

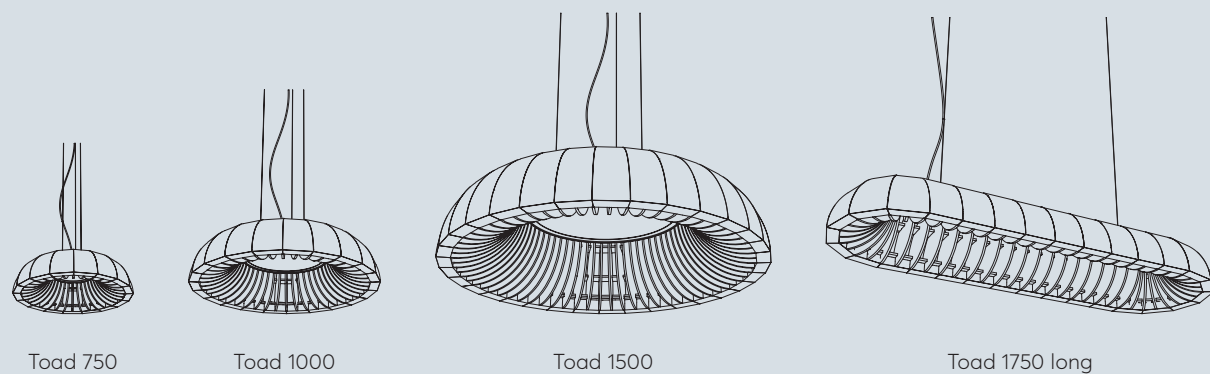
Toad akoestische lamp

Toad harmoniously brings together functionality, acoustics and aesthetics. The design is inspired by natural and round shapes.

The spherical shade with high-quality LED panel emits a soft and diffused light, creating a warm and inviting atmosphere.

The shape of the lamp features organically shaped slats on the inside, offering high acoustic efficiency and pleasant light diffusion. Toad also has a large mass and plenty of surface area, making it the perfect recipe for a high-quality acoustic lamp.

Toad is available in different shapes, sizes and colors of PET Felt taking into account that the inside is always finished in a light color. The high-quality LED panel gives an even light, and is available in different color temperatures and dimming options.



Toad 750



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



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



IP20

Acoustic properties:

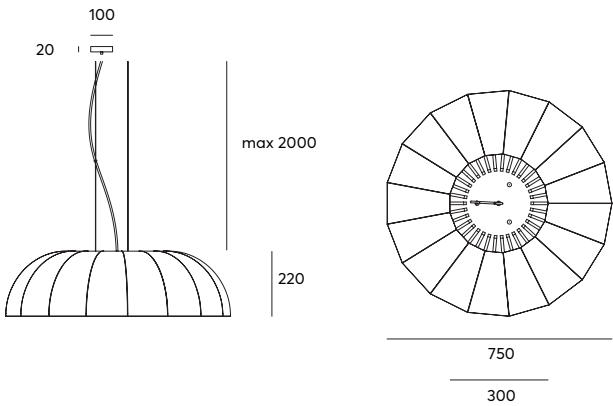


1,98 m² of acoustic absorption
material of aw 0,45



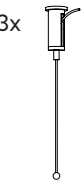
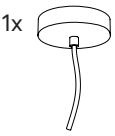
Diffusion due to the 'mushroom' design

Measurements:

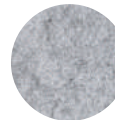


Total weight gross | net: 5,5 | 4,3kg

Parcel size: 800x800x400mm

Mounting: 3x  + 1x 

Inside Colors:



11_Fog Grey



07_Ghost White



30_Cool Grey



04_Bisque

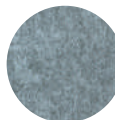
Colors:



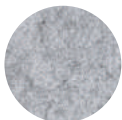
13_Black



03_Charcoal



36_Dim Grey



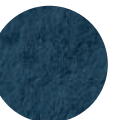
11_Fog Grey



07_Ghost White



19_Midnight



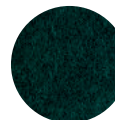
26_Ocean



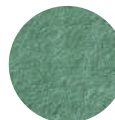
30_Cool Grey



41_Mint Pastel



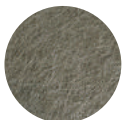
17_Forest



40_Faded Jade



06_Olive



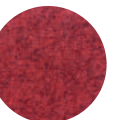
39_Warm Grey



04_Bisque



35_Ochre



45_Chilli



09_Lavender



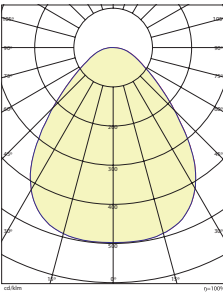
31_Rosé

Light source specifications:



LED power:	17W
Connection voltage:	220-240V AC
Luminous Flux:	1850lm
Frequency:	47-63Hz
Driver:	Included Integrated
Control Dimmable:	Trailing Edge Dali
Power factor:	109lm/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.

