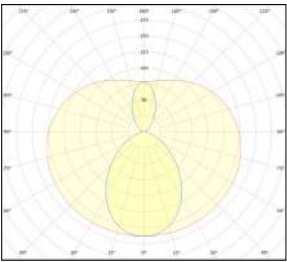
09\_Lavender

31\_Rosé

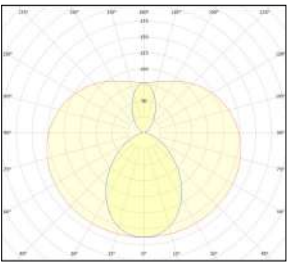
Light source specifications:  
Calculations of 07\_Ghost White inside

<b>Macaron 450:</b>	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 diffuser
	CCT Color temperature:	2700K 3000K 4000K
	CRI:	Ra>90
	UGR:	<10

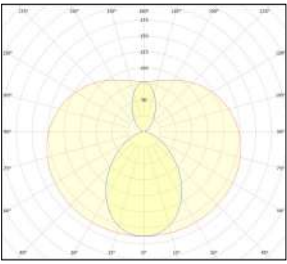
Photometrics:  
Lumen intensity distribution



<b>Macaron 600:</b>	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 diffuser
	CCT Color temperature:	2700K 3000K 4000K
	CRI:	Ra>90
	UGR:	<10



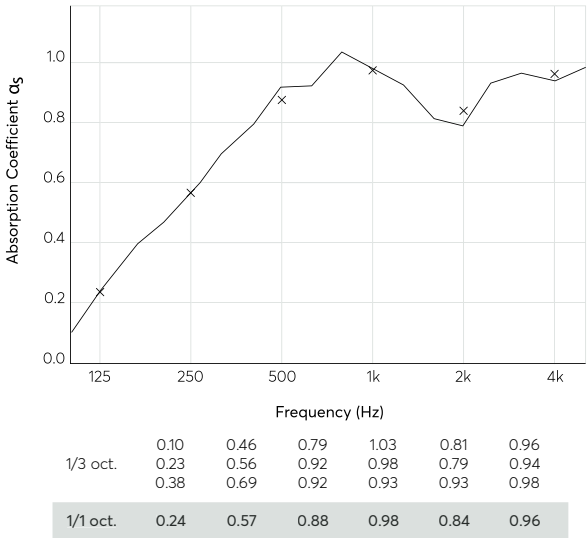
<b>Macaron 800:</b>	LED power:	55W
	Connection voltage:	220-240V AC
	Luminous Flux:	970lm
	Driver:	Included/Integrated
	Control/Dimmable:	DALI
	Power factor:	18lm/W
	Optics:	Acrylic diffuser
	CCT Color temperature:	2700K 3000K 4000K
	CRI:	Ra>90
	UGR:	<10



Acoustic specifications:



Suspended sandwich PET Felt tested to ISO 354:2003.







# Macaron acoustic pendant



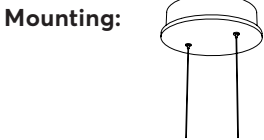
**Material:**  
PET Felt (polyethylene terephthalate)  
Fireclass: EN13501-1 Class B  
Produced in The Netherlands

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

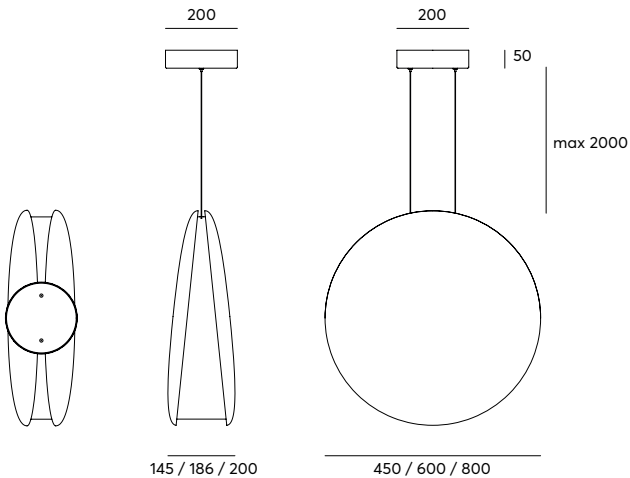
Acoustic properties:

-  High absorption value of  $\alpha_w$  0,85
-  Diffusion by design

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



Dimensions:



**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)

  
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

**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

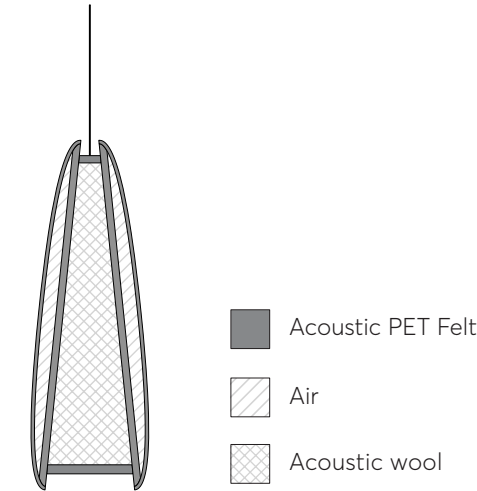
  
35\_Ochre

  
45\_Chilli

  
09\_Lavender

  
31\_Rosé

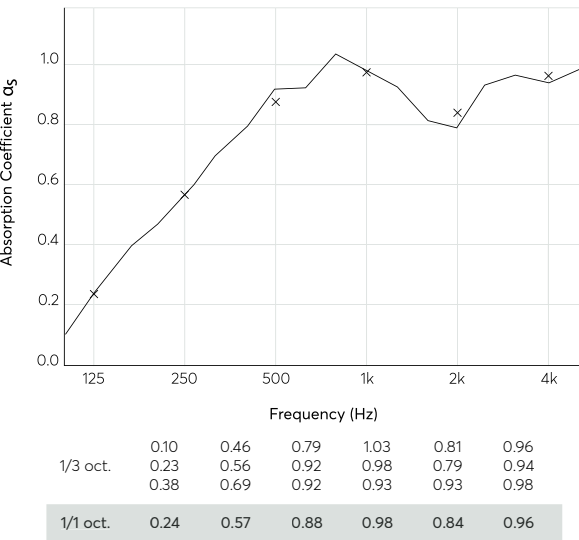
Acoustic specifications:



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.







