

## TECHNOLOGY

# Circular Material Innovation

We transform selected recycled materials into reliable raw materials for new product manufacturing.

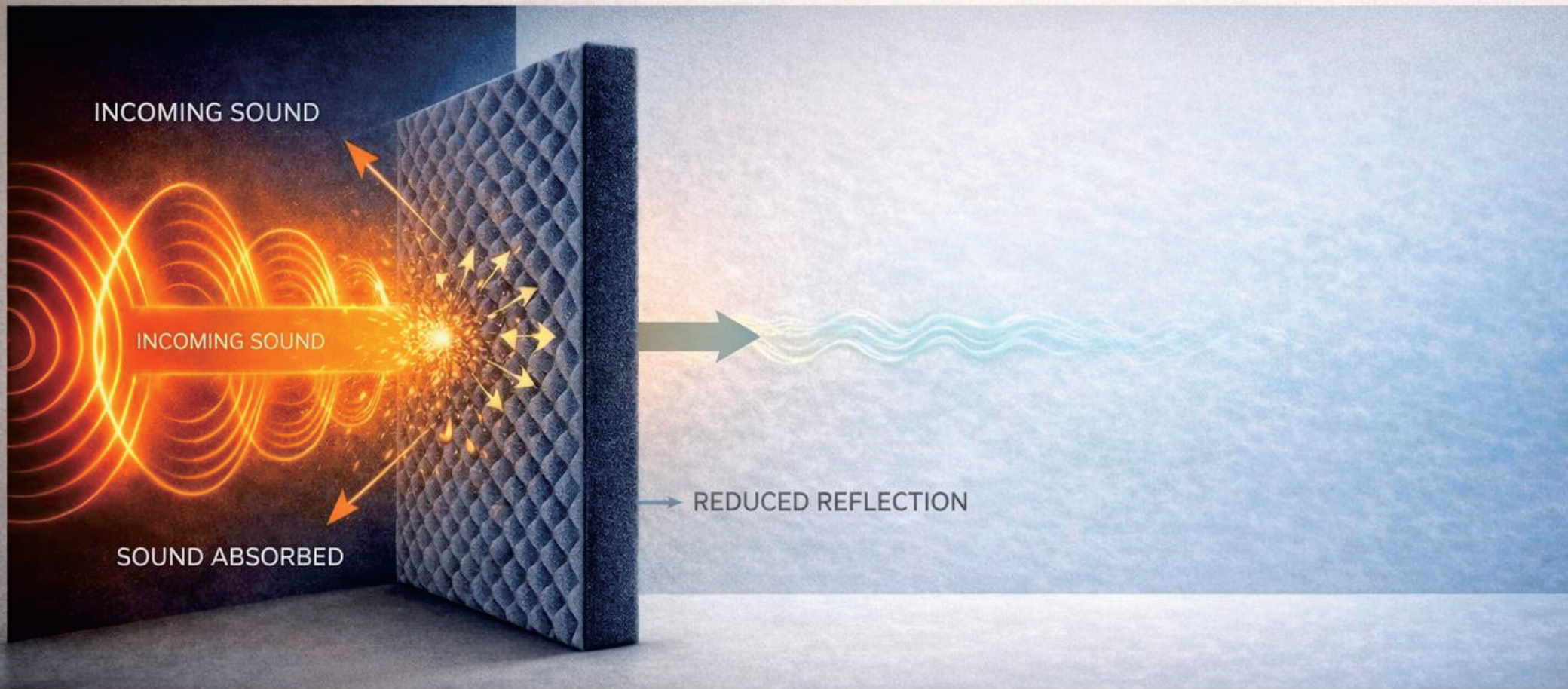
Our process combines material recovery, controlled processing and quality inspection to ensure stable performance and consistent quality.

By reducing the use of virgin resources and extending material value, we support a cleaner, more efficient and circular production model.

Designed for responsible manufacturing, our material innovation helps brands move toward lower-waste and more sustainable products.







## WHY ACOUSTICS MATTER

- Clear speech intelligibility
- Reduced reverberation time
- Improved spatial comfort
- Enhanced listening experience

## TECHNOLOGY

### ENGINEERED PET ACOUSTIC SOLUTION

Engineered polyester fiber (PET) acoustic panels are designed to absorb excessive sound energy and reduce unwanted reflections. Through optimized material structure and strategic placement, acoustic comfort is significantly improved while maintaining architectural aesthetics.



# PRODUCT PERFORMANCE & FEATURES

Engineered for Sustainable Acoustic Applications

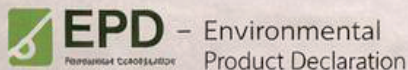
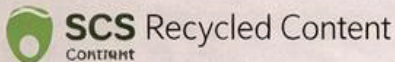
## Material Composition

- ✓ 100% Polyester Fiber
- ✓ 75% Post-Consumer Recycled Content

## Fire Performance

- ✓ ASTM E84 • Class A (US)
- ✓ EN 13501-1 • Class B (EU)

## Certifications



## Product Features

Engineered for breathability, flame resistance, and thermal stability, ensuring consistent performance across diverse environments.

Lightweight construction and modular installation enable efficient handling and fast deployment in professional projects.

Fully recyclable, non-toxic materials reduce environmental impact across the entire product lifecycle.



Zero Emission



Mold Proof



Breathable



Flame Resistance



Flame Resistance



Lightweight



Easy Installation



Sound Absorption



Thermal Insulation



Thermal Insulation



# ECO-CONSCIOUS COMMITMENT

OASISLUX is built upon a legacy of environmental stewardship and accountability.

For us, ecological responsibility is not merely a practice—it's an ethical imperative.

Each year, we systematically elevate our sustainability benchmarks through comprehensive lifecycle assessments of our materials, manufacturing processes, and finished products.

This ongoing evaluation ensures that every aspect of our operation aligns with our commitment to a more sustainable future.



Each square meter of our PET acoustic panels repurposes 85 recycled plastic bottles

We transform post-consumer bottles into high-performance materials, diverting waste from landfills



To accelerate carbon neutrality, we've expanded from bottle recycling to renewable fibers.

Plant-based fibers introduce biodegradable characteristics to our hybrid acoustic panels



**OASISLUX**



## GOOD ACOUSTICS = SHORTER REVERBERATION + HIGHER ABSORPTION

### WHAT IS REVERBERATION?

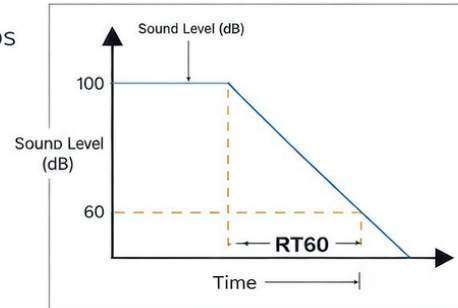
**Sound** continuing after the source stops

→ Too much reverberation = noisy  
& unclear space

#### RT60

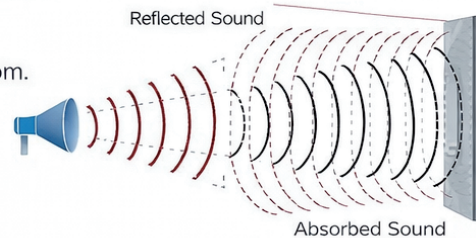
→ Time for sound to decay by **60 dB**

→ **Lower RT60** = better speech clarity



### HOW SOUND ABSORPTION WORKS

Materials **absorb sound energy**  
instead of reflecting it back into the room.



### KEY ACOUSTIC METRICS YOU SHOULD KNOW

#### NRC NOISE REDUCTION COEFFICIENT

Range: **0.0 – 1.0**

→ **Higher = better absorption**

→ Best for flat surfaces (panels, ceilings)

#### $\alpha$ SOUND ABSORPTION COEFFICIENT

**Frequency-specific**

→ Used by acousticians

#### SABIN SABIN

→ Used for **RT60 calculations**

→ Important for 3D objects

#### SAA SOUND ABSORPTION AVERAGE

→ Based on **ASTM C423**

→ More accurate than NRC

Acoustic performance values are based on standardized laboratory testing.

## The **ABC** of Sound Management

Remember just **3 words** to select the right acoustic solution.

Sound can only be **absorbed**, **blocked**, or **covered**.

### A. Absorbing

**Capturing** reflected sound and reducing reverberation

- Reduce echo / noise fatigue
- Enhance clarity and comfort

**Ideal for:** offices, meeting rooms, restaurants



✓ **We statiz in absorption solutions**

### B. Blocking

Preventing sound from passing between areas

- Reduce noise between rooms
- Relies on structure & sealing

**Ideal for:** walls, doors, windows



⚠ **Not our core solution**

### C. Covering Up

Masking noise with “background sound”

- Does not reduce noise, only masks it
- Suited for specific public areas



⚠ **Not a long-term comfort solution**

**Better** spaces start with **sound absorption**.

Our acoustic solutions focus on **absorbing** sound, not masking the problem.





## THE DESIGNER

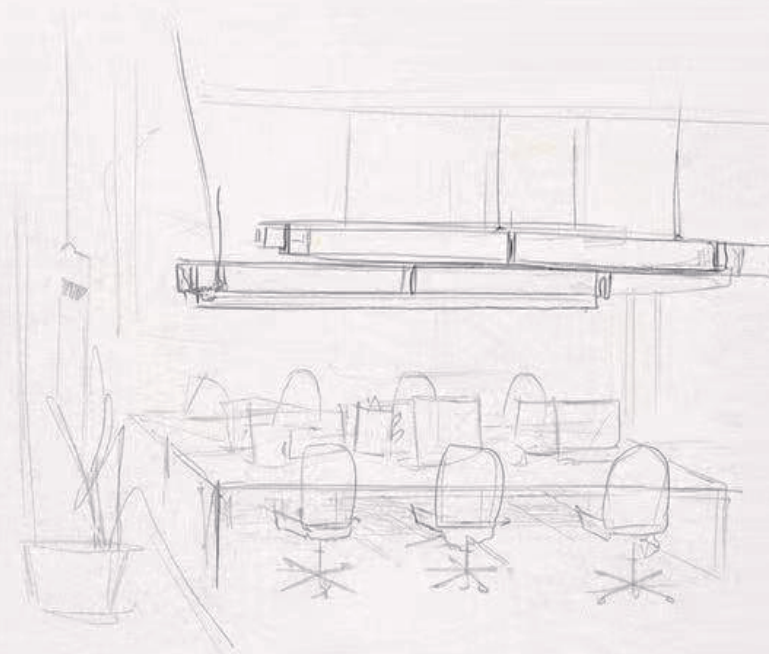
### Nacho Timón

**Nacho Timón** is a Spanish product designer driven by curiosity, material exploration, and spatial thinking. His multidisciplinary studio is based in L'Èliana, near Valencia, a Mediterranean city with a strong design culture.