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.

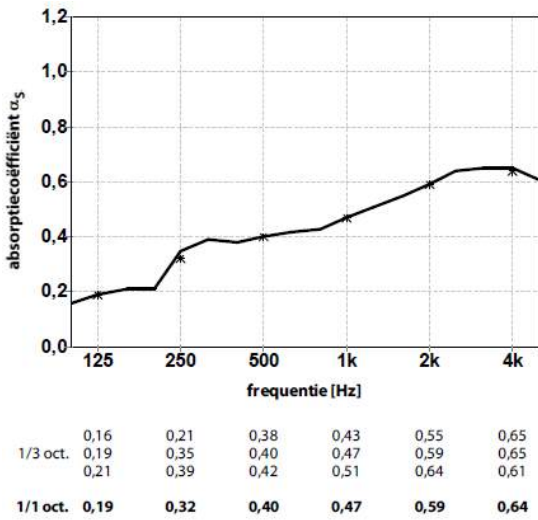
The LED element, will reflect the soundwaves

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





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:

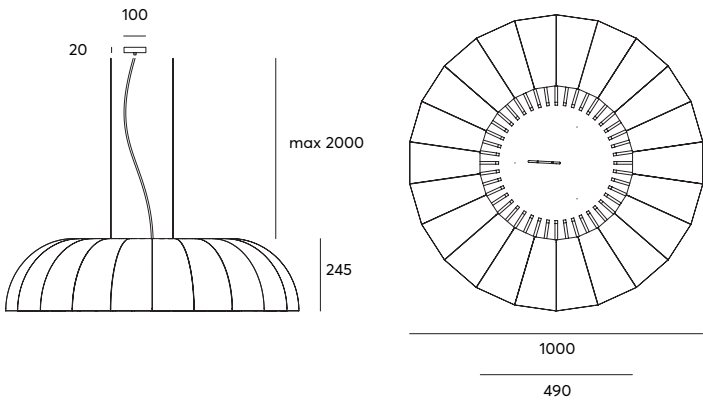


3,27 m² of acoustic absorption
material of aw 0,45



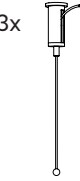
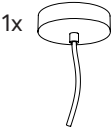
Diffusion due to the 'mushroom' design

Measurements:



Total weight gross | net: 10,6 | 9,4kg

Parcel size: 1000x1000x400mm

Mounting: 3x  + 1x 

Inside Colors:



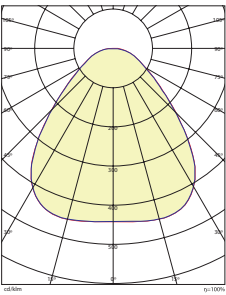
Colors:



Light source specifications:

LED power:	36W
Connection voltage:	220-240V AC
Luminous Flux:	3560lm
Frequency:	47-63Hz
Driver:	Included Integrated
Control/Dimmable:	Trailing Edge Dali
Power factor:	99lm/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.

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.

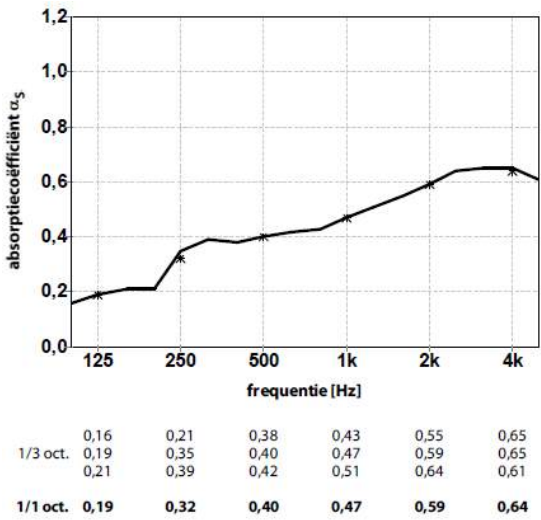
The LED element, will reflect the soundwaves