**$\alpha_w$  (ISO 11654) = 0,85 (H)**  
SAA (ASTM - C 423) = 0,82

Macaron light wall





<b>Material:</b>	<b>Fixture:</b>
PET Felt (polyethylene terephthalate)	Ghost white PET Felt inside (standard)
Fireclass: EN13501-1 Class B	Metal wall bracket
Produced in The Netherlands	Option for cable connection

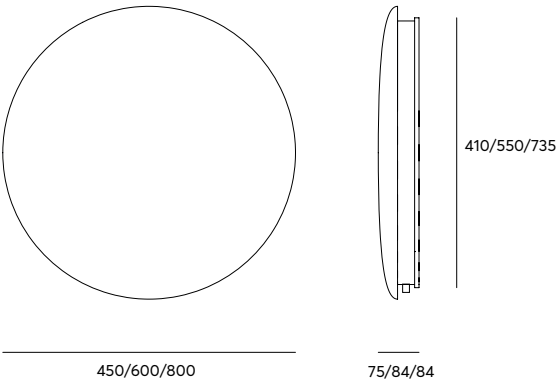
Lighting properties:

 Integrated LED	 Dimmable Trailing edge (RC)   Dali
 2700   3000K   4000K	 IP20

Acoustic properties:

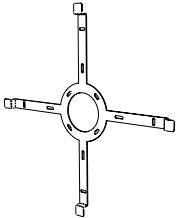
 High absorption value of $\alpha_w$ 0,6	 Diffusion by design
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Dimensions:



<b>Total weight gross   net:</b>	
<b>Macaron wall 450:</b>	2,1kg   1,8kg
<b>Macaron wall 600:</b>	4,3kg   3,9kg
<b>Macaron wall 800:</b>	5,8kg   5,1kg
<b>Parcel size:</b>	
<b>Macaron wall 450:</b>	470x470x100mm
<b>Macaron wall 600:</b>	600x600x100mm
<b>Macaron wall 800:</b>	800 x800x100mm

Mounting:



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

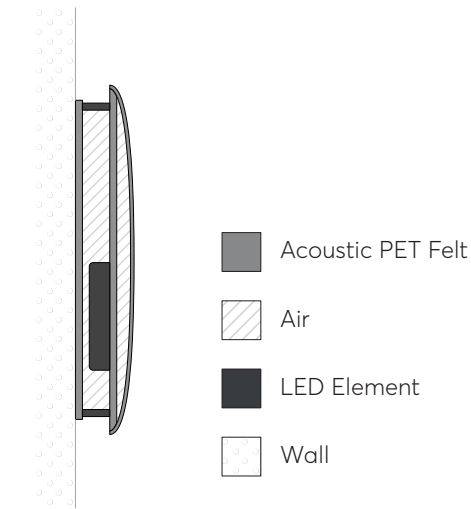
Light source specifications:

<b>Macaron 450:</b>	LED power: 15W	Power factor: 29lm/W
	Connection voltage: 220-240V AC	Optics: Acrylic diffusor
	Luminous Flux: 435lm	CCT Color temperature: 2700K 3000K 4000K
	Driver: Included/Integrated	CRI: Ra>90
	Control/Dimmable: Trailing edge (RC)   DALI	UGR: <10

<b>Macaron 600:</b>	LED power: 21W	Power factor: 27lm/W
	Connection voltage: 220-240V AC	Optics: Acrylic diffusor
	Luminous Flux: 565lm	CCT Color temperature: 2700K 3000K 4000K
	Driver: Included/Integrated	CRI: Ra>90
	Control/Dimmable: Trailing edge (RC)   DALI	UGR: <10

<b>Macaron 800:</b>	LED power: 29W	Power factor: 23lm/W
	Connection voltage: 220-240V AC	Optics: Acrylic diffusor
	Luminous Flux: 660lm	CCT Color temperature: 2700K 3000K 4000K
	Driver: Included/Integrated	CRI: Ra>90
	Control/Dimmable: Trailing edge (RC)   DALI	UGR: <10

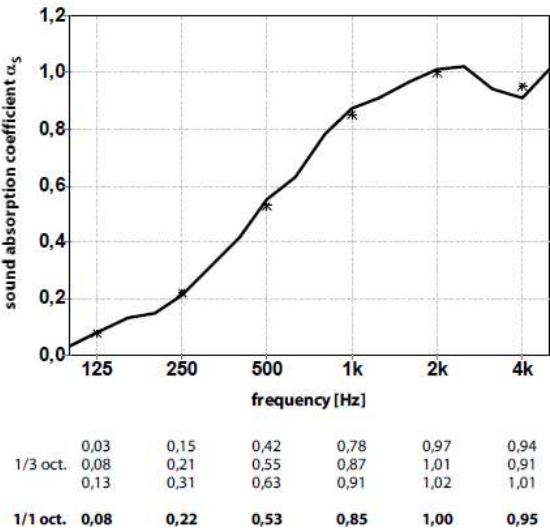
Acoustic specifications:



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.



**$\alpha_w$  (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

**Fixture:**  
2 black metal wires with adjustable griplock  
Metal wall bracket

**Acoustic properties:**

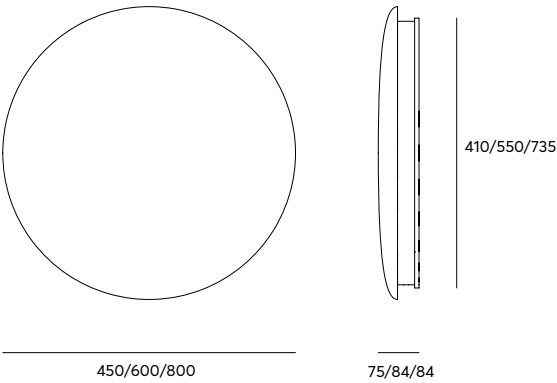


High absorption  
value of  $\alpha_w$  0,6

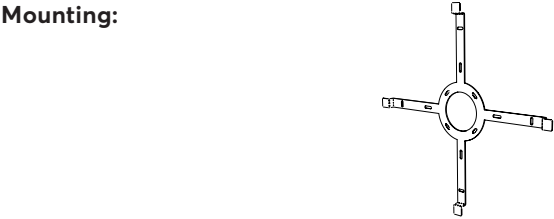


Diffusion by design

**Dimensions:**



<b>Total weight gross   net:</b>	
<b>Macaron wall 450:</b>	2,1kg   1,8kg
<b>Macaron wall 600:</b>	4,3kg   3,9kg
<b>Macaron wall 800:</b>	5,8kg   5,1kg
<b>Parcel size:</b>	
<b>Macaron wall 450:</b>	470x470x100mm
<b>Macaron wall 600:</b>	600x600x100mm
<b>Macaron wall 800:</b>	800 x800x100mm



**Inside Colors:**  
(ghoste white recommended)

  
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

**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

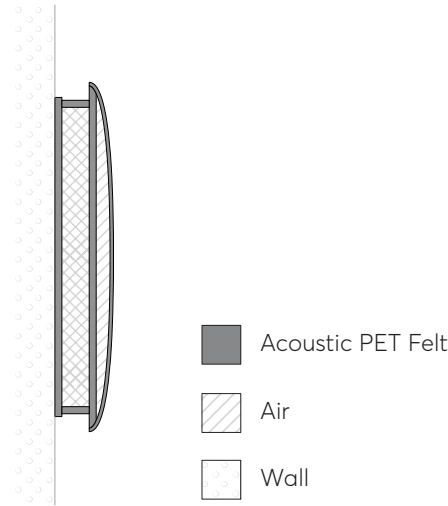
  
35\_Ochre

  
45\_Chilli

  
09\_Lavender

  
31\_Rosé

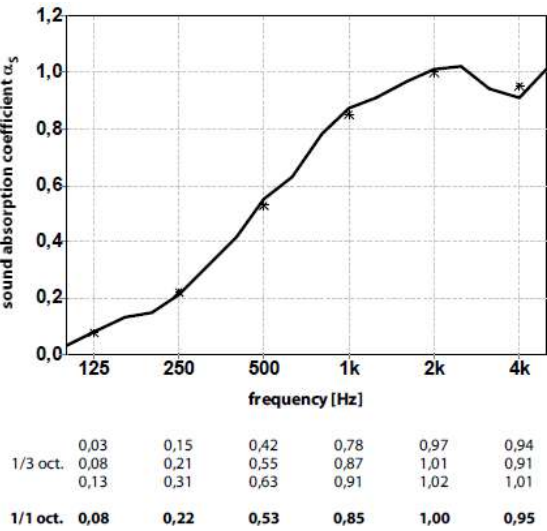
**Acoustic specifications:**



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.**



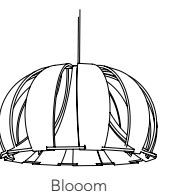
**$\alpha_w$  (ISO 11654) = 0,6**  
SAA (ASTM - C423) = 0,65



# Bloom



Bloom 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.