With over 15 years of experience, he has collaborated with international brands and received awards such as Red Dot, IF Award, and ADCV Gold. Paralela marks his first international collaboration with Ecojas.

## PARALELA + ORI

A modular acoustic system



How can a modular lamp go beyond illumination and become an architectural tool? Paralela explores geometry as a system capable of structuring space with clarity and rhythm.

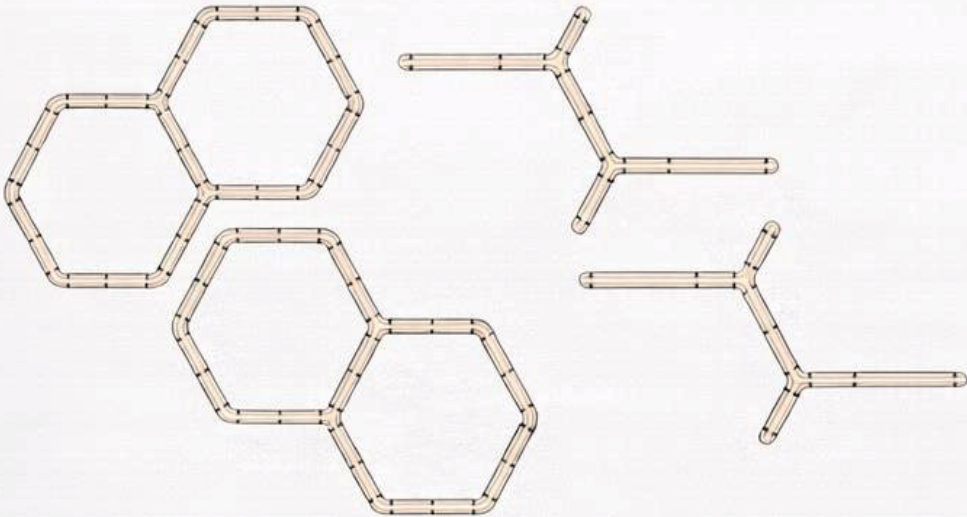
The design is composed of layered planes in dialogue. Outer surfaces remain calm and neutral, while inner planes introduce expressive chromatic accents.

Paralela grows, expands, and adapts. Its modules connect like an infinite language, absorbing sound and bringing order to hospitality, office, and educational spaces.

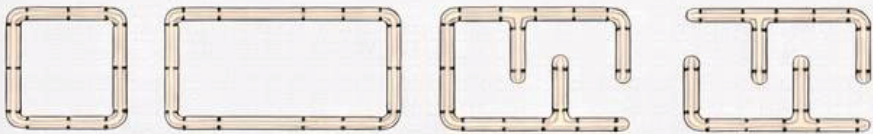


# ACOUSTIC LIGHTING

The combination of our modular acoustic lighting allows for infinite configurations. Here are few examples:



Hexagonal Cluster

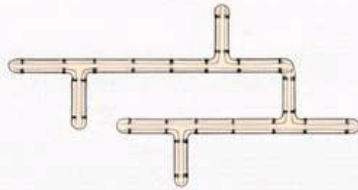


Rectangular Grid

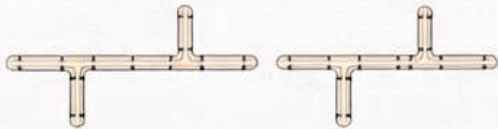
Modular Squares



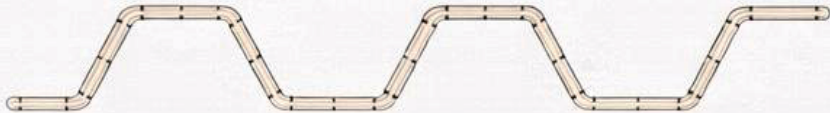
U-Shaped Chains



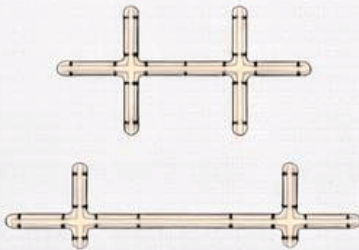
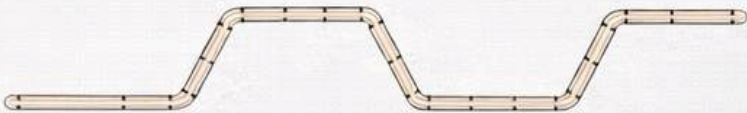
Y-Shaped Chain