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



Toad 1500



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 3000K | 4000K

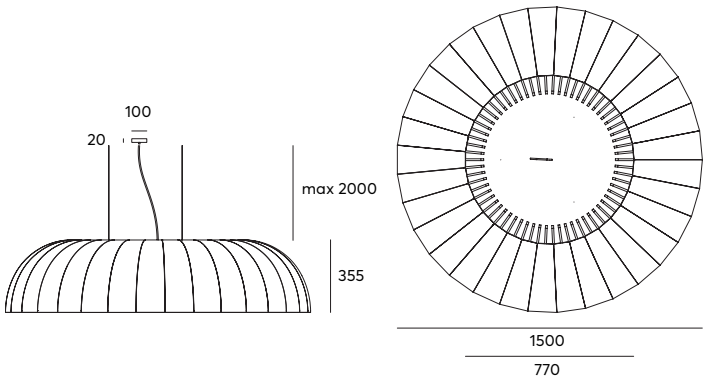
IP20

Acoustic properties:

8,84 m² of acoustic absorption
material of aw 0,45

Diffusion due to the 'mushroom' design

Measurements:



Total weight gross | net: 28,9 | 25,7kg

Parcel size: 1500x1500x400mm

Mounting: 4x + 1x

Inside Colors:

11_Fog Grey

07_Ghost White

30_Cool Grey

04_Bisque

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

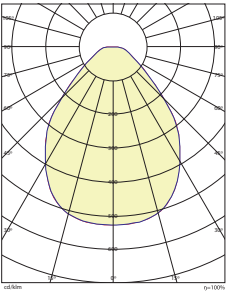
09_Lavender

31_Rosé

Light source specifications:

LED power:	64W
Connection voltage:	220-240V AC
Luminous Flux:	6870lm
Frequency:	50/60Hz
Driver:	Included Integrated
Control Dimmable:	Dali
Power factor:	107lm/W
Optics Beam of light:	Acrylic Opal Prism 83°
CCT Color temperature:	3000K 4000K
CRI:	Ra>80
UGR:	<19
Operating temperature:	-20 ~ +45

Photometrics:
Lumen intensity distribution



Acoustic specifications:

The acoustic design principle.

Toad is designed to catch sound directly from the space where sound is created. Such as meeting rooms or dining tables. Because of its large open design, soundwaves will travel inside the shade and the mushroom like slats absorb the sound.

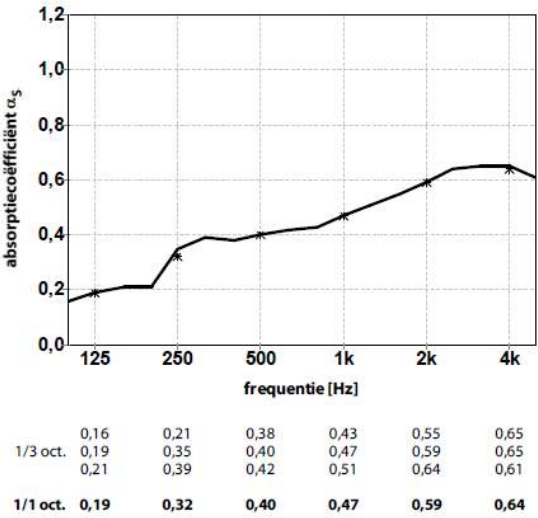
The LED element, will reflect the soundwaves