# Bloom



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

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

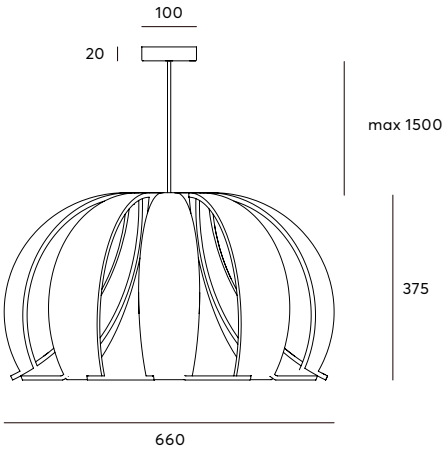
**Light properties:**

- E27  
Lightbulb excluded
- IP20

**Acoustic properties:**

- 1,2 m² of acoustic absorption material of  $\alpha_w$  0,45
- Diffusion by design

**Dimensions:**



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

**Mounting:**



**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

**Acoustic specifications:**

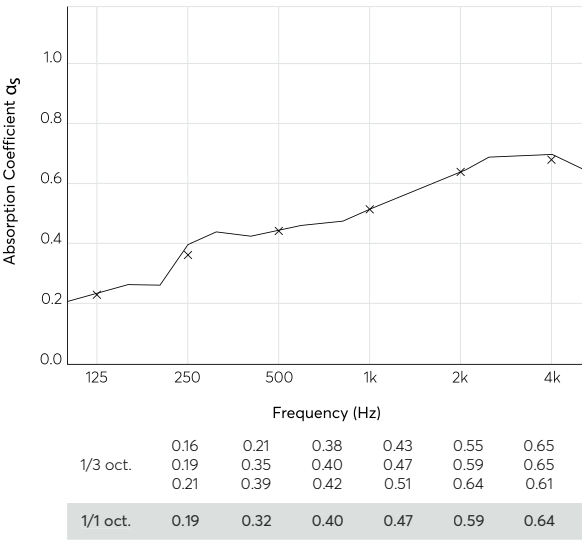
The acoustic design principle.

Bloom 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, Bloom's shape and design effectively absorb sound, helping to create a quieter, more comfortable environment.

**Calculated acoustic surface area:** 1,2 m²

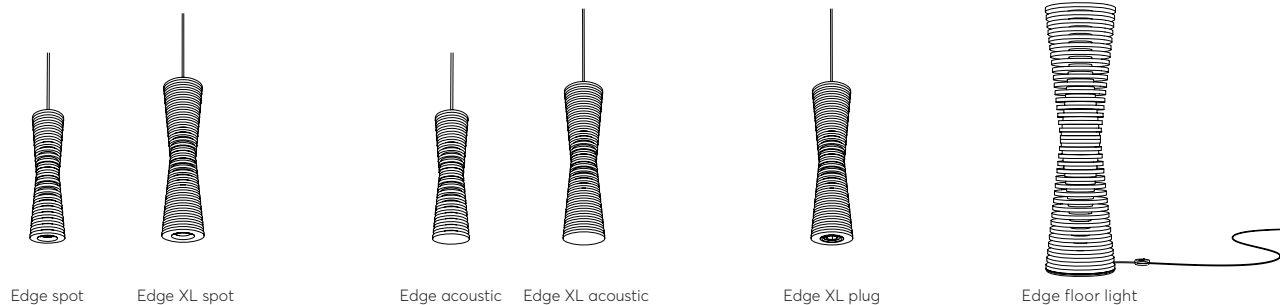
**Suspended 9 mm PET Felt tested to ISO 354:2003.**



**$\alpha_w$  (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

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

**Lighting properties:**




GU10 MR11  
Lightbulb 3000K included




IP20

**Acoustic properties:**




High absorption  
value of aw 0,85




Diffusion by design

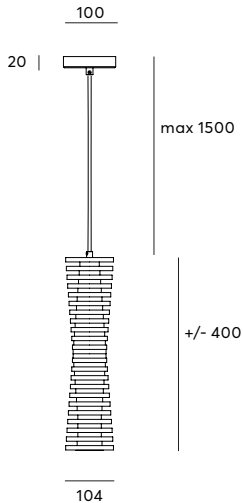
**specifications:**  
GU10 MR 11 (35mm) Included



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:**

**Dimensions:**


Edge XL Spot




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

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

**Lighting properties:**




GU10  
Lightbulb 3000K Included




IP20

**Acoustic properties:**



High absorption  
value of aw 0,85



Diffusion by design

**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:**

**Dimensions:**

Edge Acoustic



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

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

Acoustic properties:

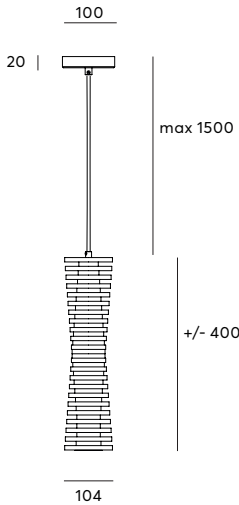
- High absorption  
value of  $\alpha_w$  0,85
- Diffusion by design

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

Mounting:



Dimensions:



Edge XL Acoustic



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

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

Acoustic properties:

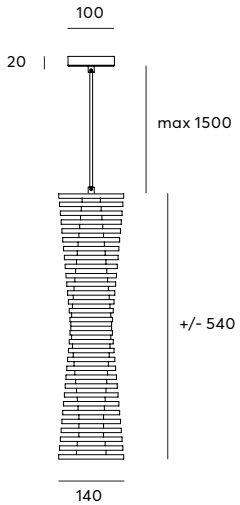
- High absorption  
value of  $\alpha_w$  0,85
- Diffusion by design

**Total weight gross | net:** 2,1kg | 1,8kg  
**Parcel size:** 150x150x600mm

Mounting:



Dimensions:





# Edge XL Plug



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

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

**Lighting properties:**  
 GU10  
Lightbulb excluded  
 IP20

**Acoustic properties:**  
 High absorption  
value of  $\alpha_w$  0,85  
 Diffusion by design

**Specifications:**  

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

**Dimensions:**

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



**Top 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

**Bottom Colors:**

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

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

**Acoustic specifications:**

Acoustic PET Felt  
Fixture

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.**

	125	250	500	1k	2k	4k
1/3 oct.	0.10 0.23 0.38	0.46 0.56 0.69	0.79 0.92 0.92	1.03 0.98 0.93	0.81 0.79 0.93	0.96 0.94 0.98
1/1 oct.	0.24	0.57	0.88	0.98	0.84	0.96