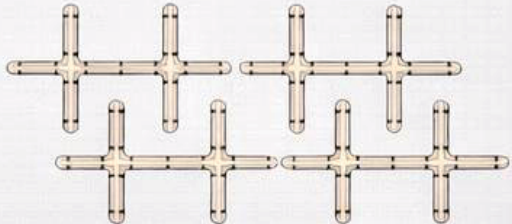
Linear Cluster



Staggered Waves



T-Shaped Network



Cross Grid



BAR





OFFICE













SCHOOL





# LIBRARY

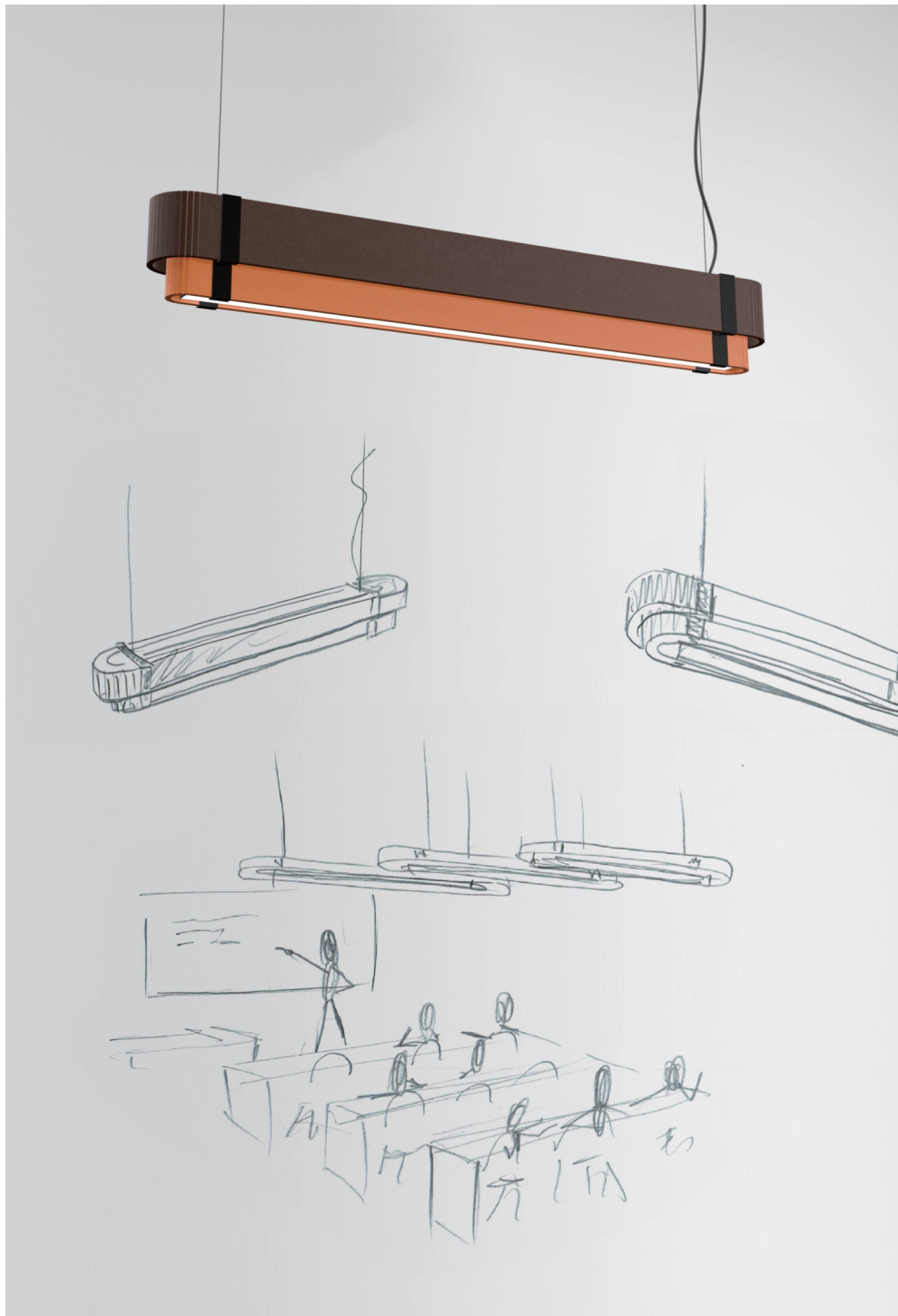




# LIBRARY







# PARALELA

## Module 1

### Specifications

#### Material structure

Steel

#### Material body

Acoustic - 0,55 m<sup>2</sup>

#### Light source

color temperature 3000k/4000k/6500k

Lumens 3000lm

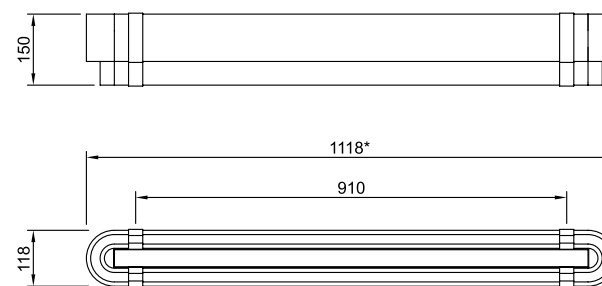
CRI 90

Power 36W

IP 20

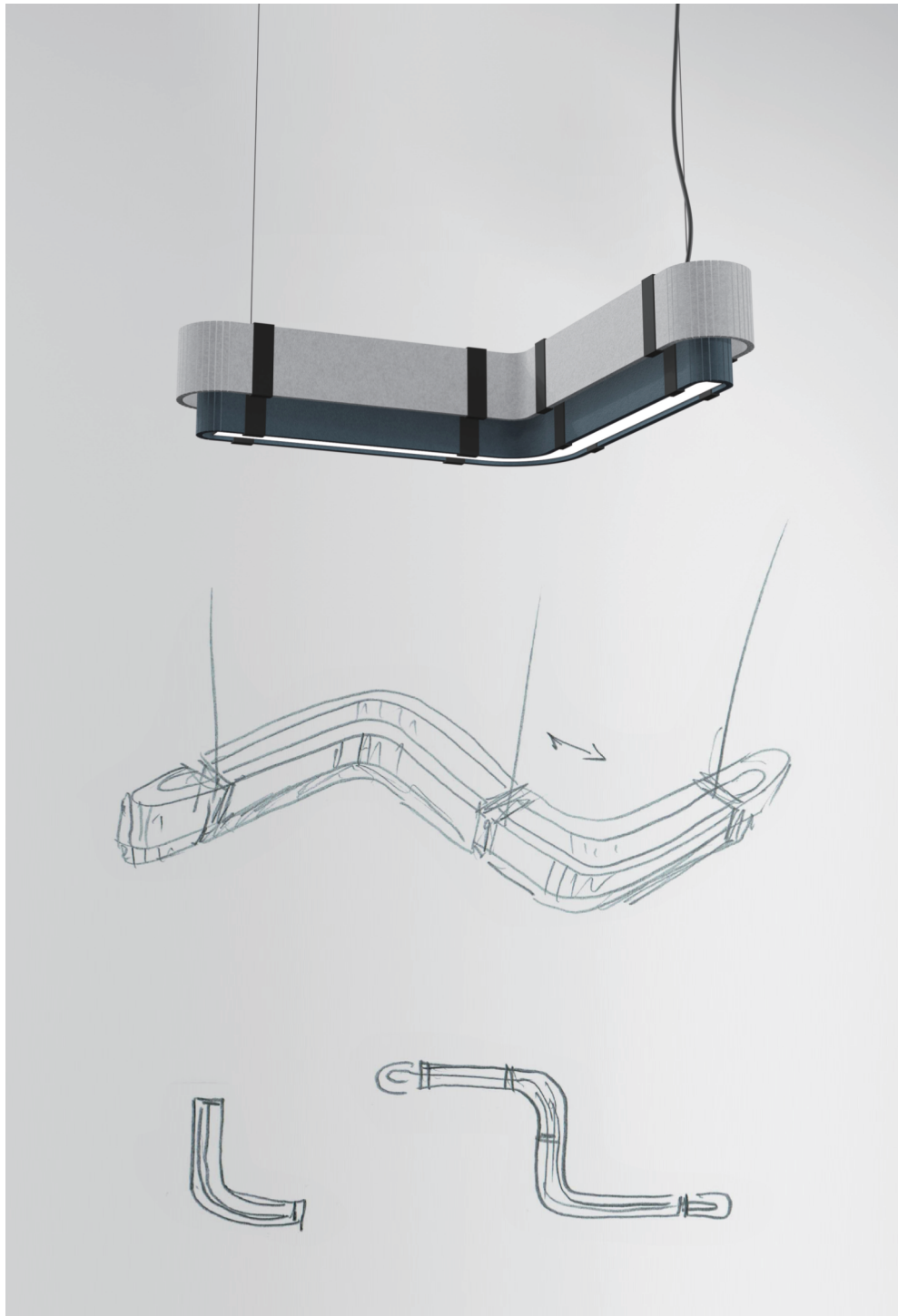
Voltage 120-277V

### Size



\* Total length with the end pieces





# PARALELA

## Module 2

### Specifications

#### Material structure

Steel

#### Material body

Acoustic - 0,53 m<sup>2</sup>

#### Light source

color temperature 3000k/4000k/6500k

Lumens 2900lm

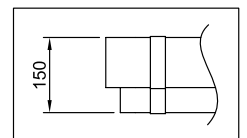
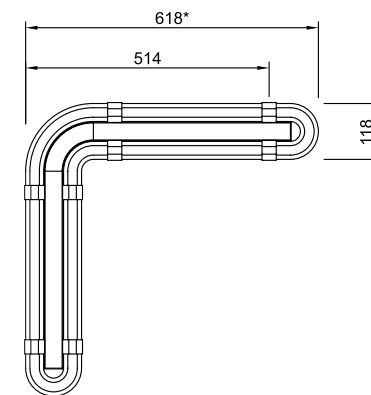
CRI 90

Power 34W

IP 20

Voltage 120-277V

### Size



\* Total length with the end pieces





# PARALELA

## Module 3

### Specifications

#### Material structure

Steel

#### Material body

Acoustic - 0,78 m²

#### Light source

color temperature 3000k/4000k/6500k

Lumens 4500lm

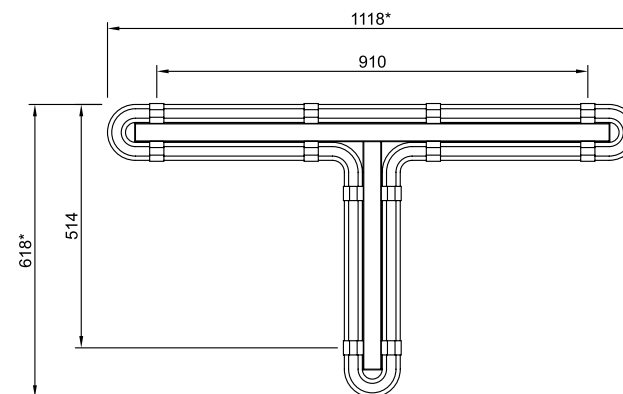
CRI 90

Power 53W

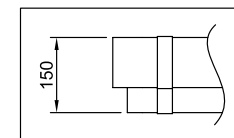
IP 20

Voltage 120-277V

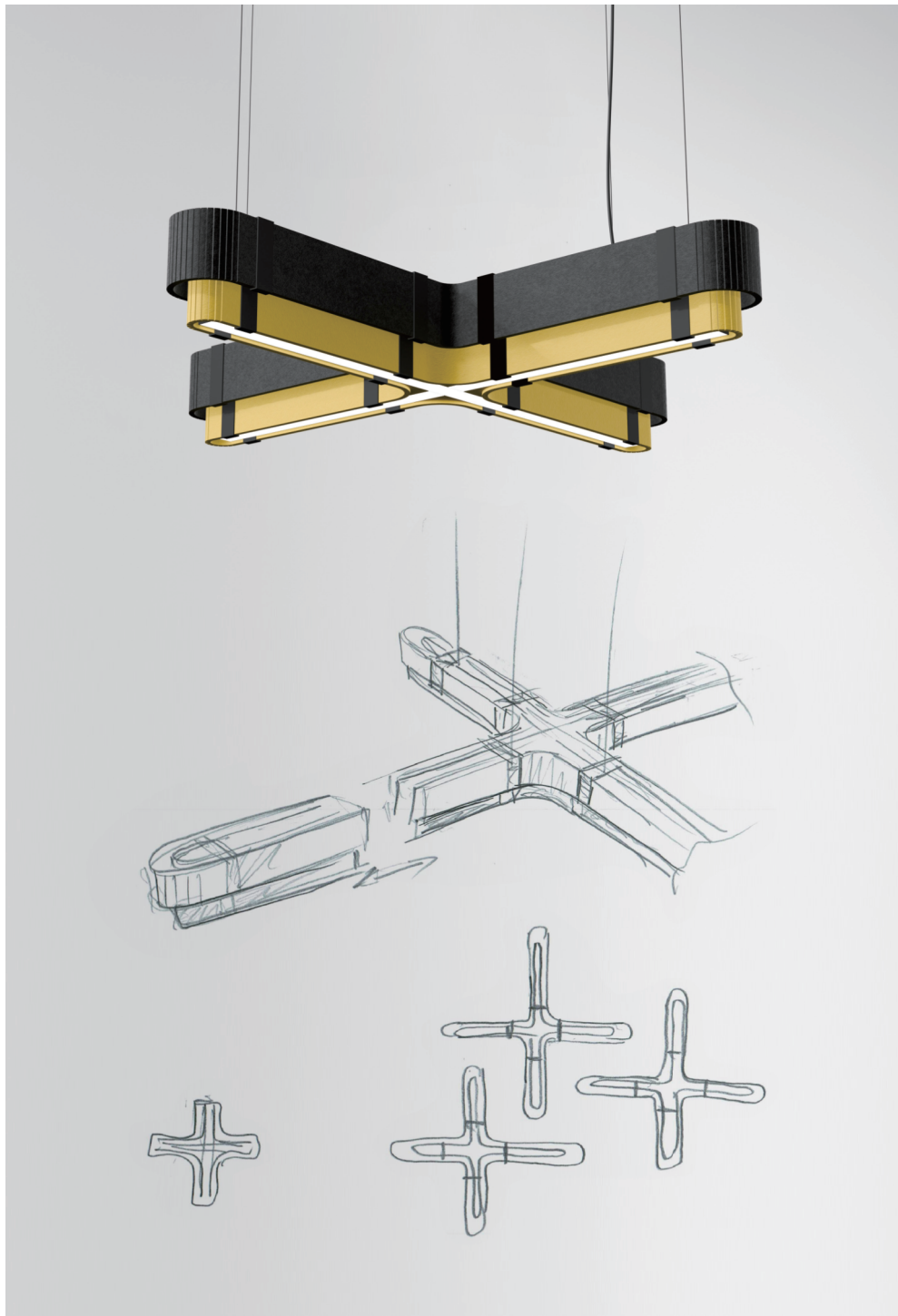
### Size



\* Total length with the end pieces







# PARALELA

## Module 4

### Specifications

#### Material structure

Steel

#### Material body

Acoustic - 1,01 m<sup>2</sup>

#### Light source

color temperature 3000k/4000k/6500k

Lumens 6000lm

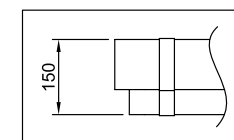
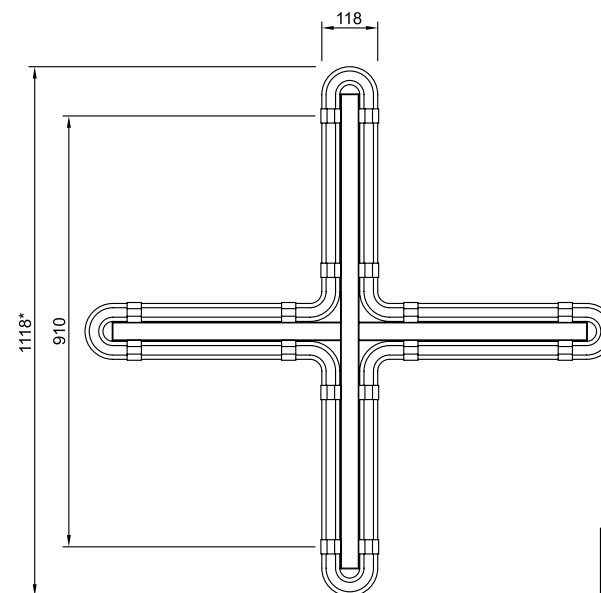
CRI 90

