

# Eclipse

Shades filtering and sound-absorbing



**SCREENLINE**  
the screen makes the difference

# Eclipse

## Shades filtering and sound absorbing

**ECLIPSE** is a new range of motorized Shades. Eclipse is capable of filtering ambient light and improve the acoustic for the ability to reduce reverberation time.

The main task of new Eclipse is to **reduce brightness** in a workspace or in a video projection room to make the video - projected images clear and readable.

These shades go beyond; the composition of the fabric **improves the acoustic of the room**. Thanks to its **sound-absorbing fabric**, it is able to reduce significantly the reverberation time.

This feature creates acoustic comfort in the room that improves listening and consequently speech and intelligibility.



## Turnkey project and acoustic design

To develop the project, realized in collaboration with a **sound engineer**, it's enough to provide the

size of the room, the description of the elements, furnitures materials and some photographs.

The elaborate will indicate the necessary components to achieve the best obscuring and acoustic performance possible.

Acoustic absorption:  
 $\alpha_w=0,40$  (LA=100mm)

With a 100 mm air blade, the fabric absorbs up to 40% of the reverberation time.



## Minimal design, wall or ceiling installation

Eclipse are characterized **by the essential design**. The shades are perfectly integrated with different style furniture. Perfect in side corporates, museums, retails and residential locations.

In addition to the side brackets, is visible only the fabric with a lenght that can vary from 80 to 270 cm (individual module).

The side brackets are available in **three colors**: black, grey, brushed aluminum.

They allow enables fitting in **two different ways**:

- **Wall mounting;**
- **Ceiling mounting** when the bracket is 90° rotated.

## Motor performance:

- **Noisy:** noiseless than 3 dB;
- **Speed:** Eclipse moves at 15 cm/s
- Equipped with **slow start and slow down** at the end of the run.
- It can coordinate every Eclipse to **synchronize the alignment**.
- Compatible with **Google Home and Alexa** and can be managed by domotic/ smartmode



Available configurations: **Eclipse · single**

**Eclipse · single**  
with wall and ceiling mounting brackets



**Standard fall: front**  
On request: back fall

**Motor**



Front fall



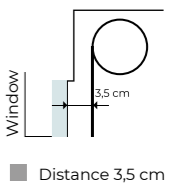
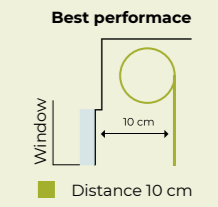
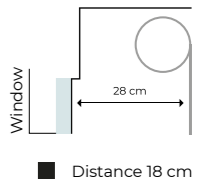
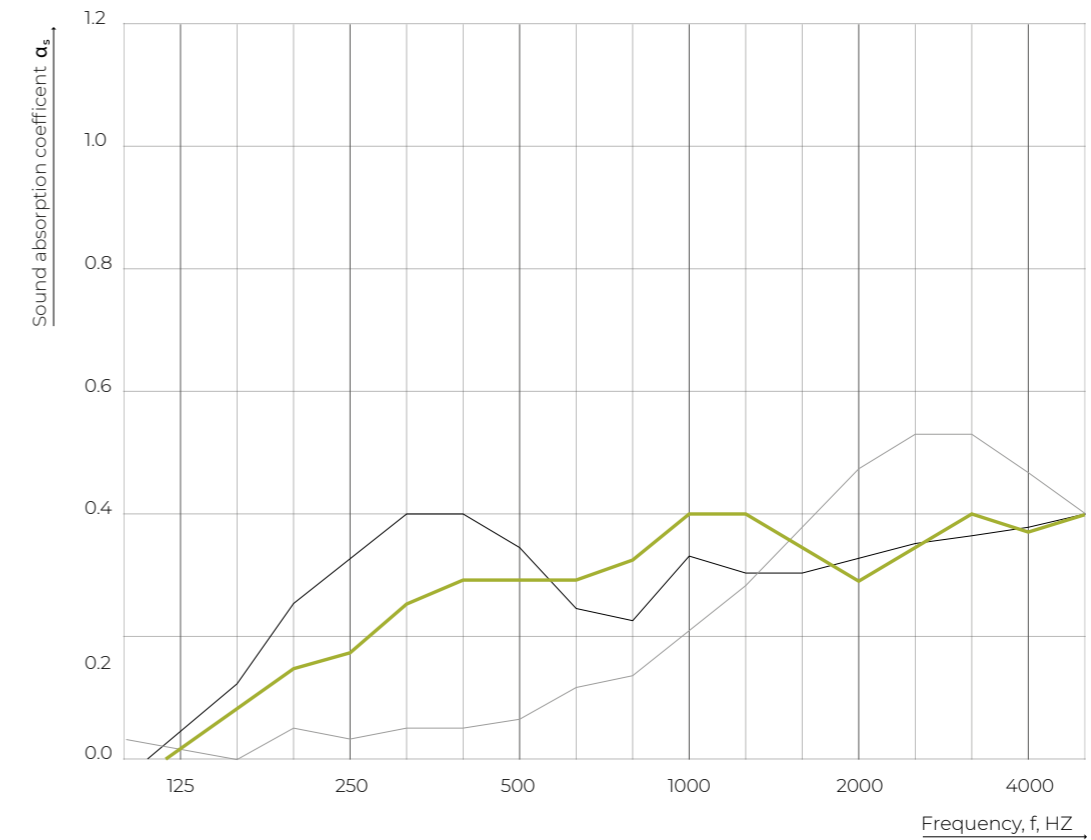
Back fall