**$\alpha_w$  (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

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

Lighting properties:

Integrated LED  
25W | 2600lm

Dimmable  
Floor dimmer included

CCT    3000K | 4000K

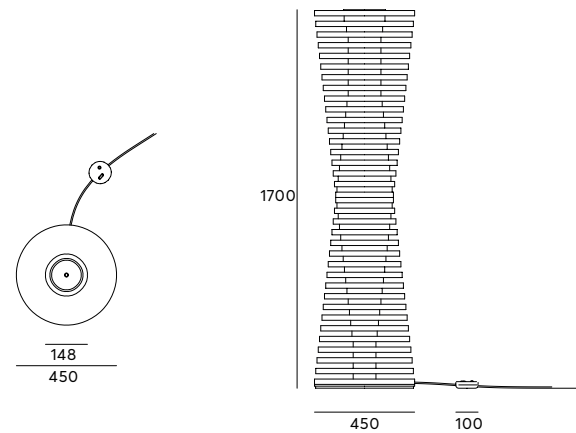
IP20

Acoustic properties:

5,54 m² of acoustic absorption  
material of aw 0,45

Diffusion by design

Dimensions:



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

**Mounting:** Free standing with Europlug

Top Colors:

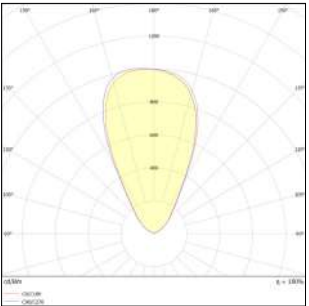
Bottom Colors:

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

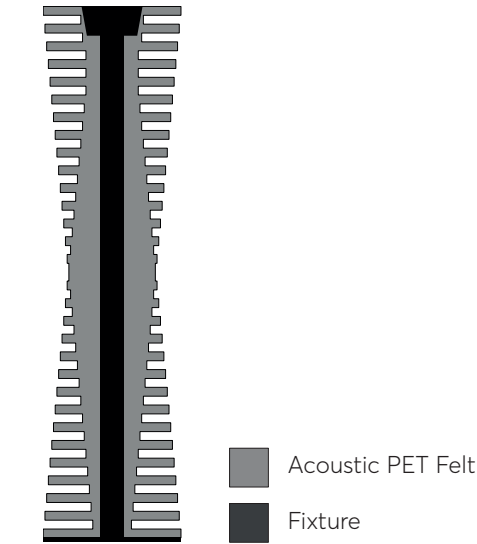
Light source specifications:

LED power:	25W
Connection voltage:	220-240V AC
Luminous Flux:	3000K/4000K 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

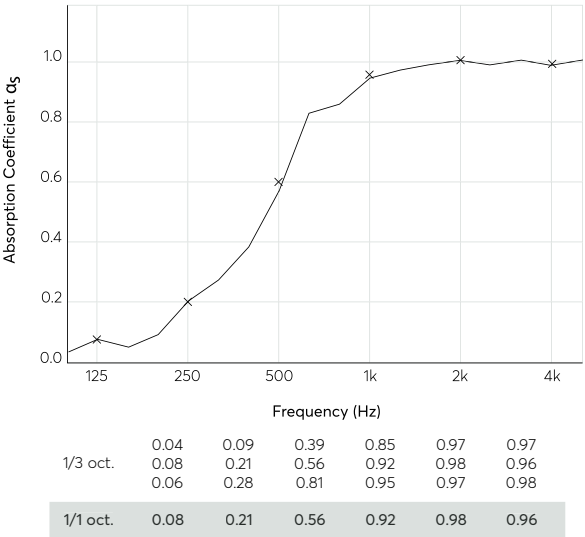


Acoustic specifications:



Calculated acoustic surface area: 5,54 m²

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



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

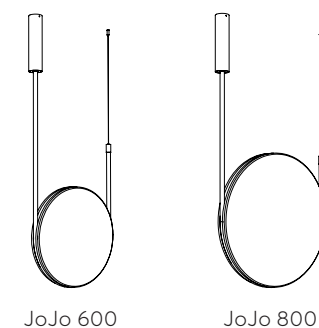


# JoJo



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

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

Lighting properties:

Integrated LED  
25W | 2600lm

Dimmable  
Trailing edge (RC)  
DALI / Push

CCT 3000K

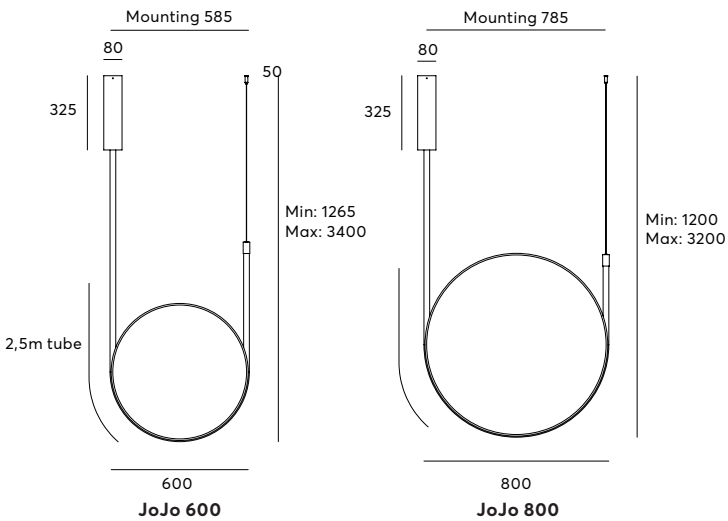
IP20

Acoustic properties:

High absorption  
value of  $\alpha_w$  1,00

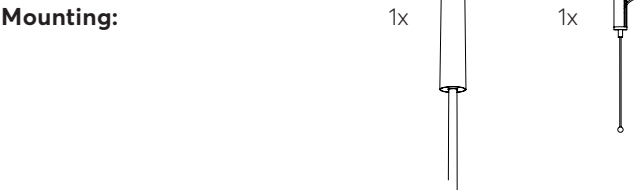
Diffusion by design

Dimensions:



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

**Parcel size 600:** 620x750x450mm  
**Parcel size 800:** 820x950x100mm



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.

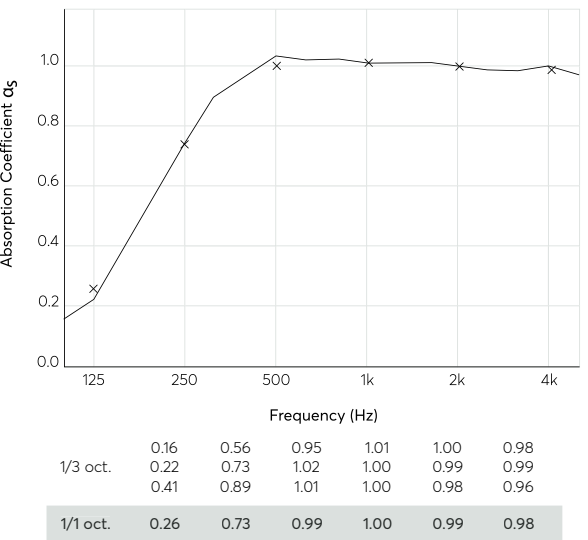
JoJo is designed as an acoustic pendant for above tables, or open spaces. Due to the thick sound absorbing disc it can absorb up to 100% of all sound entering the panel. Grouping multiple units increases the sound-absorbing mass, enhancing the overall acoustic impact in the space.