Power 70W

IP 20

Voltage 120-277V

### Size



\* Total length with the end pieces





# PARALELA

## Module 5

### Specifications

#### Material structure

Steel

#### Material body

Acoustic - 0,54 m²

#### Light source

color temperature 3000k/4000k/6500k

Lumens 3000lm

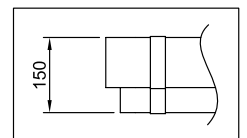
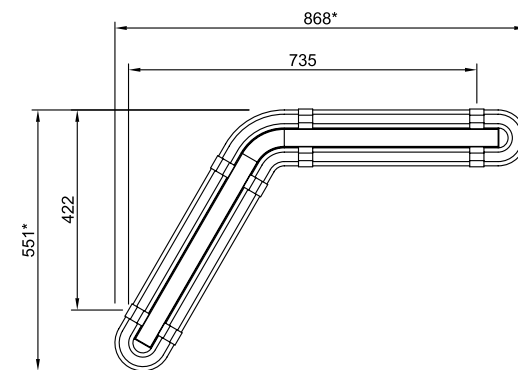
CRI 90

Power 36W

IP 20

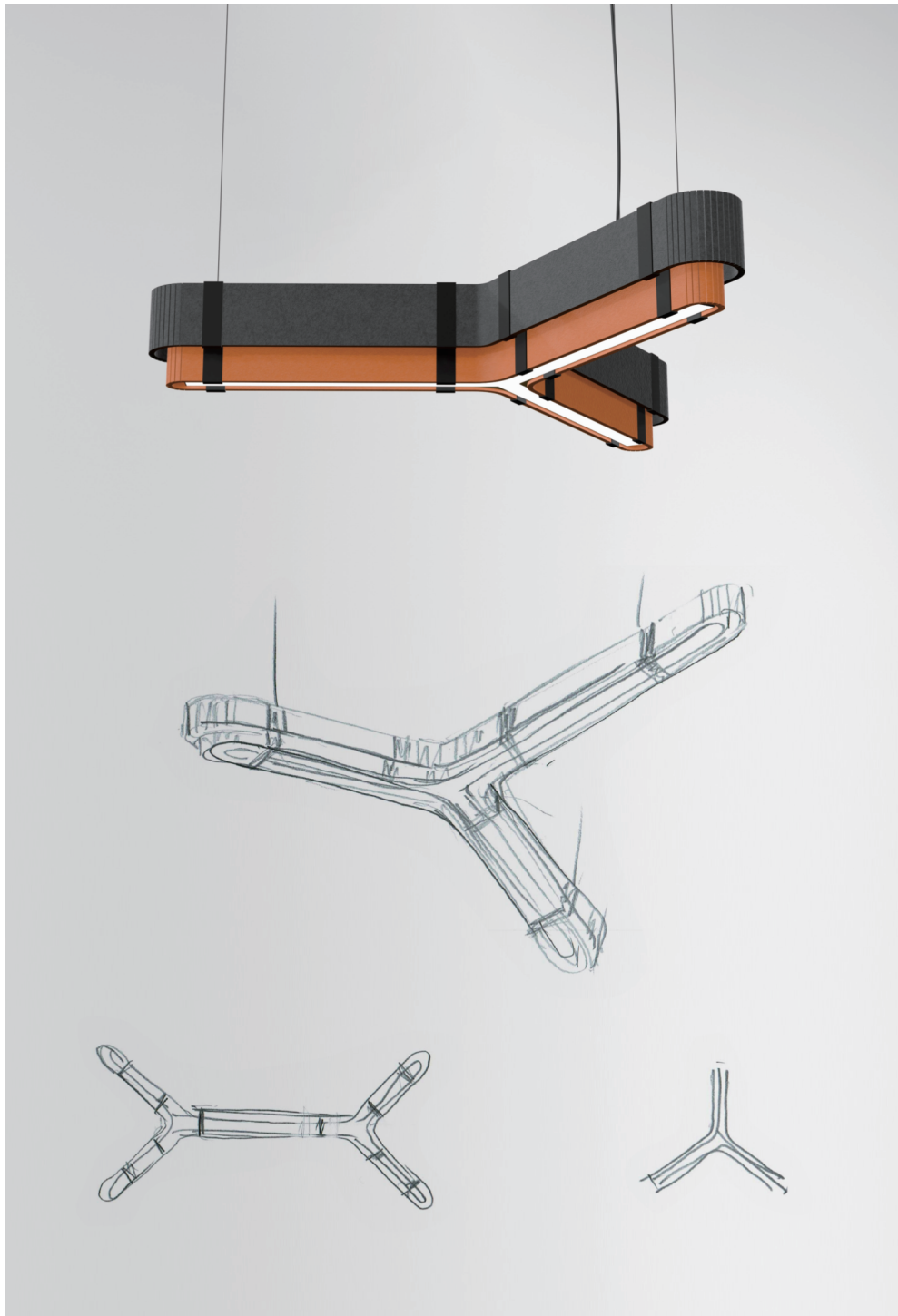
Voltage 120-277V

### Size



\* Total length with the end pieces





# PARALELA

## Module 6

### Specifications

#### Material structure

Steel

#### Material body

Acoustic - 0,79 m<sup>2</sup>

#### Light source

color temperature 3000k/4000k/6500k

Lumens 4500lm

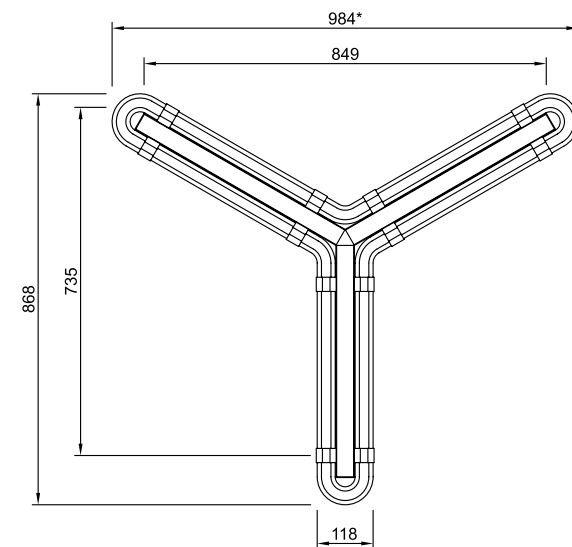
CRI 90

Power 53W

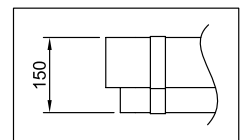
IP 20

Voltage 120-277V

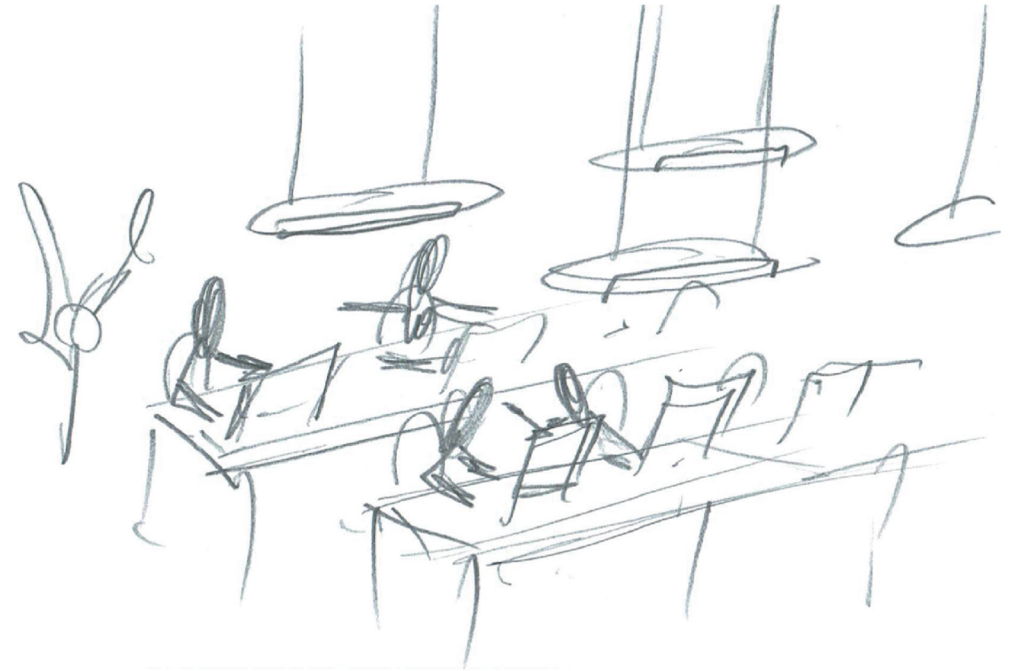
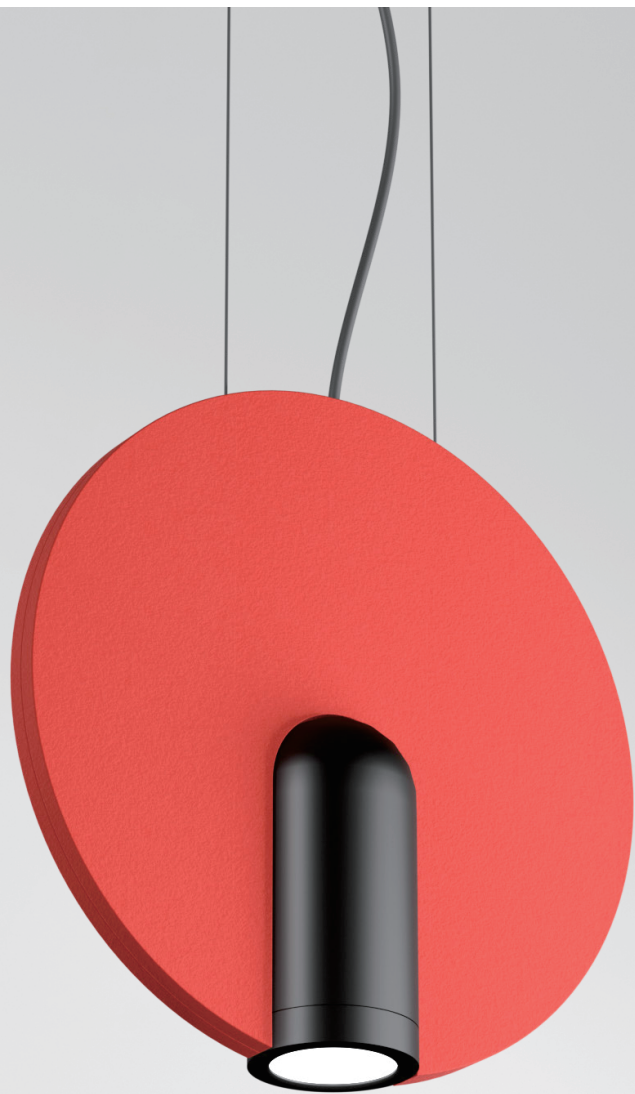
### Size



\* Total length with the end pieces







## ORI

An acoustic collection

Ori is a collection of luminaires that engages with their surroundings. Absorbing sound, balancing the space, and creating identity through soft forms and expressive colours.

