



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

Fixture:
2m black textile cable
Black ceiling cap with 2m steel wire and adjustable griplock
Inside: Ghost white PET Felt

Lighting properties:

Integrated LED
17W | 880lm

Dimmable
Trailing edge (RC) | DALI

CCT 3000K | 4000K

IP20

Acoustic properties:

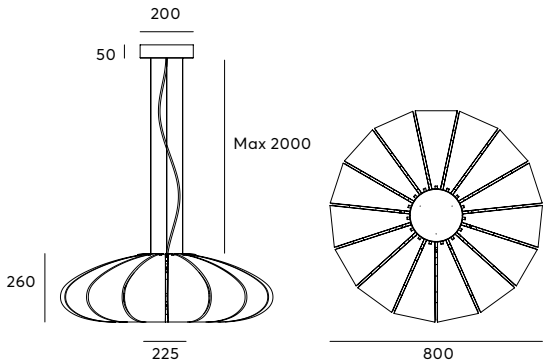
1,07 m² of acoustic absorption
material of aw 0,45

Diffusion

Dimensions:

Total weight gross | net: 8,1 | 6,8kg
Parcel size 810x810x350mm

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:

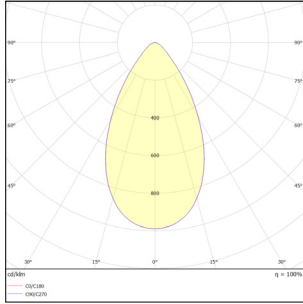
Based on calculations of Orbit in colour 26_Ocean | 3000K | Trailing edge



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:	3000K 4000K
CRI:	Ra >80
UGR:	<22
Operating temperature:	-20 ~ +45

Photometrics:

Lumen intensity distribution



Acoustic specifications:

The acoustic design principle.

Orbit is created to capture sound right at its origin such as in meeting rooms or above conference tables. Its design, incorporating acoustic curved blinds, efficiently absorbs and disperses sound waves, resulting in a more comfortable acoustic environment.

The difuser, will reflect the soundwaves

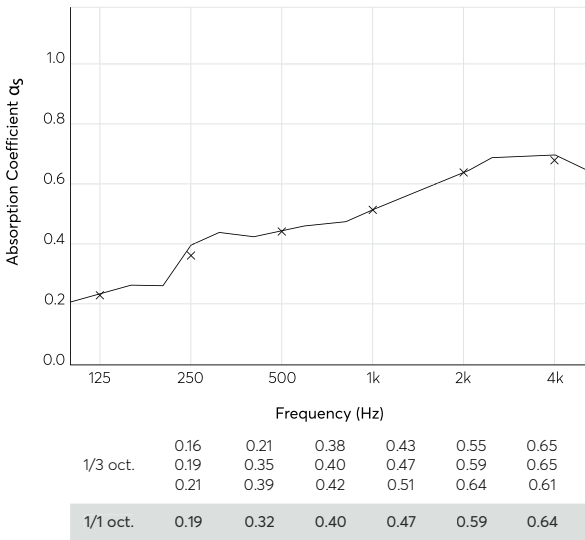
Calculated acoustic surface area: 1,07 m²

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



Orbit 1200



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

Fixture:
2m black textile cable
Black ceiling cap with 2m steel wire and adjustable griplock
Inside: Ghost white PET Felt

Lighting properties:

Integrated LED
36W | 2605lm

Dimmable
Trailing edge (RC) | DALI

CCT 3000K | 4000K

IP20

Acoustic properties:

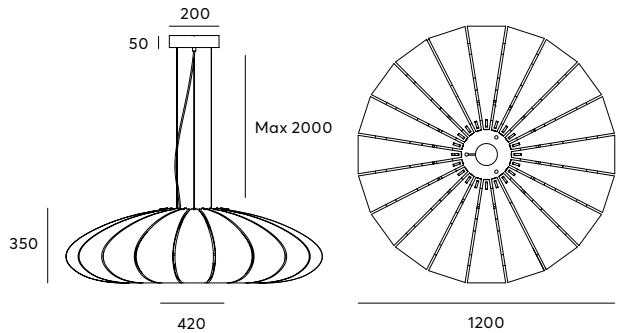
2,35 m² of acoustic absorption
material of α_w 0,45

Diffusion by design

Dimensions:

Total weight gross | net: 11,3 | 9,6kg
Parcel size 1200x1200x400mm

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

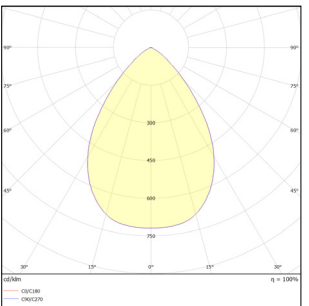
Light source specifications:

Based on calculations of Orbit 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:	3000K 4000K
CRI:	Ra >80
UGR:	<22
Operating temperature:	-20 ~ +45

Photometrics:

Lumen intensity distribution



Acoustic specifications:

The acoustic design principle.

Orbit is created to capture sound right at its origin such as in meeting rooms or above conference tables. Its design, incorporating acoustic curved blinds, efficiently absorbs and disperses sound waves, resulting in a more comfortable acoustic environment.

The difuser, will reflect the soundwaves

Calculated acoustic surface area: 2,35 m²

α_w (ISO 11654) = 0,45

SAA (ASTM - C 423) = 0,45

Measurement of 9mm free hanging PET Felt

sound absorption calculation in a reverberation room