**Calculated acoustic surface area JoJo 600:** 0,29 m<sup>2</sup>

**Calculated acoustic surface area JoJo 800:** 0,50 m<sup>2</sup>

**$\alpha_w$  (ISO 11654) = 1,00**  
SAA (ASTM - C423) = 1,00

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



**$\alpha_w$  (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

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

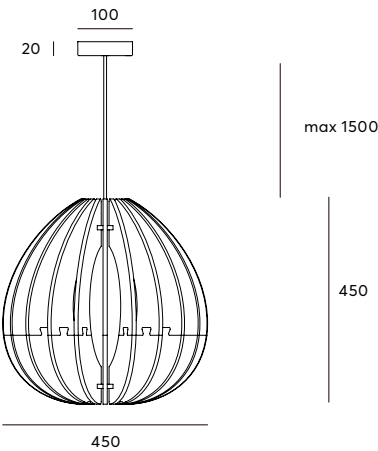
**Lighting properties:**

-  E27  
Lightbulb excluded
-  IP20

**Acoustic properties:**

-  0,88 m² of acoustic absorption material of aw 0,45
-  Diffusion by design

**Dimensions:**



**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**

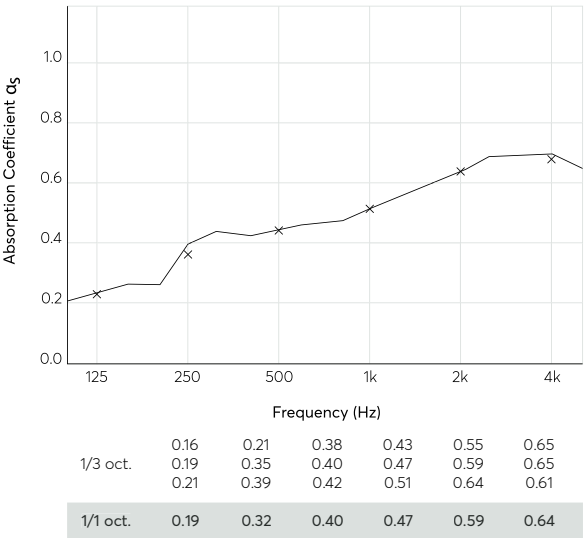
**Acoustic specifications:**

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.

**Calculated acoustic surface area:** 0,88 m²

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



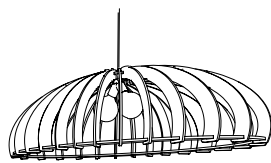
**aw (ISO 11654) = 0,45**  
SAA (ASTM - C423) = 0,45



# 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



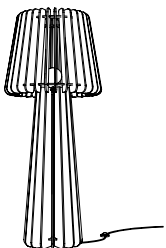
Podge



Spott



Spott XL



Pyknic




# Cage oval




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

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

**Lighting properties:**




E27 (2x)  
Lightbulb excluded




IP20

**Acoustic properties:**



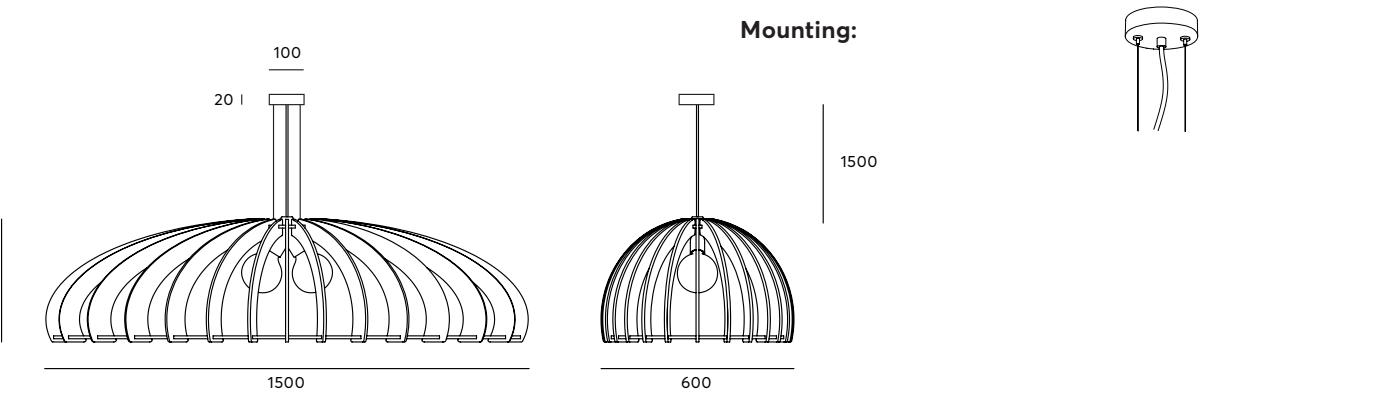
1,09 m² of acoustic absorption material of aw 0,45



Diffusion due to the rounded design

**Dimensions:**

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



## Colors:





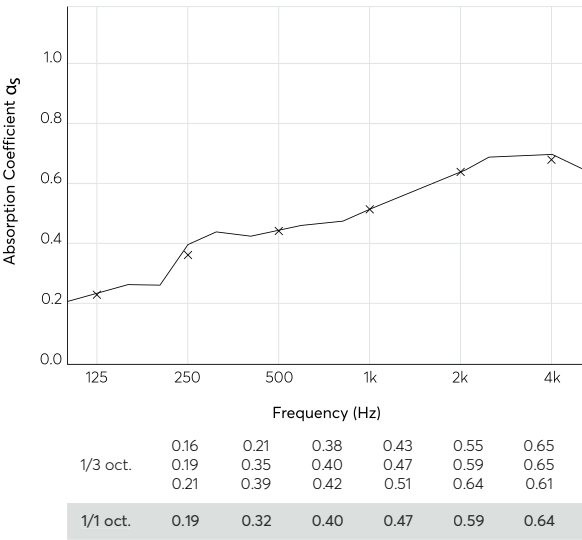
## Acoustic specifications:

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 m²

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



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



# Podge



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

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

**Lighting properties:**

- E27  
Lightbulb excluded
- IP20

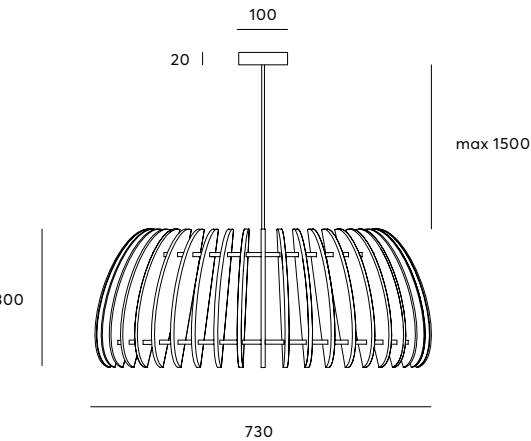
**Acoustic properties:**

- 0,87 m² of acoustic absorption material of  $\alpha_w$  0,45
- Diffusion due to the rounded design