Designed with a playful yet functional approach, Ori adapts easily to various spatial contexts:

In its chandelier version, it becomes a suspended sculptural installation that welcomes with shape, colour and silence.

In its ceiling-mounted version, it provides powerful, direct lighting while helping to control reverberation in shared spaces.

The collection includes versions with one or three light sources, as well as a linear option for more uniform and diffused illumination.



# HOTEL HALL





# OFFICE



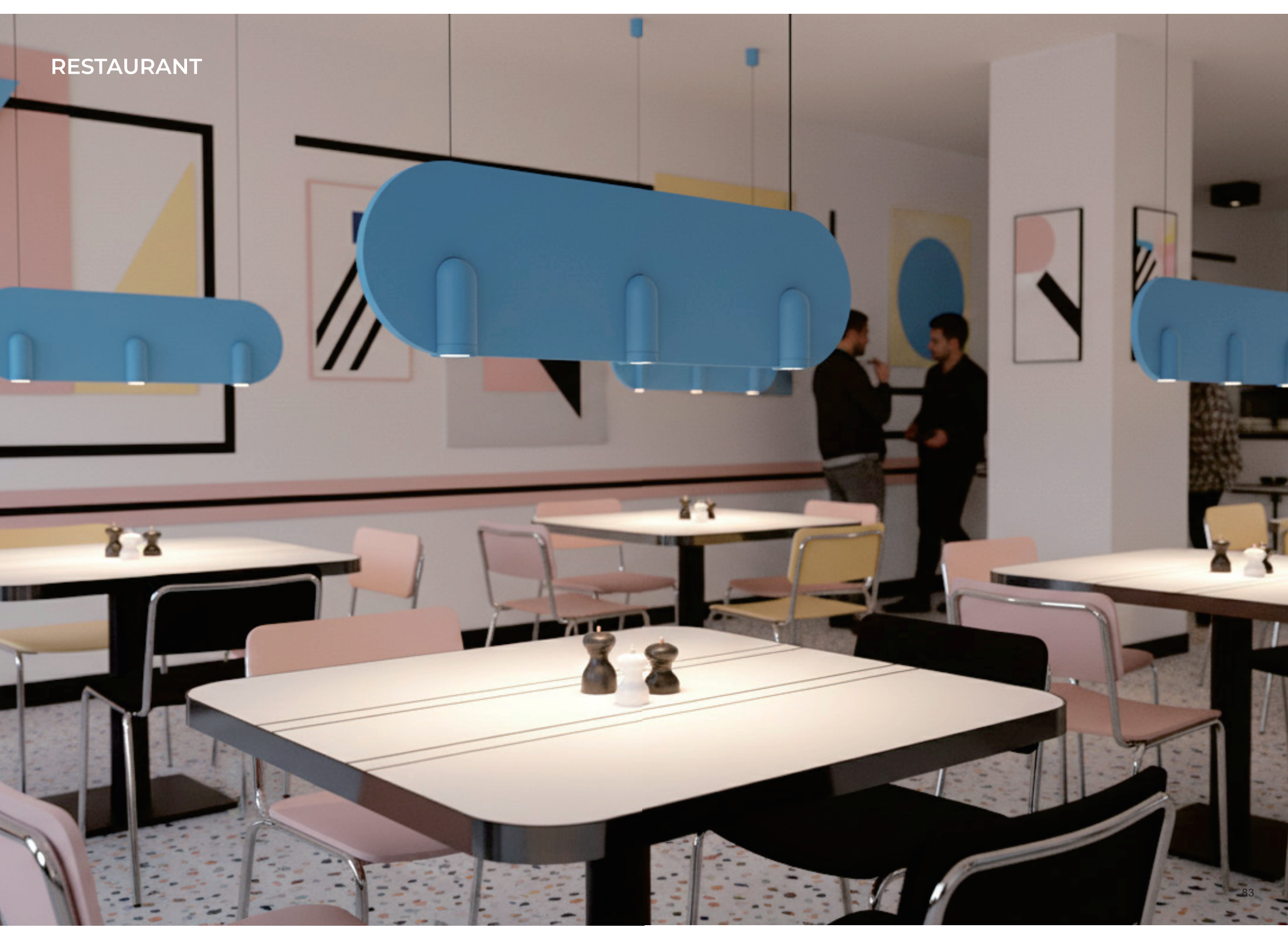


OFFICE





# RESTAURANT





# RESTAURANT









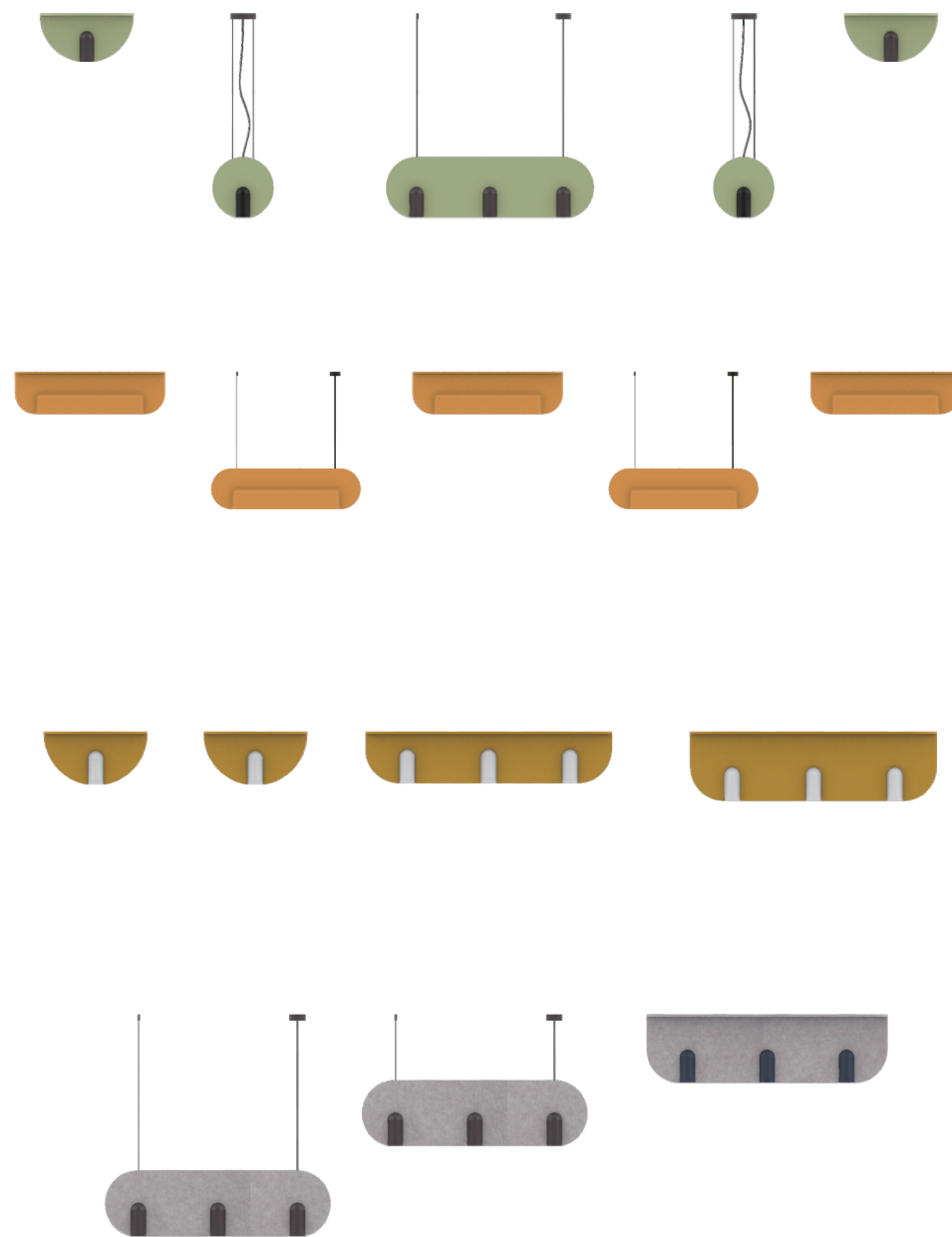
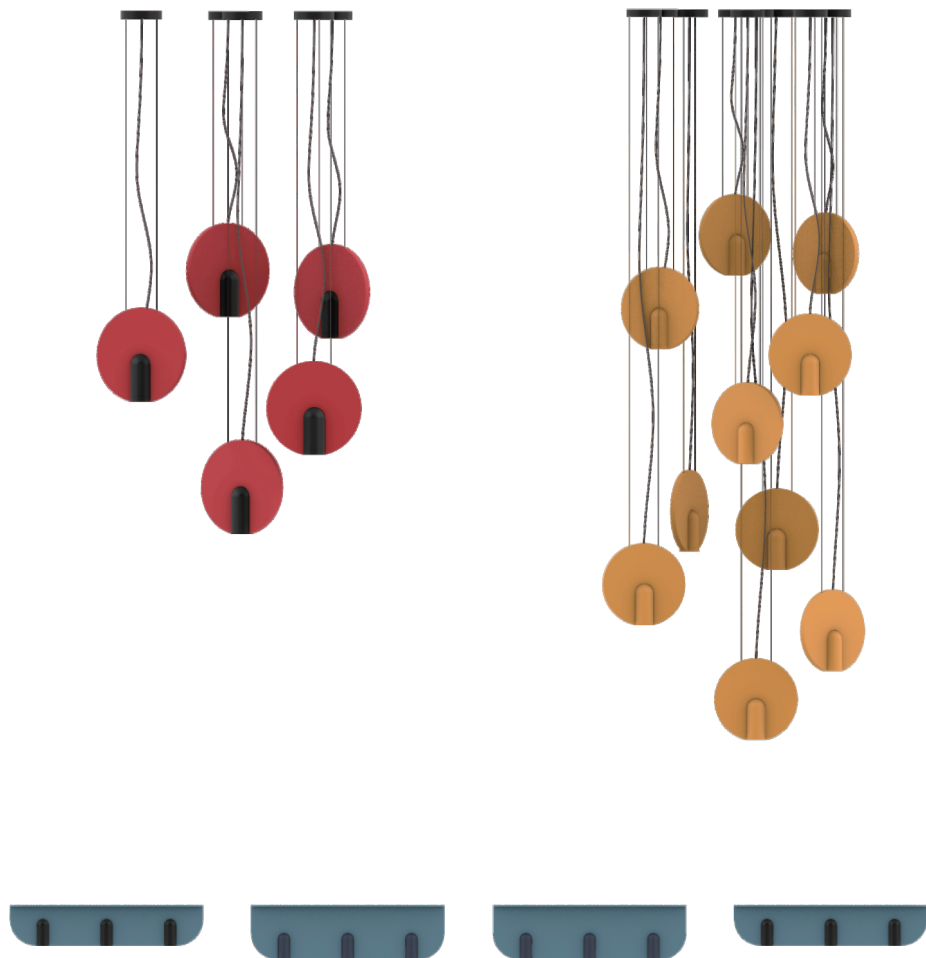
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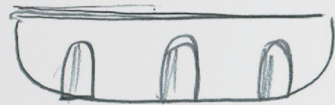
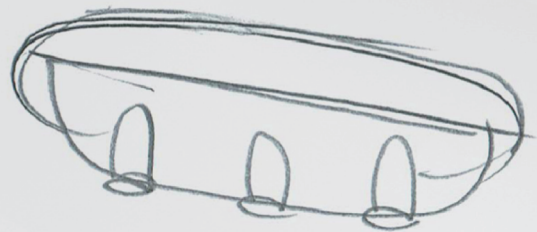
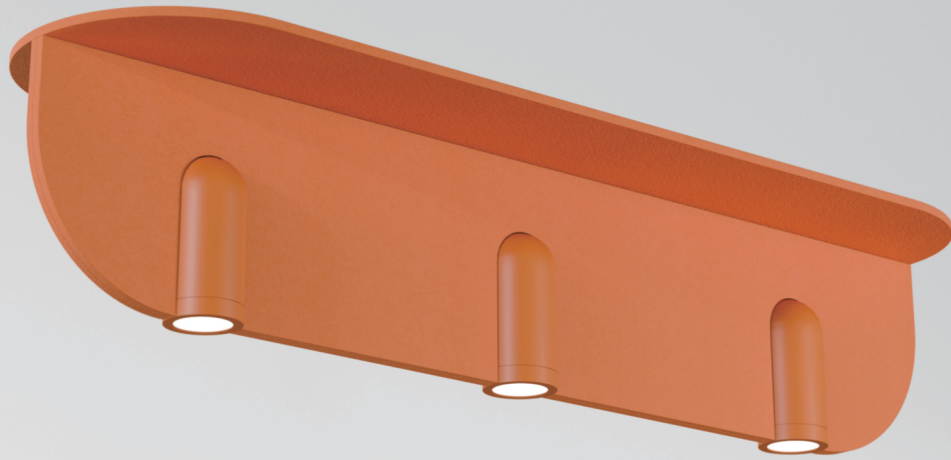


