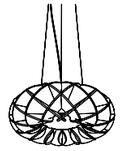
meinema
interieur | ontwerp | uitvoering
Info@meinema.nl
0031 - 20 311 8396

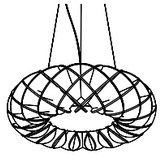
Halo Baffle Akoestische lamp

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.

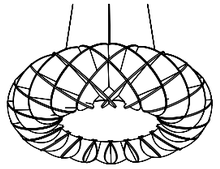
The integrated LED panel, with high light intensity, shines from above into the Halo. A blender at the bottom softens this light, providing a wide down-light spread. Meanwhile, some light remains between the LED panel and the diffuser, allowing Halo to also offer pleasing indirect light through its waffle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



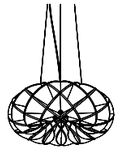
Halo light 700



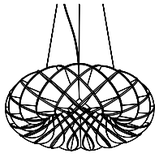
Halo light 1000



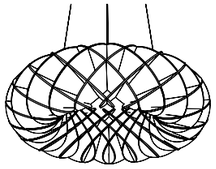
Halo light 1400



Halo acoustic 700



Halo acoustic 1000



Halo acoustic 1400

Halo light 700

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

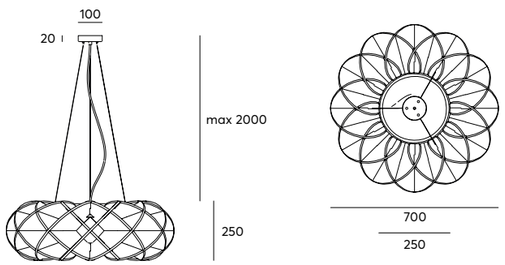
IP20

Acoustic properties:

1,64 m² of acoustic absorption material of aw 0,45

Diffusion due to the 'waffle' design

Measurements:



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

Mounting:

Colors:

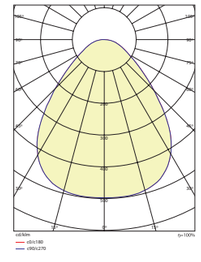
13_Black | 03_Charcoal | 36_Dim Grey | 11_Fog Grey | 07_Ghost White | 19_Midnight | 26_Ocean | 30_Cool Grey | **41_Mint Pastel**

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

Light source specifications:

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 | 70% LT
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.

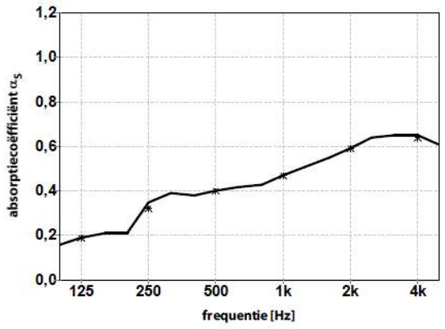
The LED element and acrylic diffusor, will reflect the sound

Calculated acoustic surface area: 1,64 m²

aw (ISO 11654) = 0,45

SAA (ASTM - C423) = 0,45

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



	0,16	0,21	0,38	0,43	0,55	0,65
1/3 oct.	0,19	0,35	0,40	0,47	0,59	0,65
	0,21	0,39	0,42	0,51	0,64	0,61
1/1 oct.	**0,19**	**0,32**	**0,40**	**0,47**	**0,59**	**0,64**

Halo light 1000

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

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

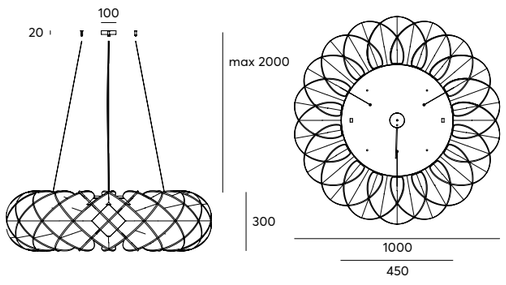
IP20

Acoustic properties:

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

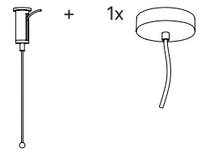
Diffusion due to the 'waffle' design

Measurements:



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

Mounting: 3x + 1x



Colors:

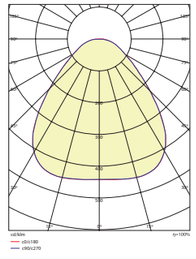
13_Black | 03_Charcoal | 36_Dim Grey | 11_Fog Grey | 07_Ghost White | 19_Midnight | 26_Ocean | 30_Cool Grey | **41_Mint Pastel**

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:	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 | 70% LT
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.