**Dimensions:**

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

**Mounting:**



**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

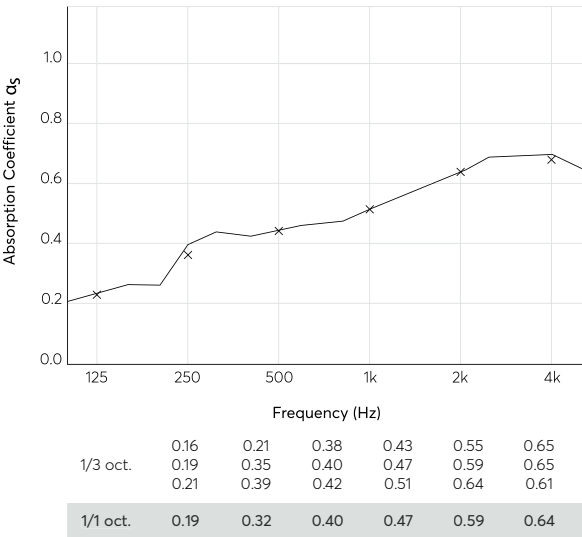
**Acoustic specifications:**

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 m²

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



**$\alpha_w$  (ISO 11654) = 0,45**  
SAA (ASTM - C423) = 0,45





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

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

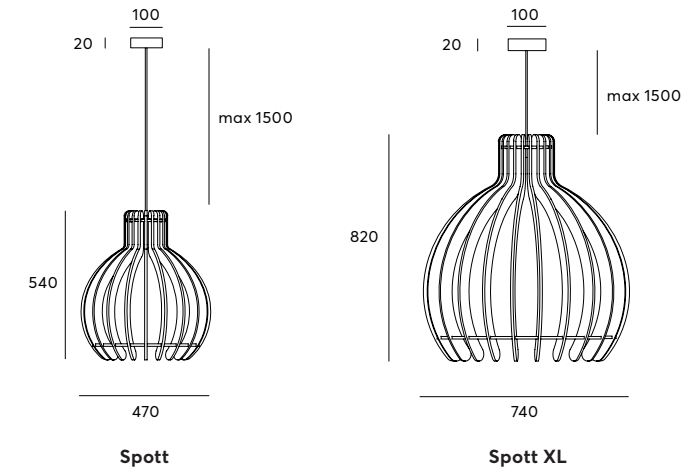
Lighting properties:

-  E27  
Lightbulb excluded
-  IP20

Acoustic properties:

-  0,48 / 1,14 m² of acoustic absorption material of aw 0,45
-  Diffusion by design

Dimensions:



**Total weight gross | net:** 3,5kg | 2,6kg  
**Parcel size Spott: Flat pack product\*** 480x480x600mm  
**Parcel size Spott XL Flat pack product\*** 760x760x870mm

Mounting:



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

Colors:



Acoustic specifications:

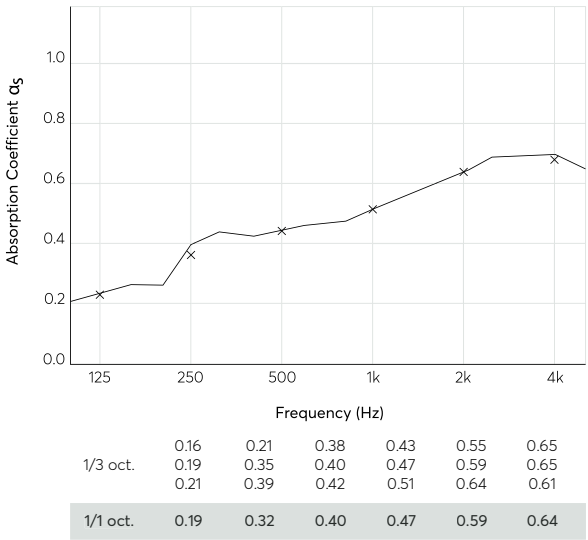
The acoustic design principle.

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

Calculated acoustic surface area Spott: 0,48 m²

Calculated acoustic surface area Spott XL: 1,14 m²

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



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



# Pyknic



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

**Fixture:**  
2 meter black PVC cable with floor switch and europlug


### Lighting properties:


- 

E27  
Lightbulb excluded
- 

IP20

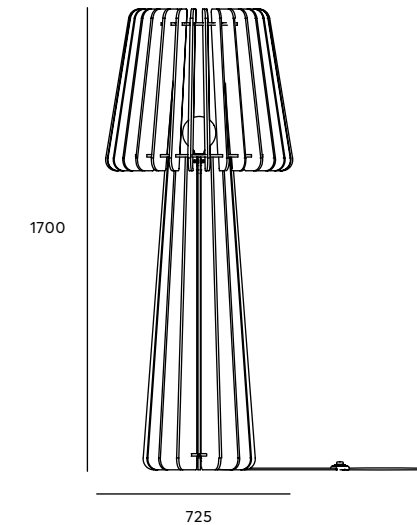
### Acoustic properties:

- 

5,67 m² of acoustic absorption  
material of  $\alpha_w$  0,45
- 

Diffusion by design

### Dimensions:



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

**Parcel size:**760x760x1100mm

**Mounting:**Free standing

### 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

### Acoustic specifications:

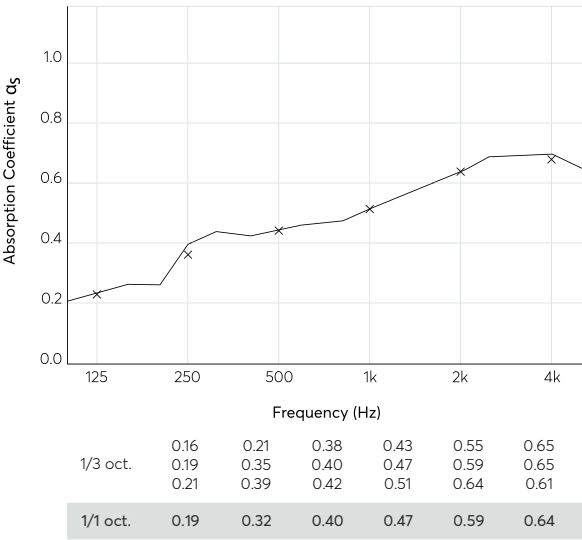
The acoustic design principle.

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 m²

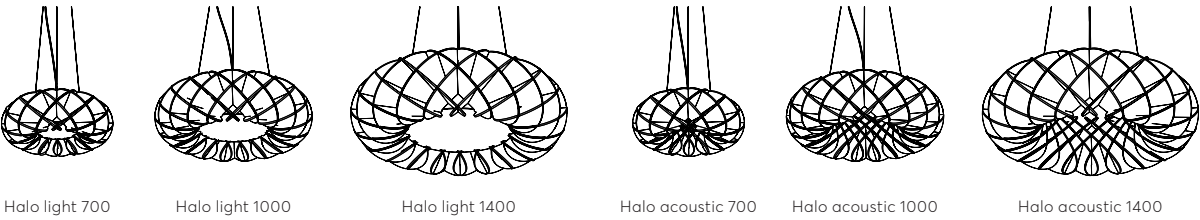
### Suspended 9 mm PET Felt tested to ISO 354:2003.