Motor installed on right or left side

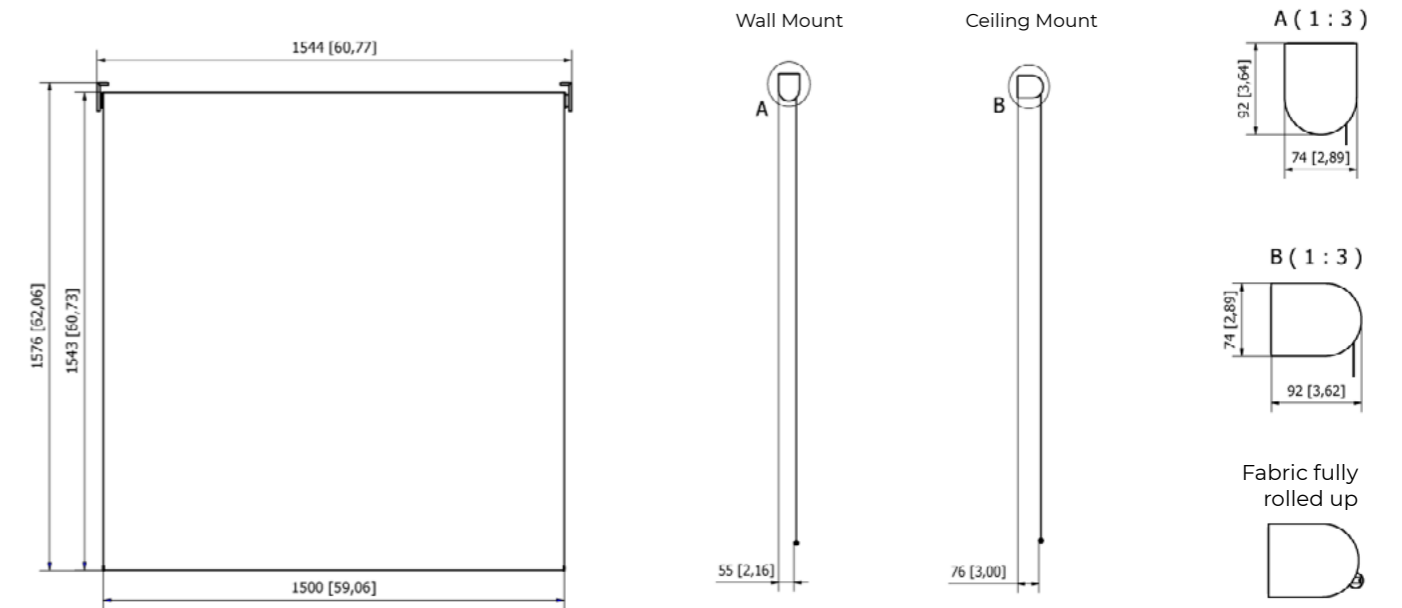
**Eclipse · single**

Measurement of sound absorption in a reverberation room



**Eclipse · single**

Technical drawing



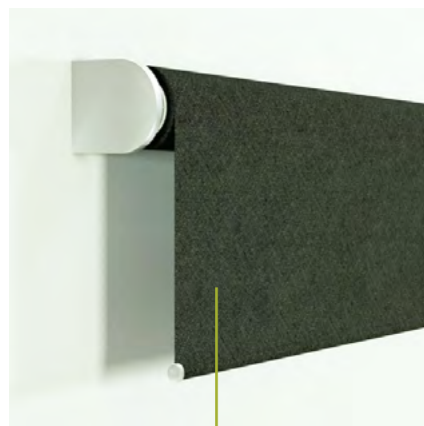
Available configurations: **Eclipse · double**

