

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.



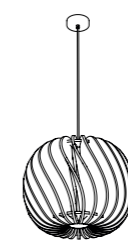
Twist low



Twist mid



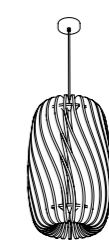
Twist high



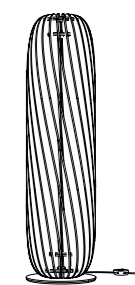
Twist XL low



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

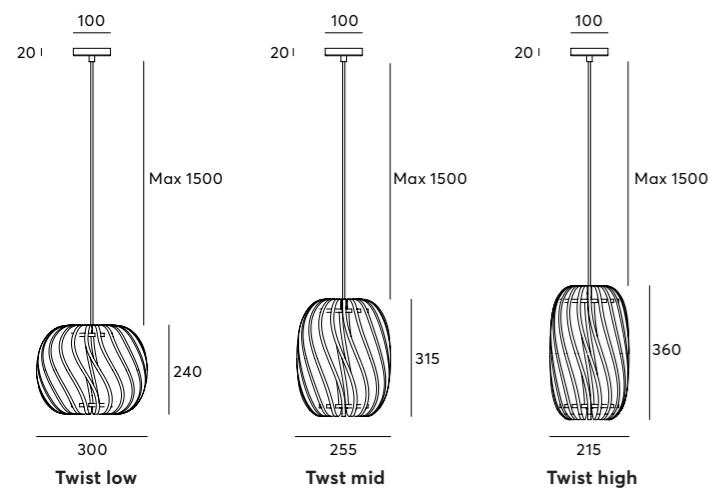
IP20

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:

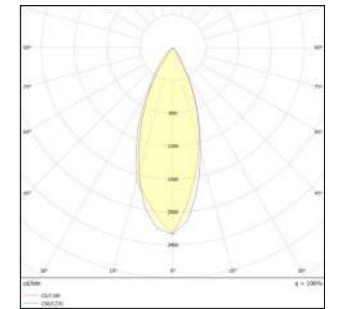


Light source specifications:



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:

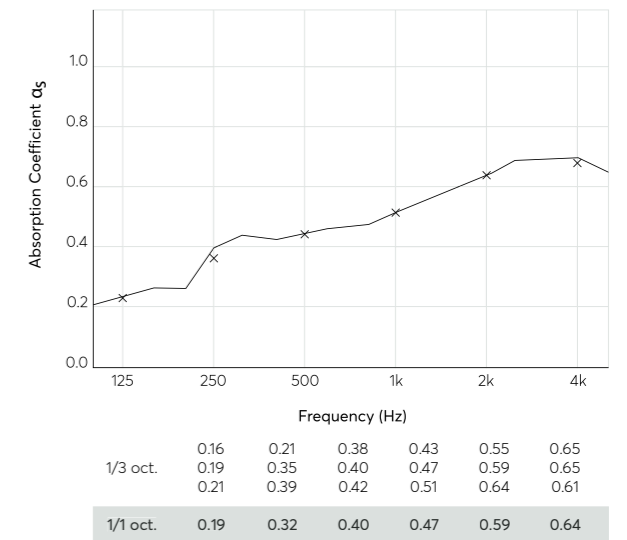
The acoustic design principle.

