

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.

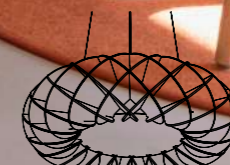
The integrated LED panel, with high light intensity, shines from above into the Halo. A blender at the bottom softens this light, providing a wide down-light spread. Meanwhile, some light remains between the LED panel and the diffuser, allowing Halo to also offer pleasing indirect light through its waffle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



Halo light 700



Halo light 1000



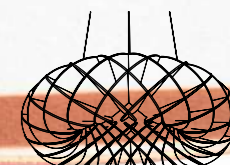
Halo light 1400



Halo acoustic 700



Halo acoustic 1000



Halo acoustic 1400



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

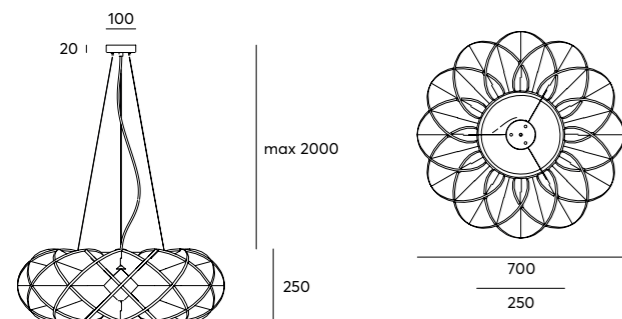
Lighting properties:

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 by design

Dimensions:



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

Mounting:



Colors:



Light source specifications:

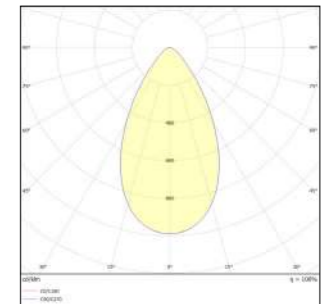
Based on calculations of Halo in colour 26_Ocean | 3000K | Trailing edge



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

Photometrics:

Lumen intensity distribution



Acoustic specifications:

The acoustic design principle.

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

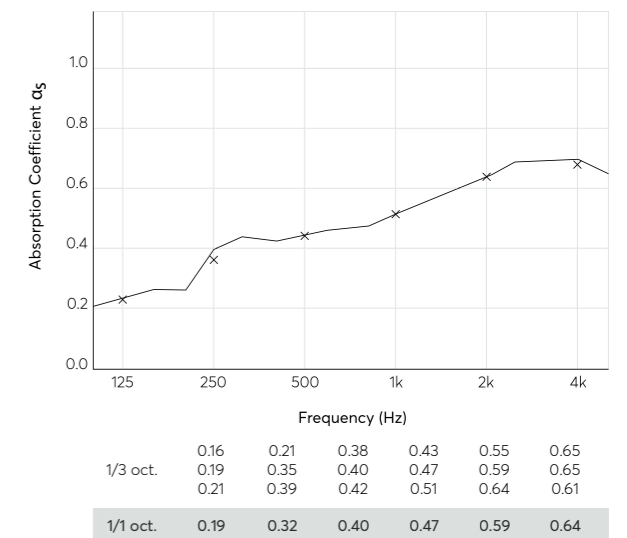
The LED element and acrylic diffuser, will reflect the sound

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











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

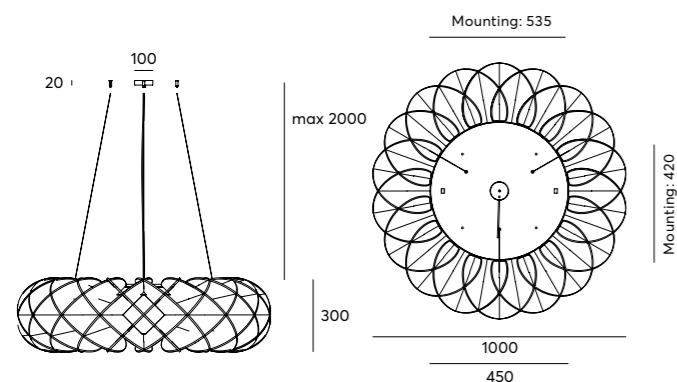
Lighting properties:

 Integrated LED 36W 3560lm	 Dimmable Trailing edge (RC) DALI
 2700 3000K 4000K TW 2700-6500K	 IP20

Acoustic properties:

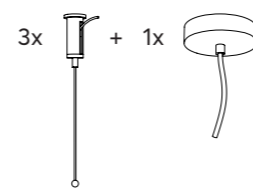
 3,3 m ² of acoustic absorption material of aw 0,45
 Diffusion by design

Dimensions:



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

Mounting:



Colors:



Light source specifications:

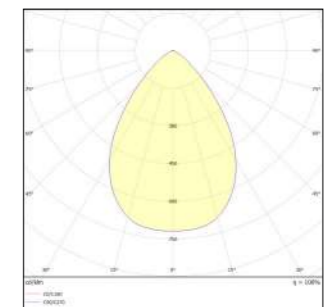
Based on calculations of Halo in colour 26_Ocean | 3000K | Trailing edge



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

Photometrics:

Lumen intensity distribution



Acoustic specifications:

The acoustic design principle.

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

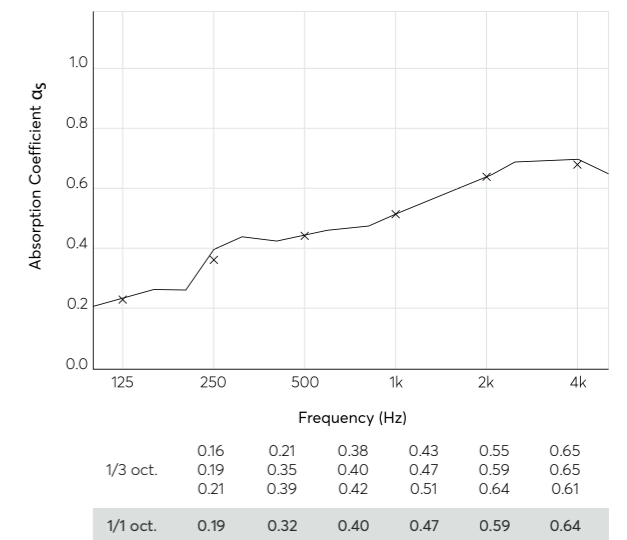
The LED element and acrylic diffuser, will reflect the sound

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











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

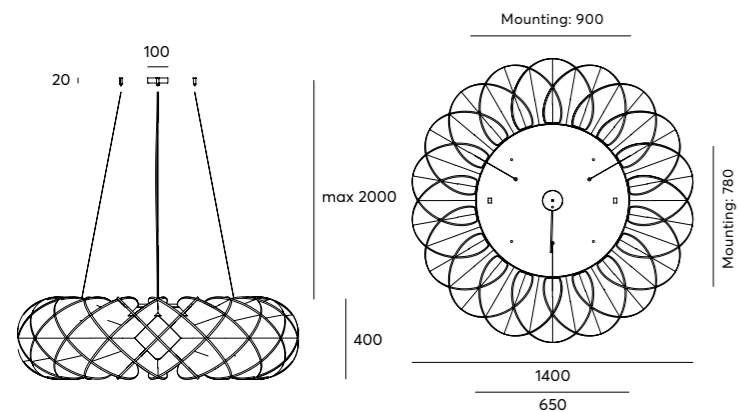
Lighting properties:

 Integrated LED 64W 6870lm	 Dimmable DALI
 CCT 2700K 3000K 4000K	 IP20

Acoustic properties:

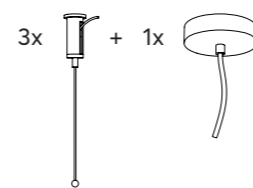
 6,28 m ² of acoustic absorption material of aw 0,45
 Diffusion by design

Dimensions:



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

Mounting:



Colors:



Light source specifications:

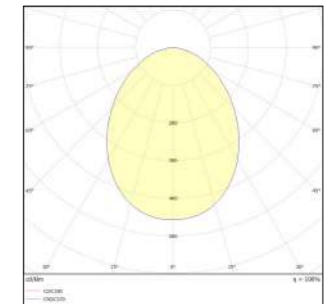
Based on calculations of Halo in colour 26_Ocean | 3000K | DALI



LED power:	64W
Connection voltage:	220-240V AC
Luminous Flux:	4410lm
Life time:	L80/B20 100.000h
Driver:	Included Integrated
Control Dimmable:	DALI Push
Power factor: 2700K/3000K/4000K	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 environment. Due to its open waffle structure, soundwaves will enter the acoustic body and are almost completely absorbed by the repeating acoustic PET Felt slats.

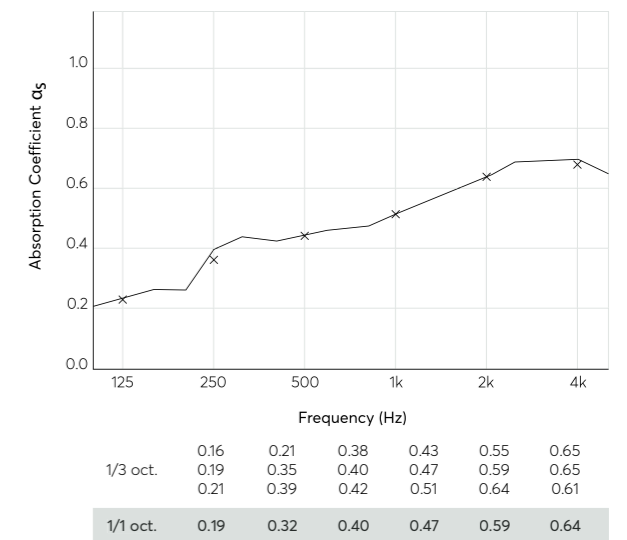
The LED element and acrylic diffuser, will reflect the sound

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







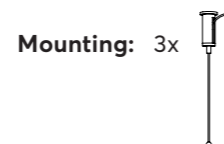
Material:
 PET Felt (polyethylene terephthalate)
 Fireclass: EN13501-1 Class B
 Produced in The Netherlands

Fixture:
 3 black metal wires with adjustable griplock

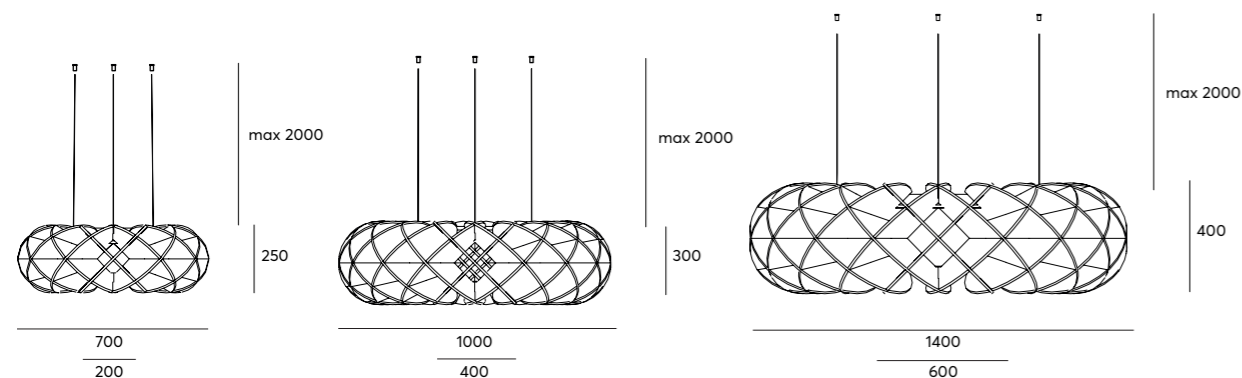
Acoustic properties:

-  High acoustic absorption value of α_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 environment. Due to its open waffle structure, soundwaves will enter the acoustic body and are almost completely absorbed by the repeating acoustic PET Felt slats.

The LED element and acrylic diffusor, will reflect the sound

Halo 700 Calculated acoustic surface area: 1,64 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