**Eclipse · double (with junction)**  
with wall or ceiling mounting brackets



**Standard fall: front**  
On request: back fall

**Motor**



Front fall



Back fall

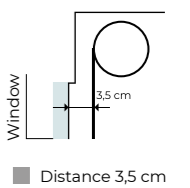
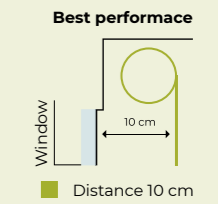
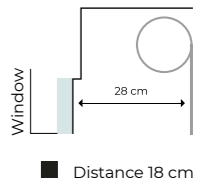
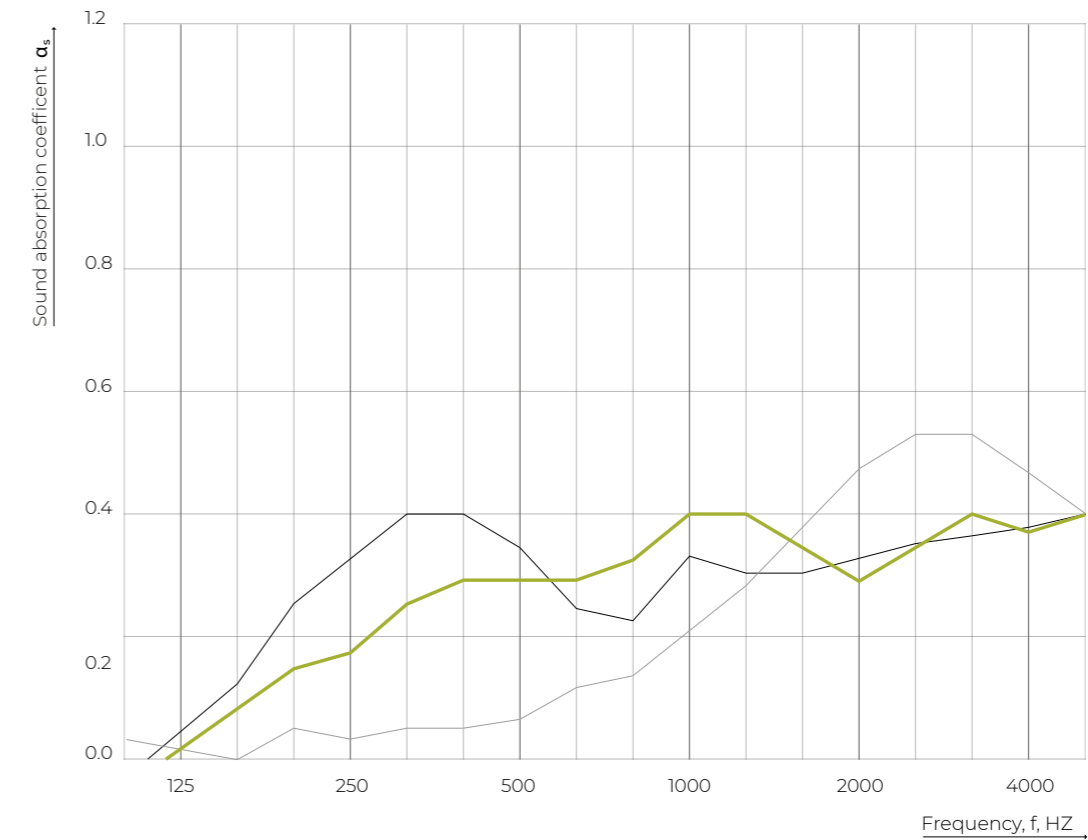