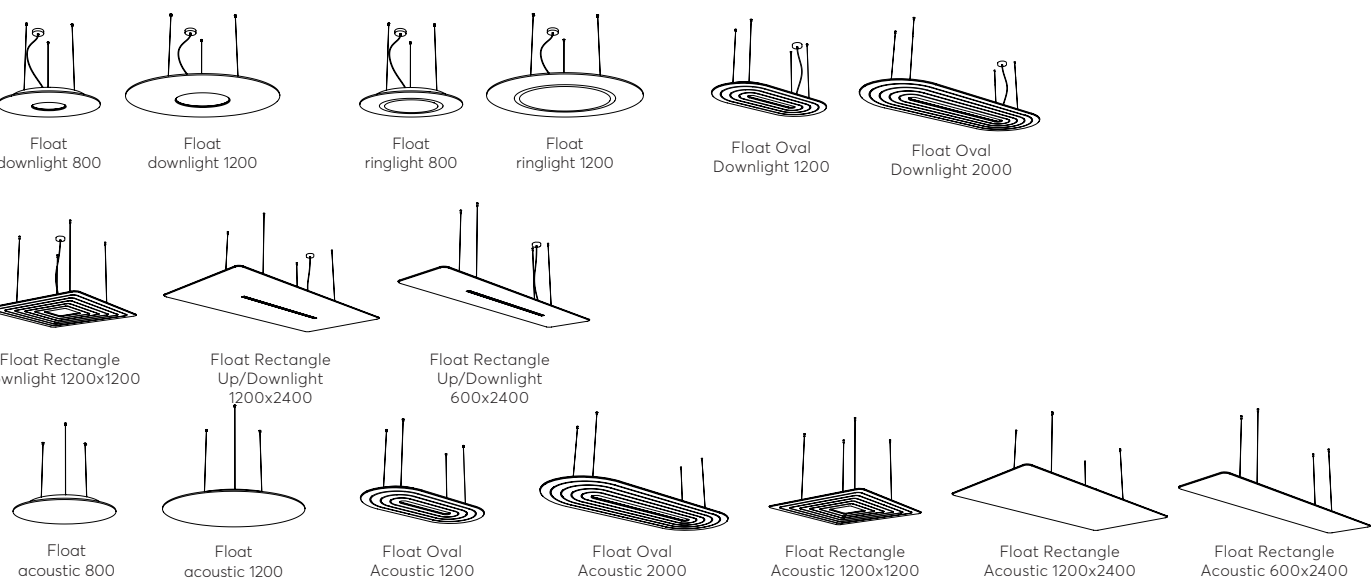
**$\alpha_w$  (ISO 11654) = 0,45**  
SAA (ASTM - C423) = 0,45