## COMPOSITIONS

The combination of the different Ori models allows for multiple configurations. Here are a few examples:







## ORI

### Model 2

### Specifications

#### Material structure

Steel

#### Material body

Acoustic

#### Light source

color temperature 3000k/4000k/6500k

Lumens 2550lm

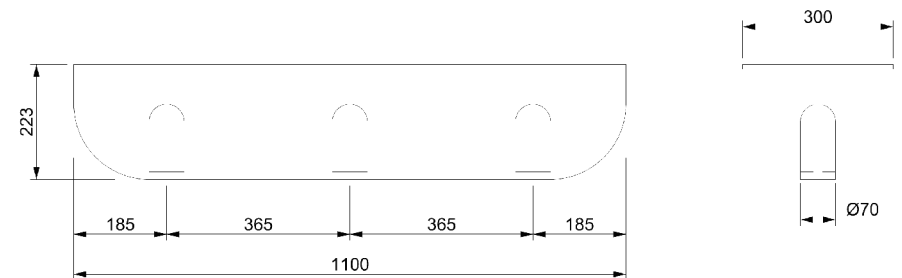
CRI 90

Power 30W

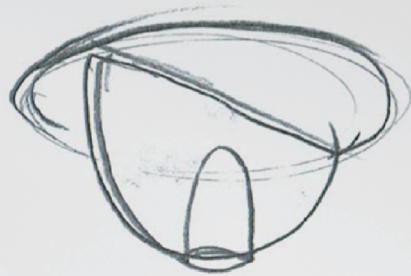
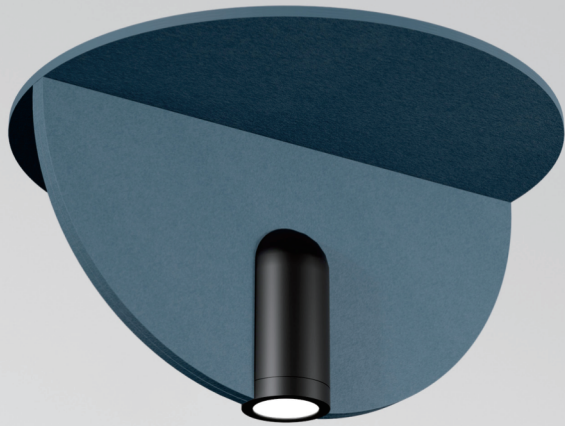
IP 20

Voltage 120-277V

### Size







## ORI

### Model 1

### Specifications

#### Material structure

Steel

#### Material body

Acoustic

#### Light source

color temperature 3000k/4000k/6500k

Lumens 850lm

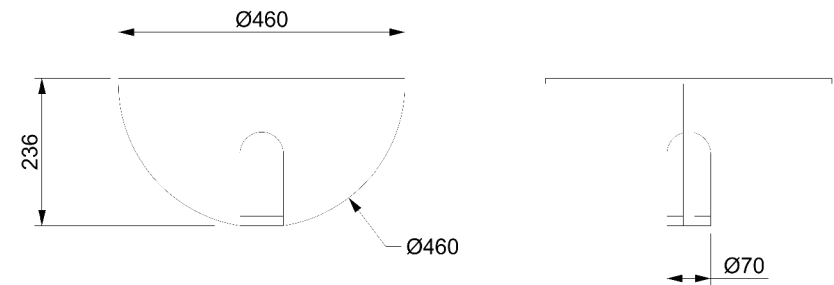
CRI 90

Power 10W

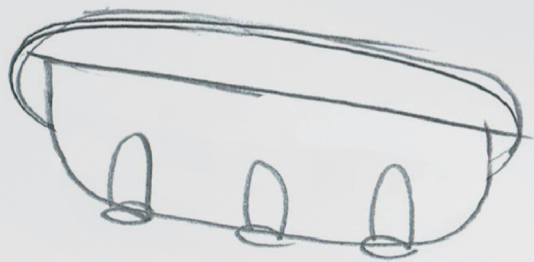
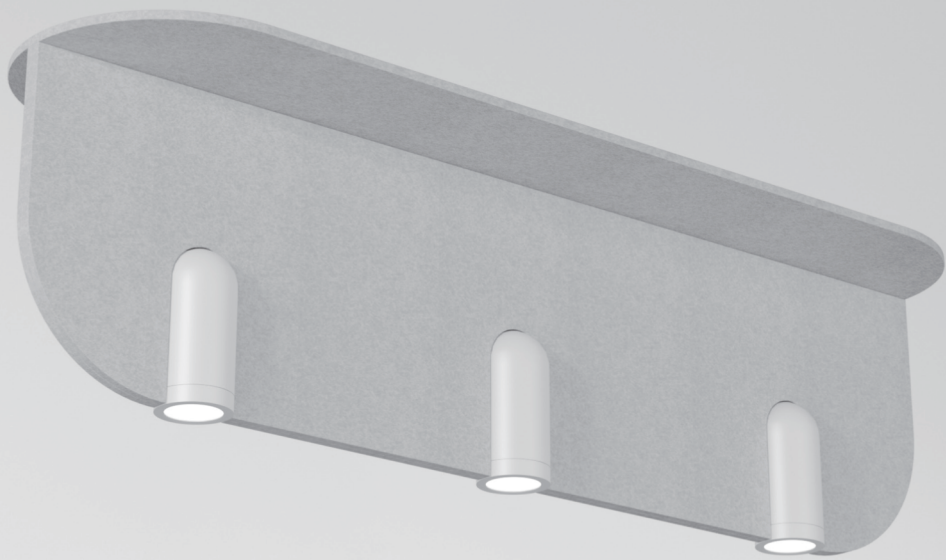
IP 20