Motor installed on right or left side

**Eclipse · double**

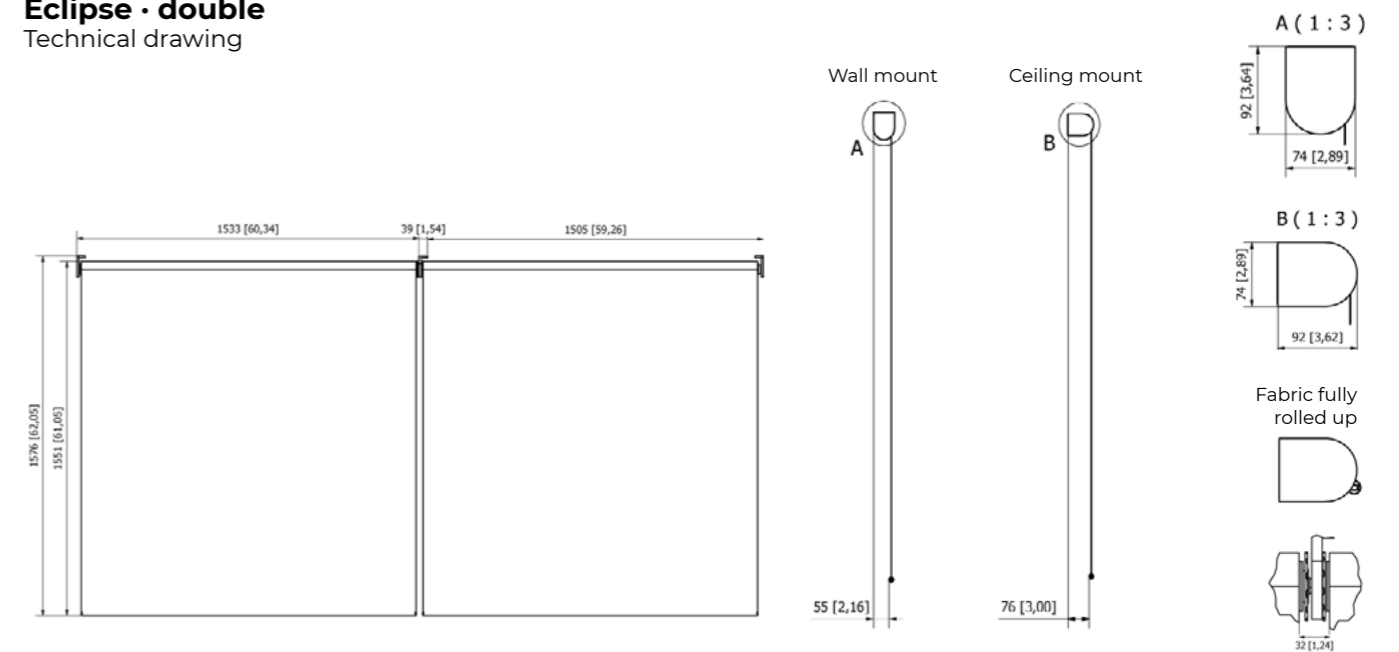
Measurement of sound absorption in a reverberation room

Comparison of different results depending on the distance from the window.