# Quick overview Technical lighting

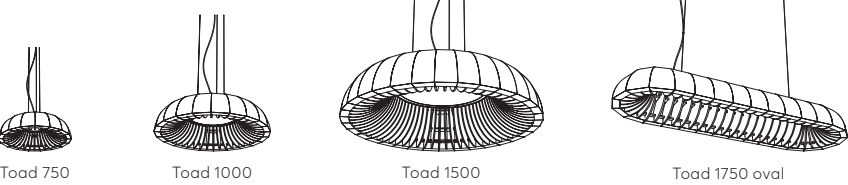
## Halo



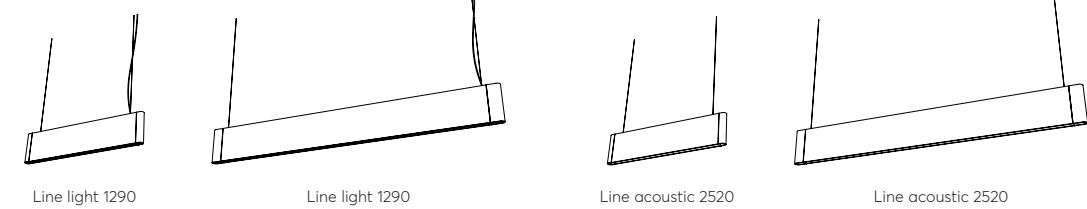
## Float



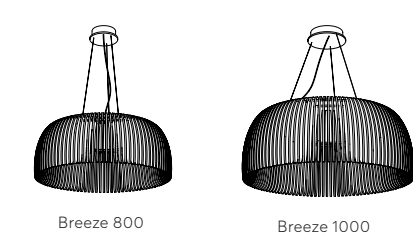
## Toad



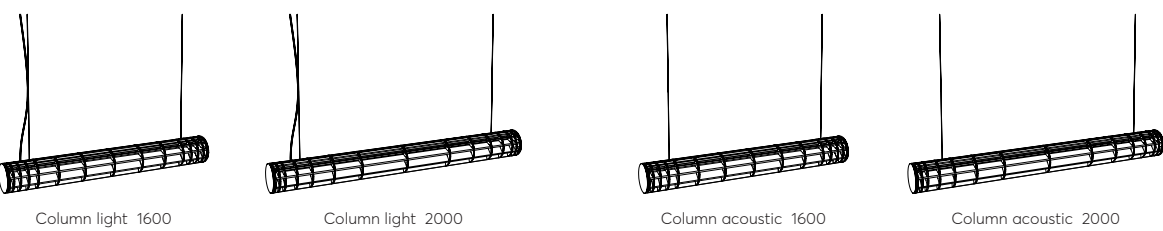
## Line



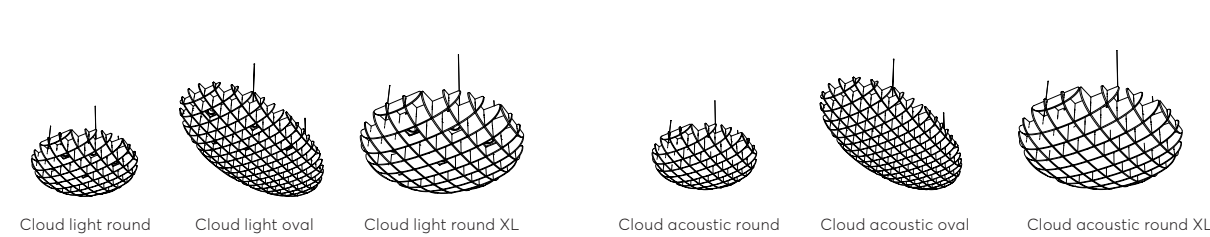
## Breeze



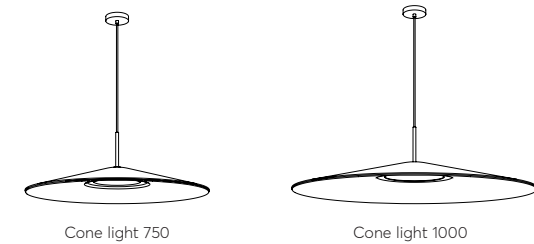
## Column



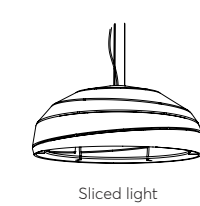
## Cloud



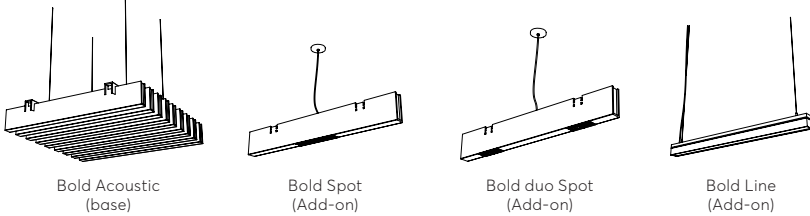
## Cone



## Sliced



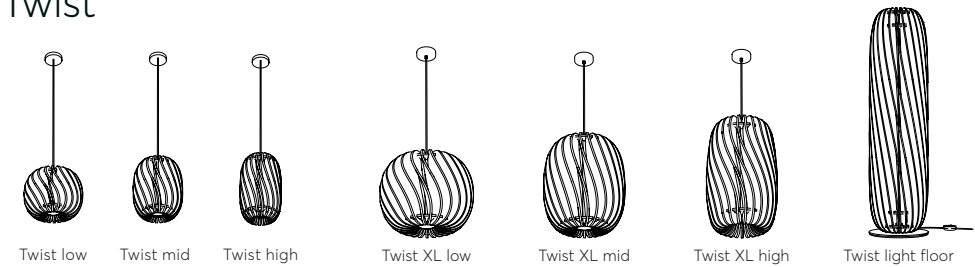
## Bold



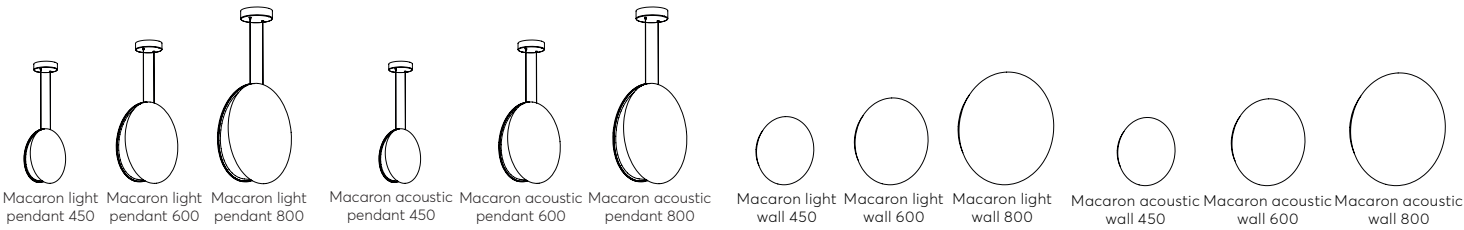


Quick overview Decorative lighting

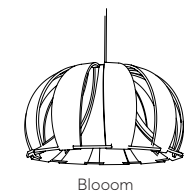
Twist



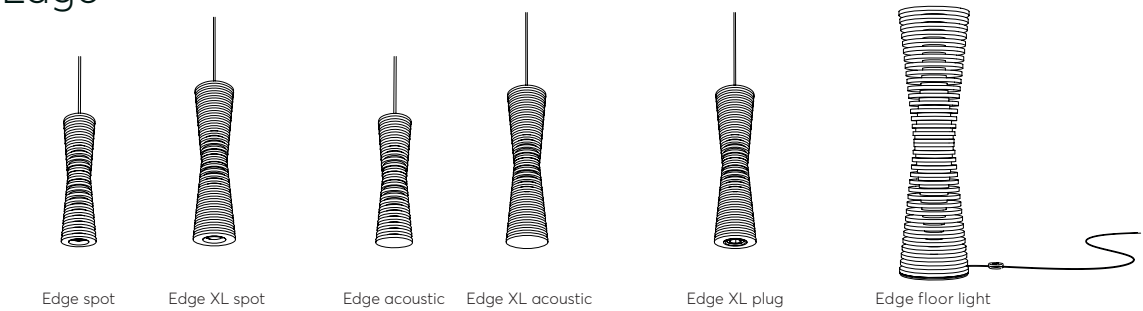
Macaron



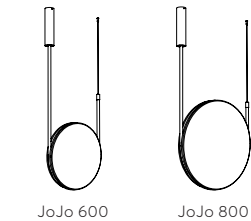
Bloom



Edge



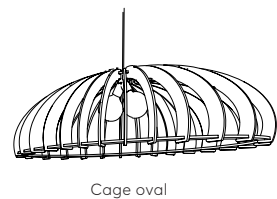
JoJo



Drop



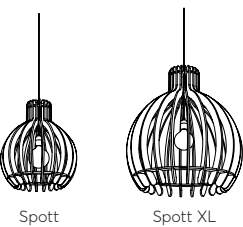
Cage



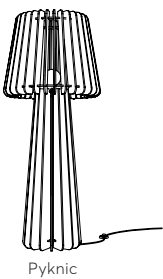
Podge



Spott



Pyknic



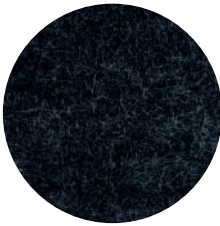
Notes

Notes section with 20 horizontal lines for writing.

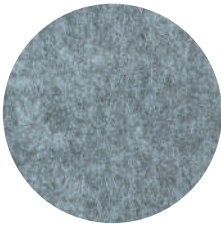
# PET Felt color overview



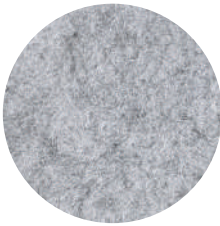
13\_Black



03\_Charcoal



36\_Dim Grey



11\_Fog Grey



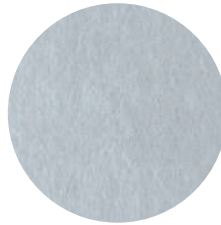
07\_Ghost White



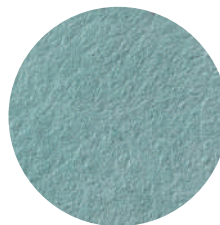
19\_Midnight



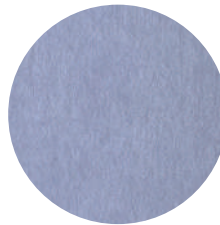
26\_Ocean



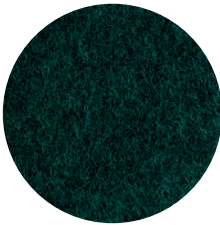
30\_Cool Grey



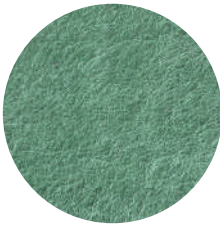
41\_Mint Pastel



09\_Lavender



17\_Forest



40\_Faded Jade



06\_Olive



39\_Warm Grey



04\_Bisque



31\_Rosé



35\_Ochre



45\_Chilli

## 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.



# lumènear

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