

## aKupolo | Convex

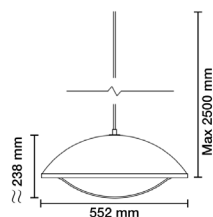
aKupolo | Convex - a fully configurable, circular, dome shaped, LED based , acoustic pendant luminaire. Available diameters: 550mm, 750mm, 950mm and 1150mm. Dome shaped Convex Light Guide, available in multiple etch-designs. Acoustic dome is made of recycled PET felt with excellent acoustic & fire properties. Choice of felt colours. Ring profile supplied in multiple colours & finishes.



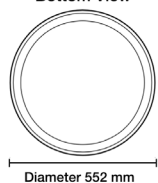
## Dimensions

aKupolo | Convex 550

Side View

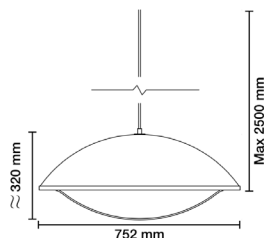


Bottom View

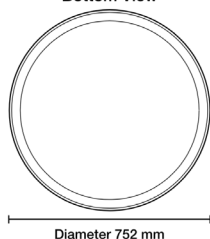


aKupolo | Convex 750

Side View

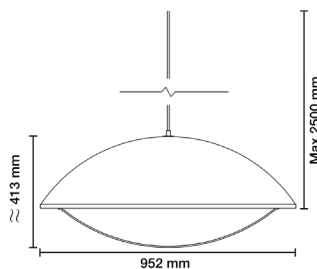


Bottom View

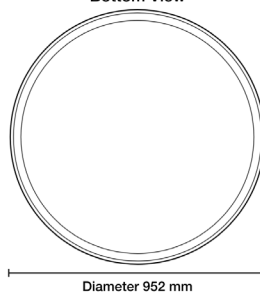


aKupolo | Convex 950

Side View

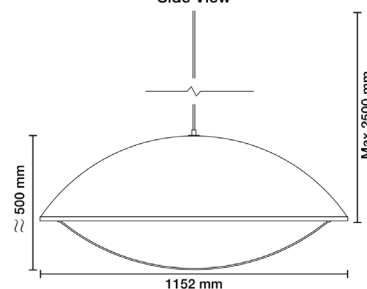


Bottom View

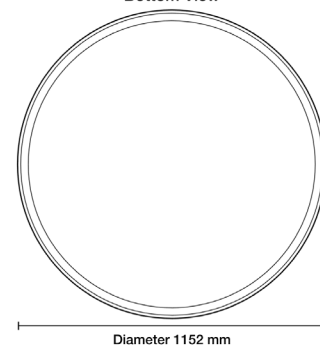


aKupolo | Convex 1150

Side View

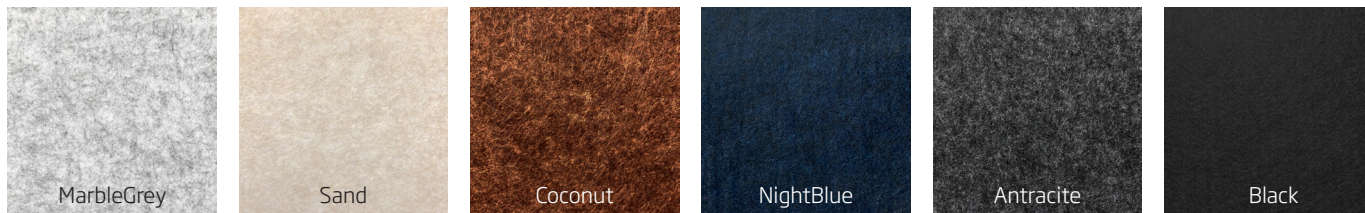


Bottom View



## Design Options

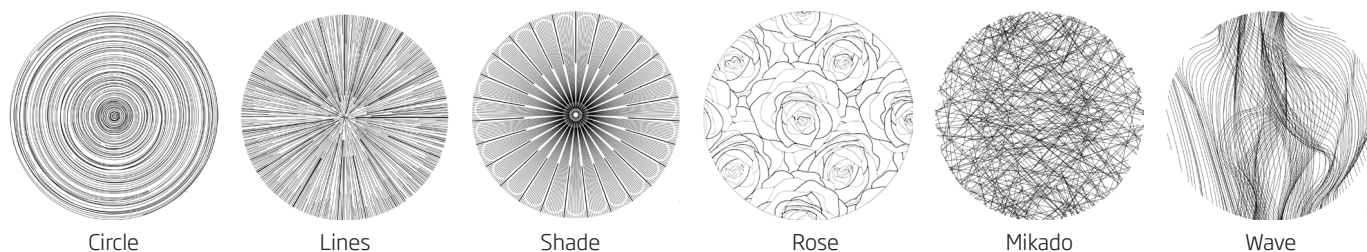
### Dome - felt colours



### Ring colours

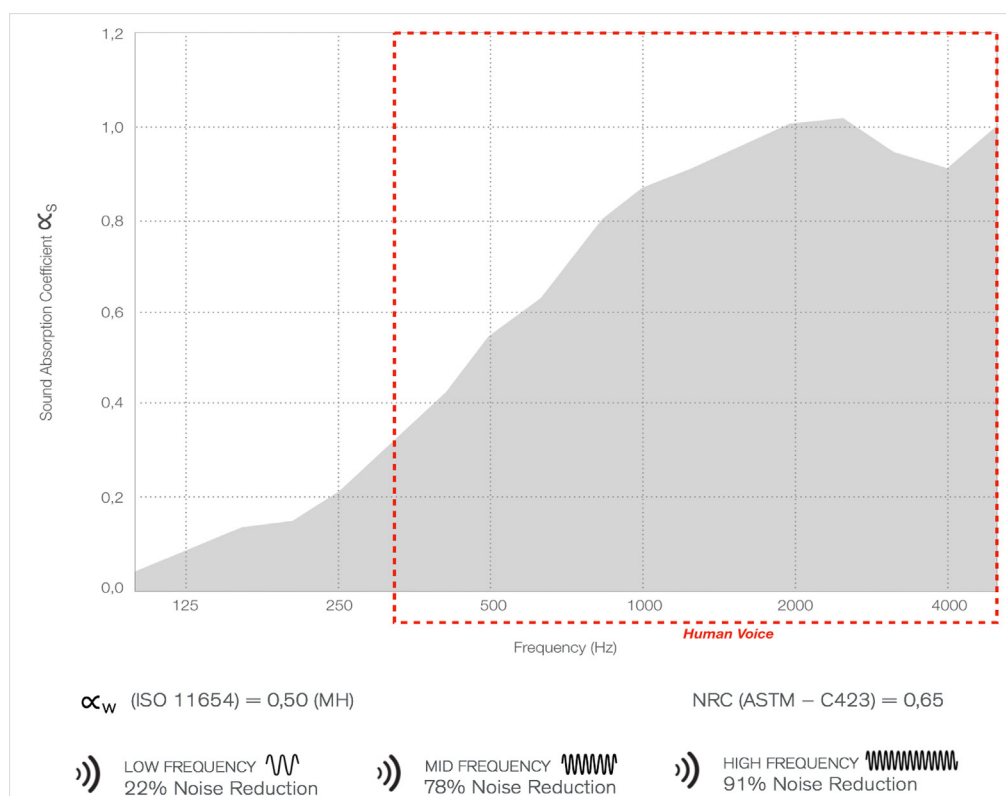


### Etch designs



## Acoustic Performance

aKupolo is designed to excel from an acoustic, as well as a lighting perspective. The outer shell (Dome) is made of recycled PET felt with outstanding acoustic/sound absorbing properties. A dome-shaped high grade acrylic Light Guide - delivers high output flicker-free light. The void between the felt outer shell and the Light Guide enhances aKupolo's acoustic performance to unmatched levels.

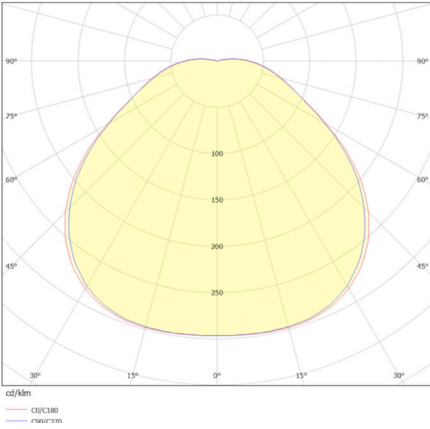