Calculated acoustic surface area: 8,84 m²

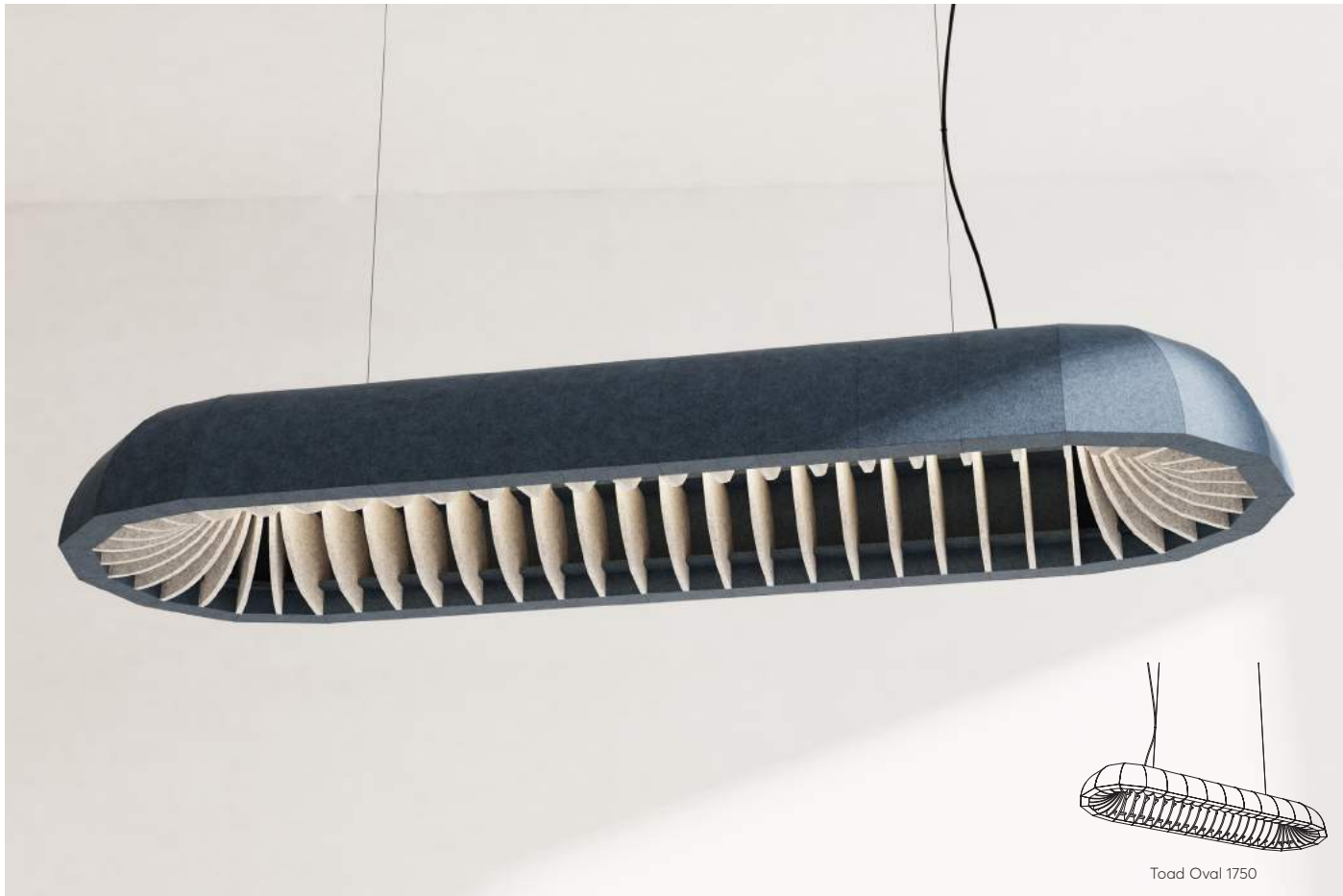
aw (ISO 11654) = 0,45

SAA (ASTM - C423) = 0,45

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



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
34W | 4140lm

Dimmable
On-Off | Dali/Push

CCT 3000K | 4000K

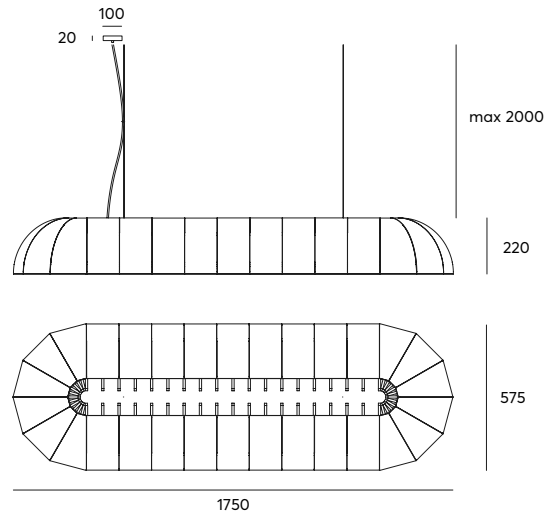
IP20

Acoustic properties:

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

Diffusion due to the 'mushroom' design

Measurements:



Total weight gross | net: 10,9 | 9,8kg

Parcel size: 1800x600x250mm

Mounting: 2x + 1x

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0031 - 20 311 8396

Inside Colors:

11_Fog Grey

07_Ghost White

30_Cool Grey

04_Bisque

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

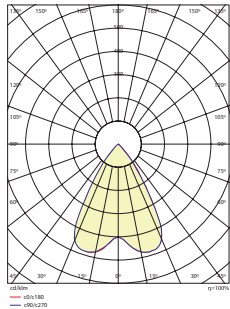
09_Lavender

31_Rosé

Light source specifications:
Cubic reflector

LED power:	34W
Connection voltage:	220-240V AC
Luminous Flux:	4140lm
Frequency:	47-63Hz
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:	29W
Connection voltage:	220-240V AC
Luminous Flux:	3510lm
Frequency:	47-63Hz
Driver:	Included Integrated
Control Dimmable:	Dali / Push
Power factor:	121lm/W
Optics:	Prismatic difusor
CCT Color temperature:	3000K 4000K
CRI:	Ra>80
UGR:	<19
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

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