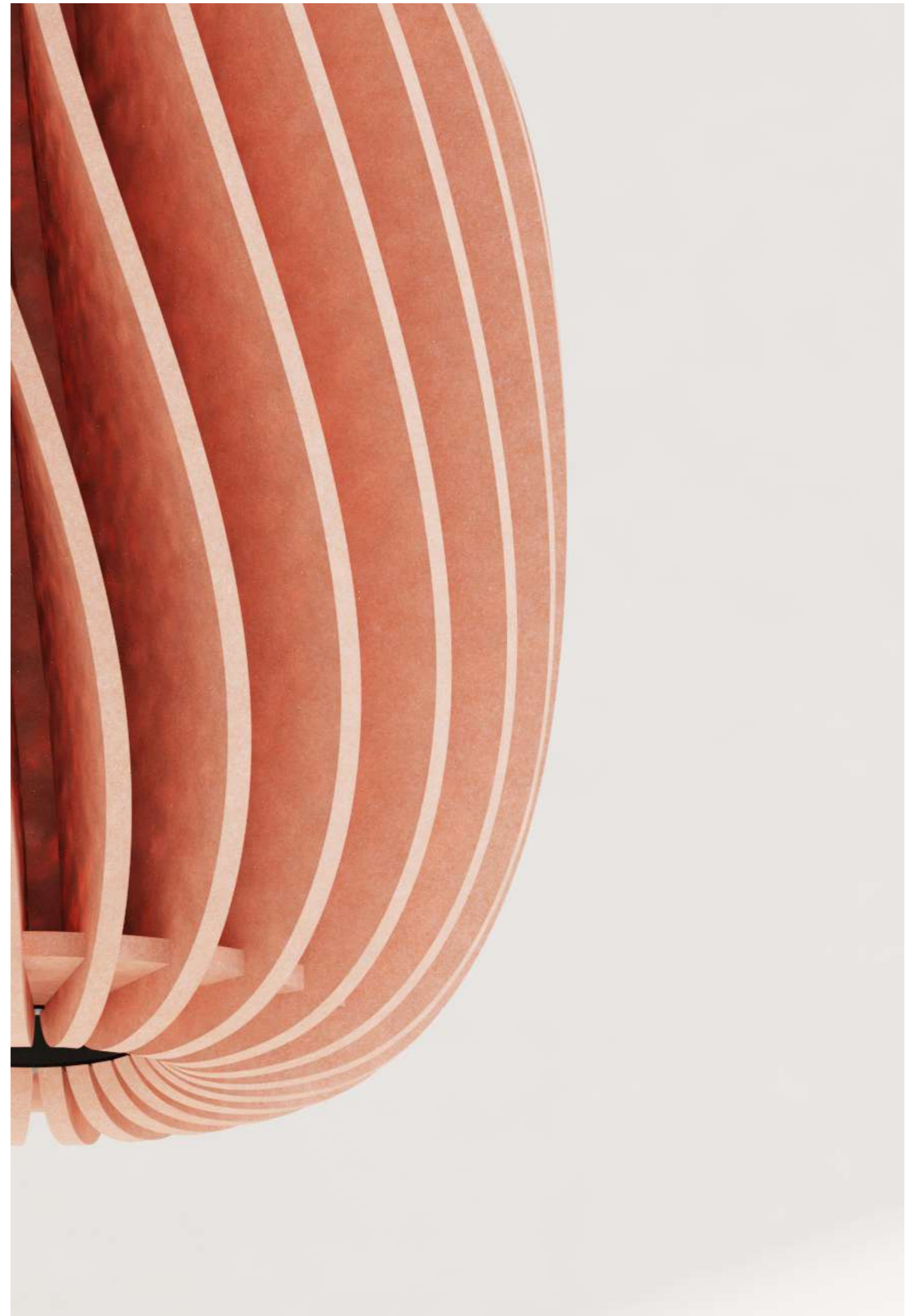
Twist is designed to function as an acoustic spotlight. It can be used individually or combined in various configurations, and even clustered with its larger counterpart, Twist XL. Grouping multiple units increases the sound-absorbing mass, enhancing the overall acoustic impact in the space.

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







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

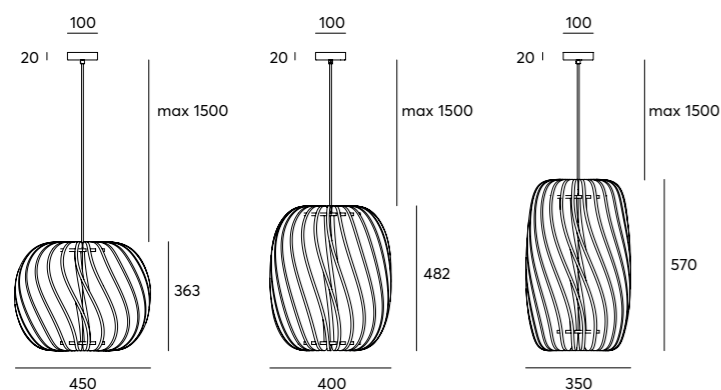
IP20

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:

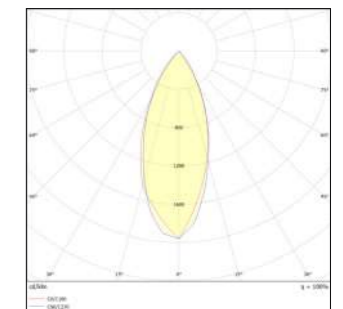


Light source specifications:



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:

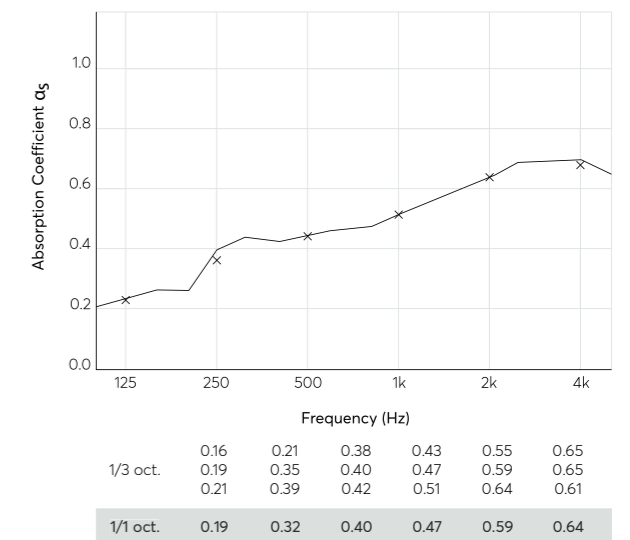
The acoustic design principle

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

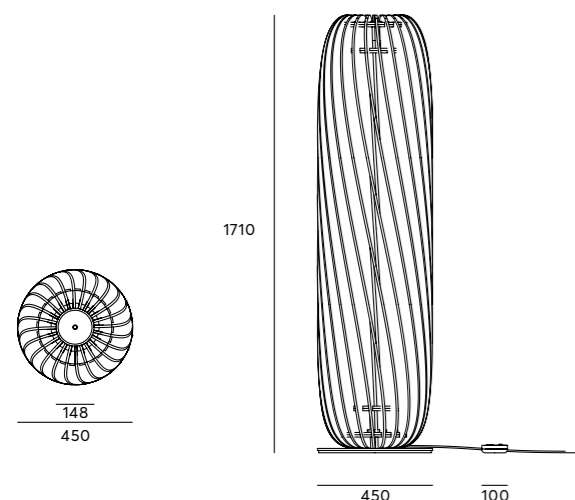
Lighting properties:

Integrated LED 25W 2600lm	Dimmable Floor dimmer included
CCT 3000K 4000K	IP20

Acoustic properties:

5,54 m ² of acoustic absorption material of α_w 0,45
Diffusion by design

Dimensions:



Total weight gross | net: 27,2kg | 25,7kg
Parcel size: 480x480x1750mm
Mounting: Free standing with Europlug

Colors:

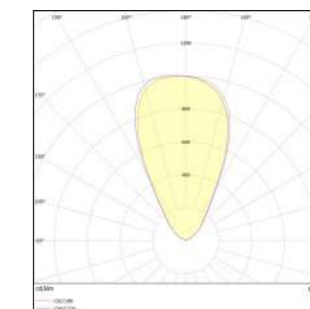


Light source specifications:



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



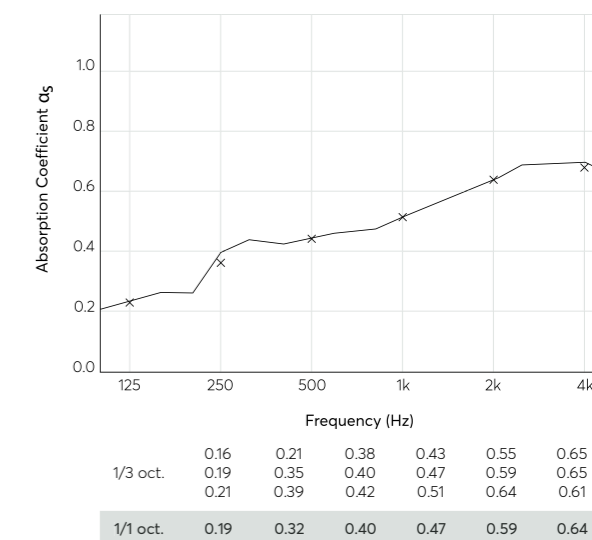
Acoustic specifications:

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



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