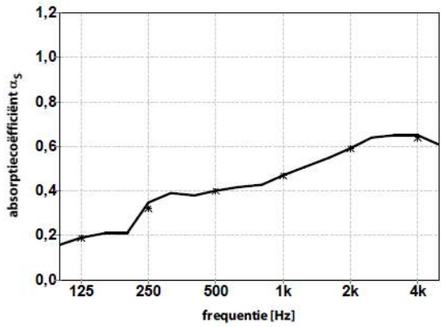
The LED element and acrylic diffusor, will reflect the sound

Calculated acoustic surface area: 3,3 m²

aw (ISO 11654) = 0,45

SAA (ASTM - C423) = 0,45

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



	0,16	0,21	0,38	0,43	0,55	0,65
1/3 oct.	0,19	0,35	0,40	0,47	0,59	0,65
	0,21	0,39	0,42	0,51	0,64	0,61
1/1 oct.	**0,19**	**0,32**	**0,40**	**0,47**	**0,59**	**0,64**

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
3000K | 4000K

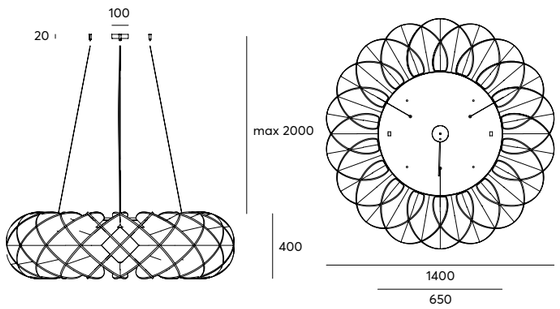
IP20

Acoustic properties:

6,28 m² of acoustic absorption material of aw 0,45

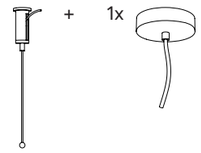
Diffusion due to the 'waffle' design

Measurements:



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

Mounting: 3x + 1x



Colors:

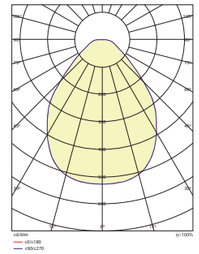
13_Black | 03_Charcoal | 36_Dim Grey | 11_Fog Grey | 07_Ghost White | 19_Midnight | 26_Ocean | 30_Cool Grey | **41_Mint Pastel**

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 70% LT
CCT Color temperature:	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.

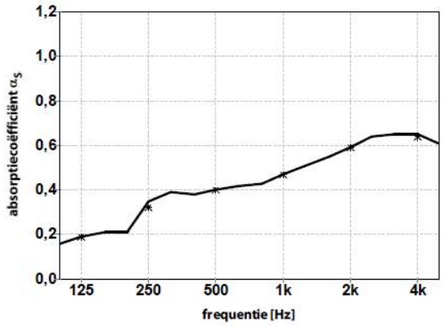
The LED element and acrylic diffusor, will reflect the sound

Calculated acoustic surface area: 6,28 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



	0,16	0,21	0,38	0,43	0,55	0,65
1/3 oct.	0,19	0,35	0,40	0,47	0,59	0,65
	0,21	0,39	0,42	0,51	0,64	0,61
1/1 oct.	**0,19**	**0,32**	**0,40**	**0,47**	**0,59**	**0,64**

Halo acoustic

Material:

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

Fixture:

3 black metal wires with adjustable griplock

Acoustic properties:

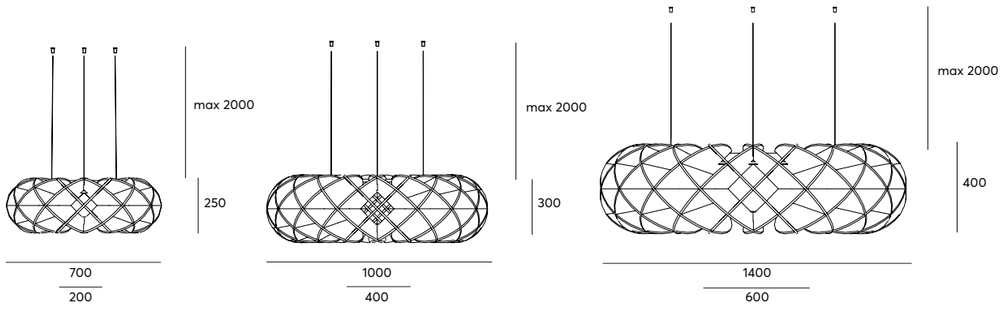
High acoustic absorption value of aw 0,45

Diffusion due to the 'waffle' design

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

Mounting: 3x

Measurements:



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 m²

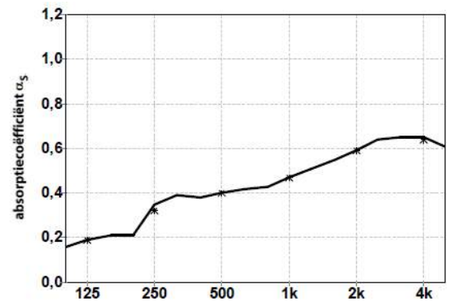
Halo 1000 Calculated acoustic surface area: 3,3 m²

Halo 1400 Calculated acoustic surface area: 6,28 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



	0,16	0,21	0,38	0,43	0,55	0,65
1/3 oct.	0,19	0,35	0,40	0,47	0,59	0,65
	0,21	0,39	0,42	0,51	0,64	0,61
1/1 oct.	**0,19**	**0,32**	**0,40**	**0,47**	**0,59**	**0,64**

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