**Eclipse · double**

Technical drawing



Available configurations: **Eclipse · twins**

**Eclipse · twins**  
with ceiling brackets



**Different types of drop**



Front fall



Back fall

**Motor**

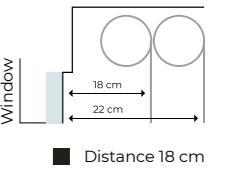
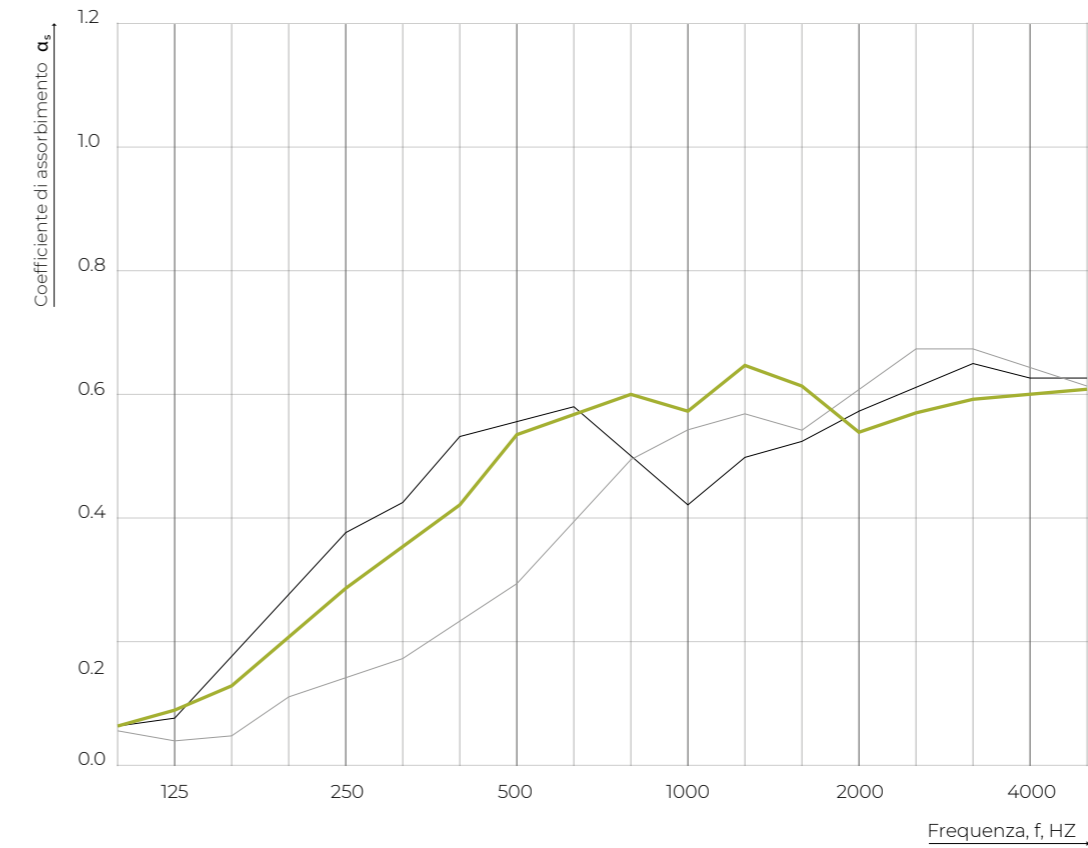


Motor installed on right or left side

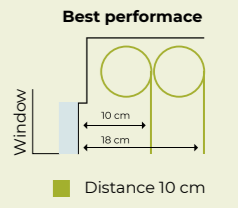
**Eclipse · twins**

Measurement of sound absorption in a reverberation room

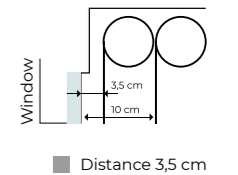
Comparison of different results depending on the distance from the window.