Voltage 120-277V

### Size







## ORI

### Model 3

#### Specifications

##### Material structure

Steel

##### Material body

Acoustic

##### Light source

color temperature 3000k/4000k/6500k

Lumens 2550lm

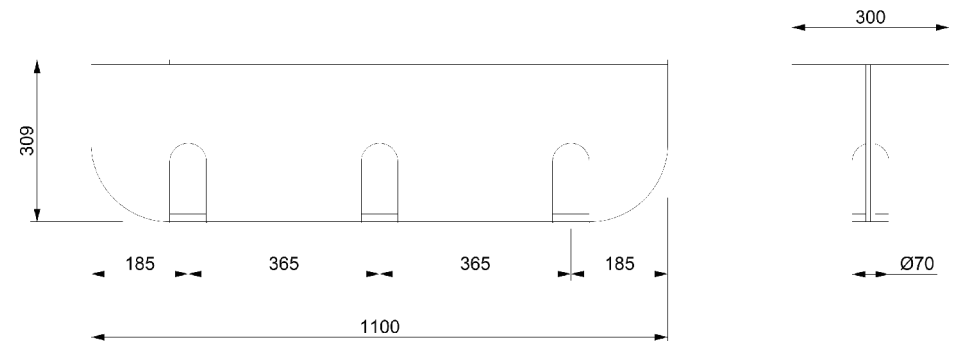
CRI 90

Power 30W

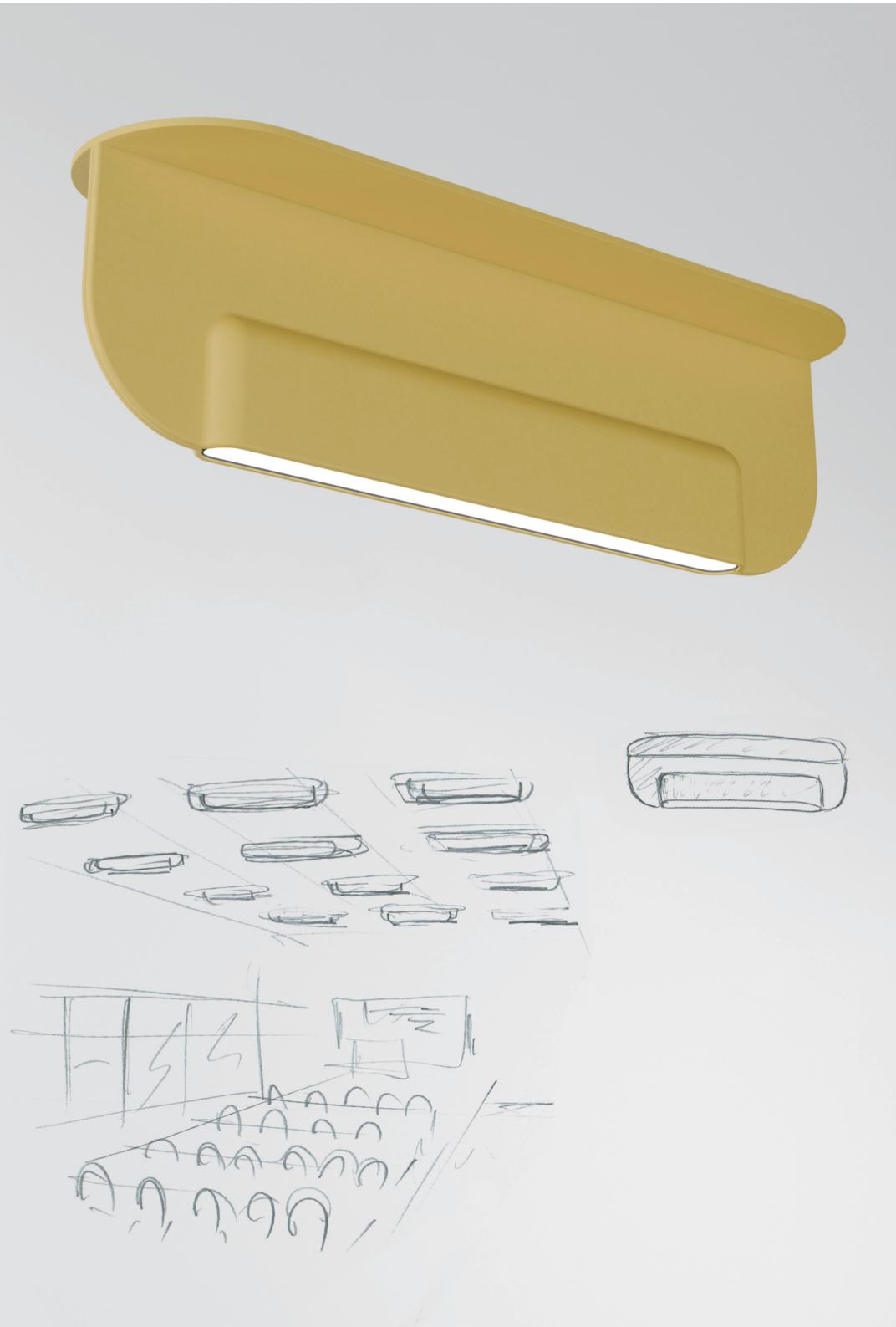
IP 20

Voltage 120-277V

#### Size







# ORI

## Model 4

### Specifications

#### Material structure

Steel

#### Material body

Acoustic

#### Light source

color temperature 3000k/4000k/6500k

Lumens 2550lm

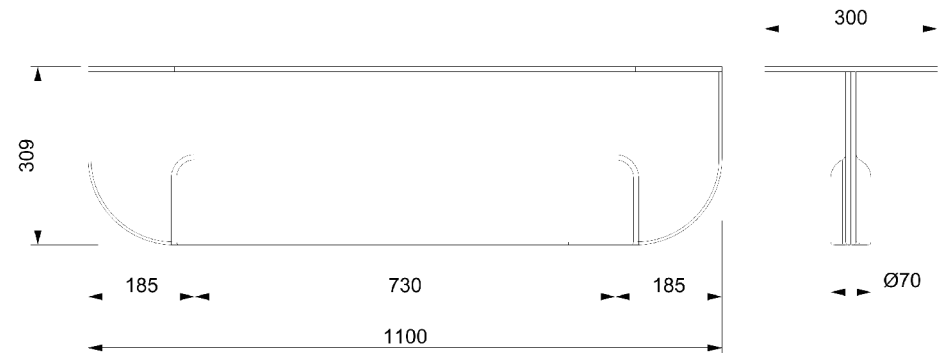
CRI 90

Power 30W

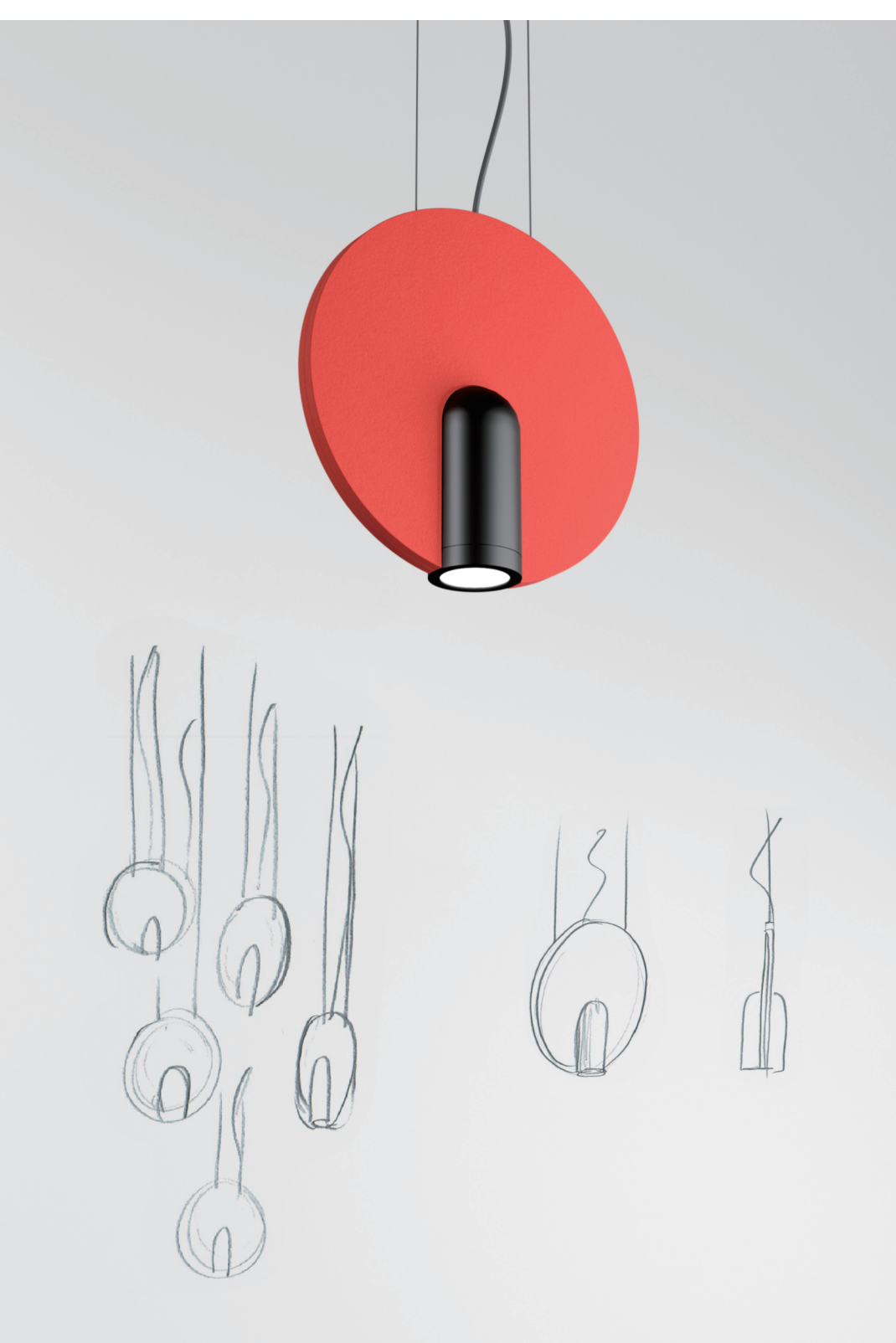
IP 20

Voltage 120-277V

### Size







# ORI

## Model 5

### Specifications

#### Material structure

Steel

#### Material body

Acoustic