## LED Options

**CCT Standard White** - 2700K, 3000K, 4000K, 5000K, 6500K / **Tunable White** - 2200K to 6500K  
CRI 80 / CRI 90 optional for 2700K, 3000K, 4000K

## Light Performance

Light distribution curve [cd]



aKupolo   Convex		Calculated Flux Luminaire			
CCT		550mm	750mm	950mm	1150mm
White	2700K	5.655lm	7.710lm	9.769lm	11.821lm
	3000K	5.976lm	8.148lm	10.324lm	12.492lm
	4000K	6.426lm	8.762lm	11.101lm	13.433lm
	5000K	6.426lm	8.762lm	11.101lm	13.433lm
	6500K	6.426lm	8.762lm	11.101lm	13.433lm
Tunable White	2200-6500K	9.455lm	12.891lm	16.333lm	19.763lm

Flux varies depending on selected etch-design  
CRI: 80. CRI 90 optional for 2700K, 3000K, 4000K  
Standby power: 0,5W  
Rated median useful life 100.000h L80 at 25C  
Colour tolerance: MacAdam 3

## Control

For dimming and colour control, aKupolo is equipped with an integrated proprietary Dali 2 LED driver (type DT6 or DT8). A full range of fixed and wireless control options is available. Panels can be controlled by a Wireless Wall Switch, Casambi Wireless Mobile App with or without an optional Wireless Wall Switch, or by a Dali-bus. Supports daylight, motion sensors etc. IOT and HCL ready.

## Prooporties

Acoustic pendant luminaire using 9mm fire rated recycled PET felt to form an accoustic dome. Acoustic performance enhanced by a careful designed void between the felt dome and the Light Guide. Light Guide produced from 6mm high-grade satin acrylic.  
Precisely CNC milled high-grade aluminium ring profile for optimal heat-sink and finest finish.  
48V flicker-free high performance LED-system with integrated Dali LED driver and connected power lead.