Distance 18 cm



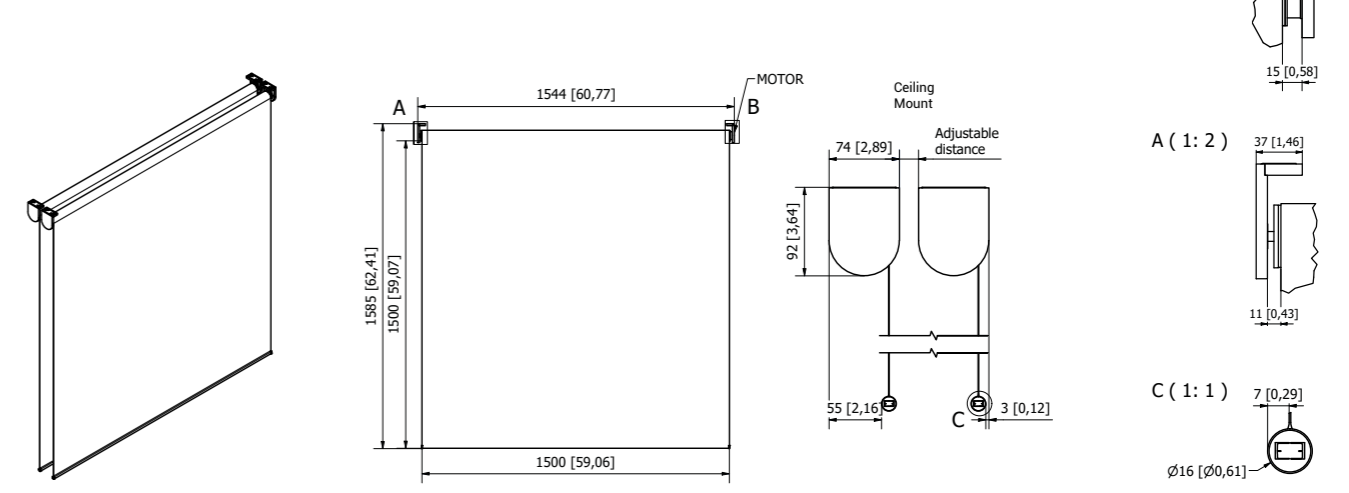
Distance 10 cm



Distance 3,5 cm

**Eclipse · twins**

Technical drawing

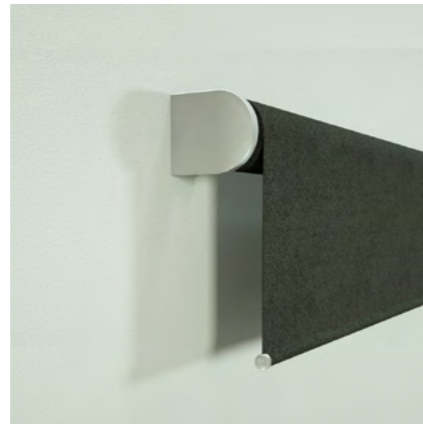


High customization

**Customized side brackets**



Grey




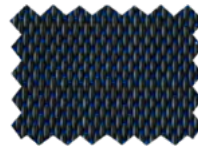

Brushed aluminium



Black

**Nuance:**

Three available Nuance  
Additional colors on request

	Solar transmission	Solar reflection	Solar absorption	Visible light transmission	Internal solar factor
 Carrara	8%	55%	37%	0,31%	0,15%
 Cobalto	4%	11%	87%	0,51%	0,28%
 Carbone	4%	9%	85%	0,51%	0,28%

**Spare accessories**

Eclipse controls:

RF remote controls are available from 1 to 6 channels.

**1 channel:** It controls a **single Eclipse**.  
Descent, ascent, stop.

**6 channels:** It controls **up to 6 Eclipse**. Descent, ascent, stop.  
Intermediate positions via **Slider Touch**.



Smart home module:

**Hub all-in-one** to manage smart Eclipse and any other smart home device

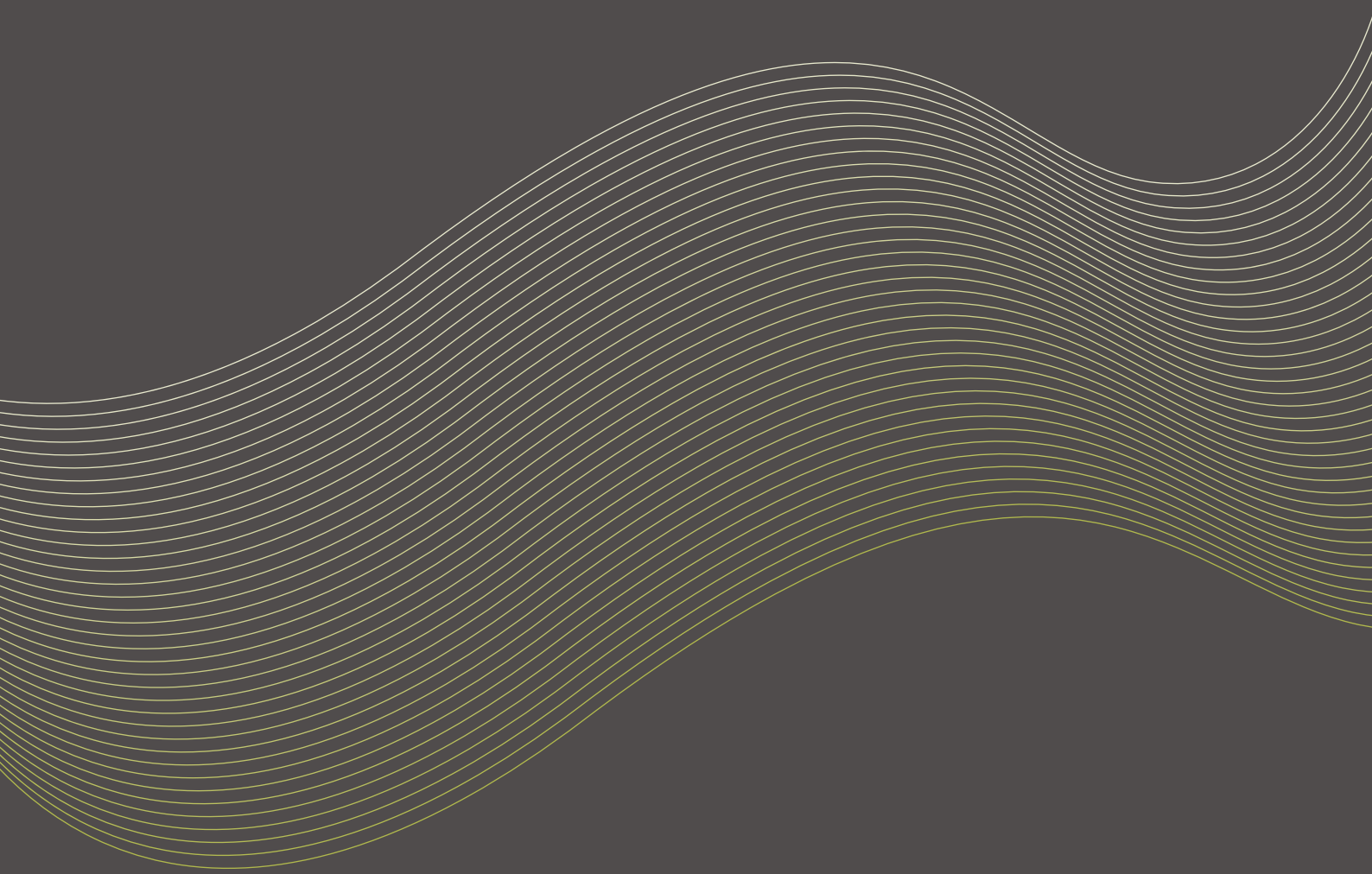
Compatible with **over 3000 third-party devices**, including:



Modul wall plate:

Module for wall plate, controls up to 4 Eclipse/4 channels.






# SCREENLINE

the screen makes the difference

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