#### Light source

color temperature 3000k/4000k/6500k

Lumens 850lm

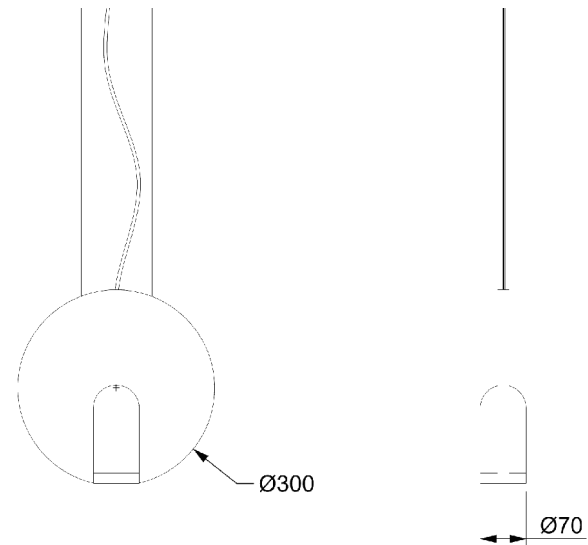
CRI 90

Power 10W

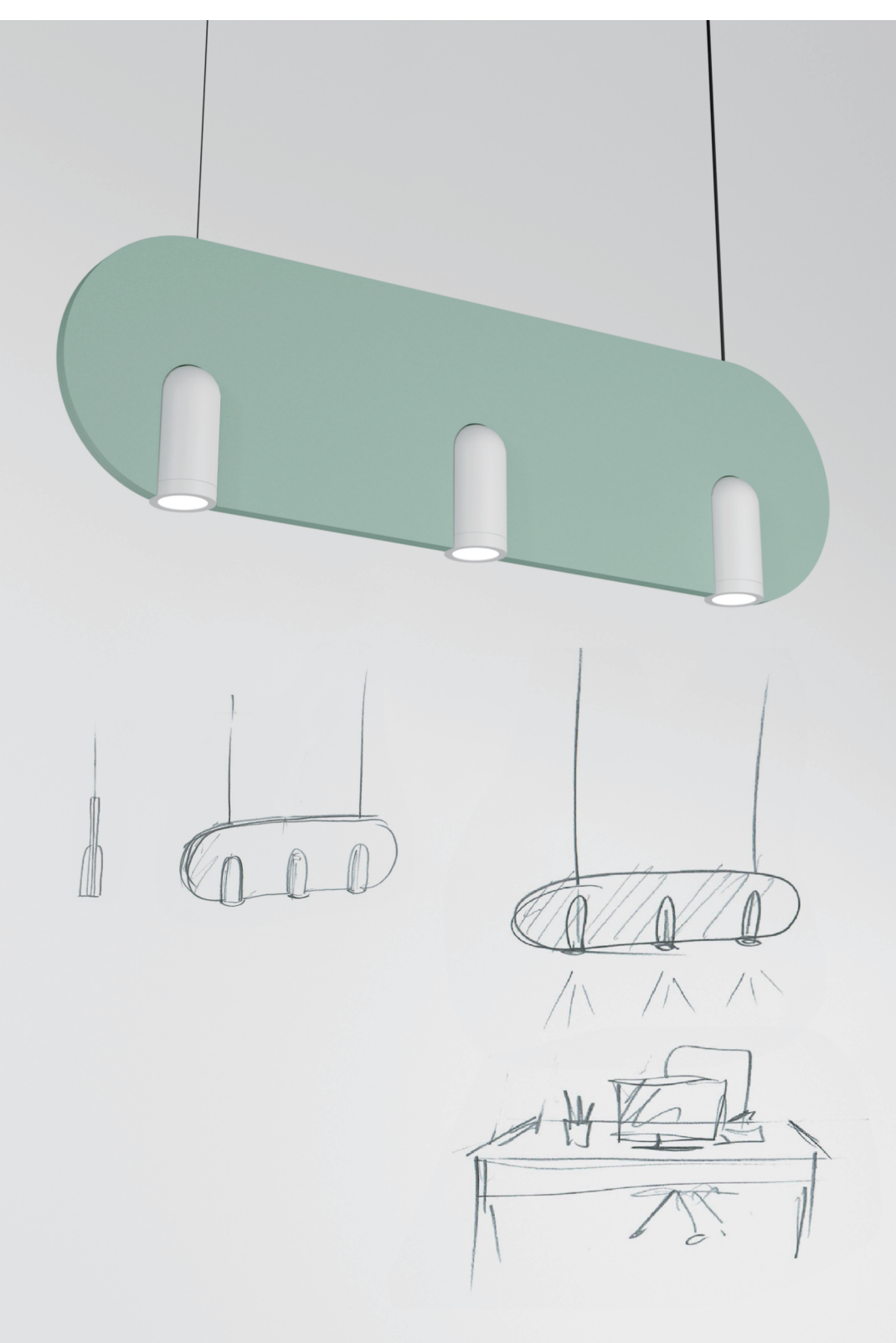
IP 20

Voltage 120-277V

### Size







## ORI

### Model 6

### Specifications

#### Material structure

Steel

#### Material body

Acoustic

#### Light source

color temperature 3000k/4000k/6500k

Lumens 2550lm

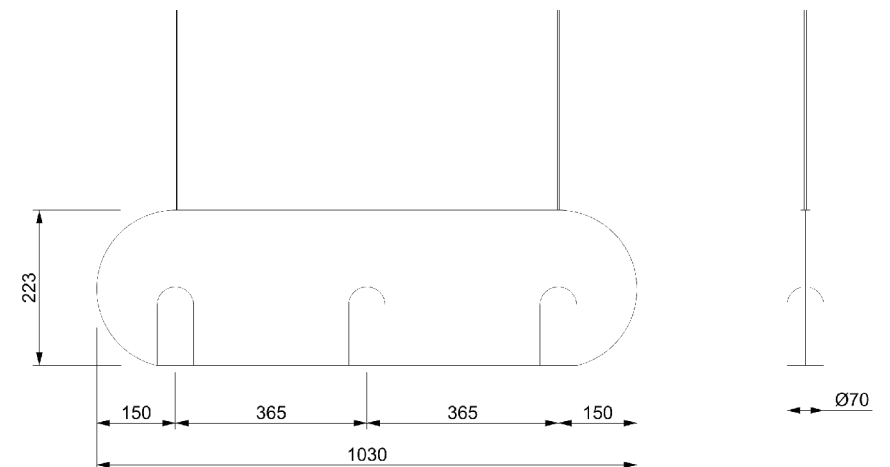
CRI 90

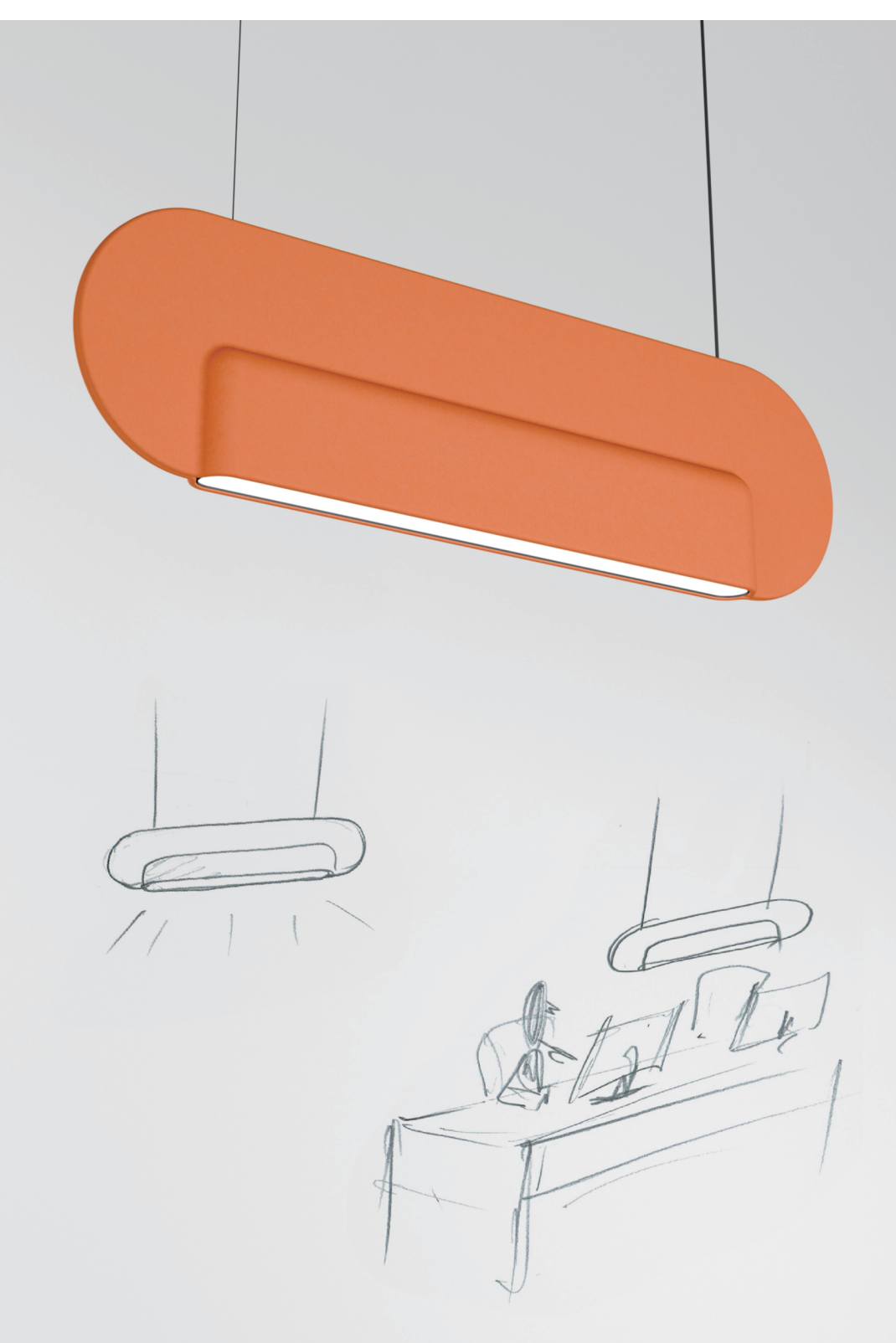
Power 30W

IP 20

Voltage 120-277V

### Size





# ORI

## Model 7

### Specifications

#### Material structure

Steel

#### Material body

Acoustic

#### Light source

color temperature 3000k/4000k/6500k

Lumens 2550lm

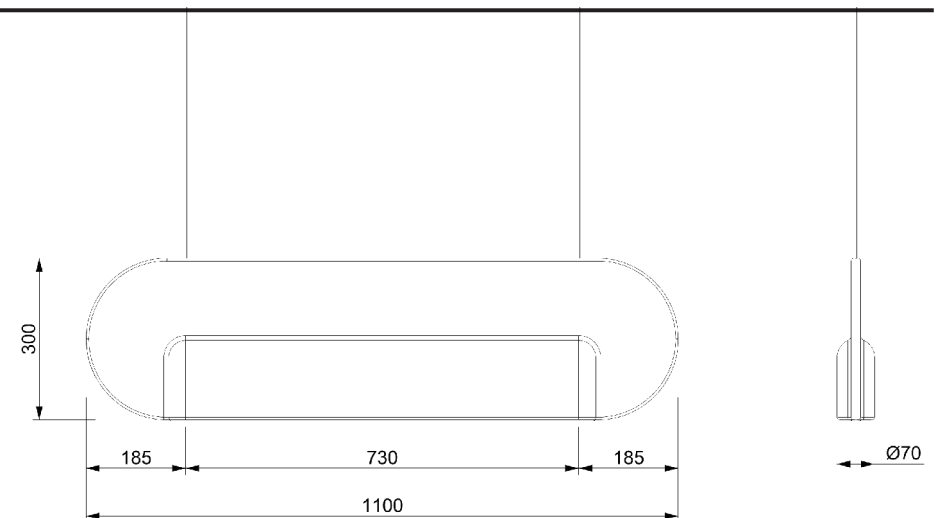
CRI 90

Power 30W

IP 20

Voltage 120-277V

### Size

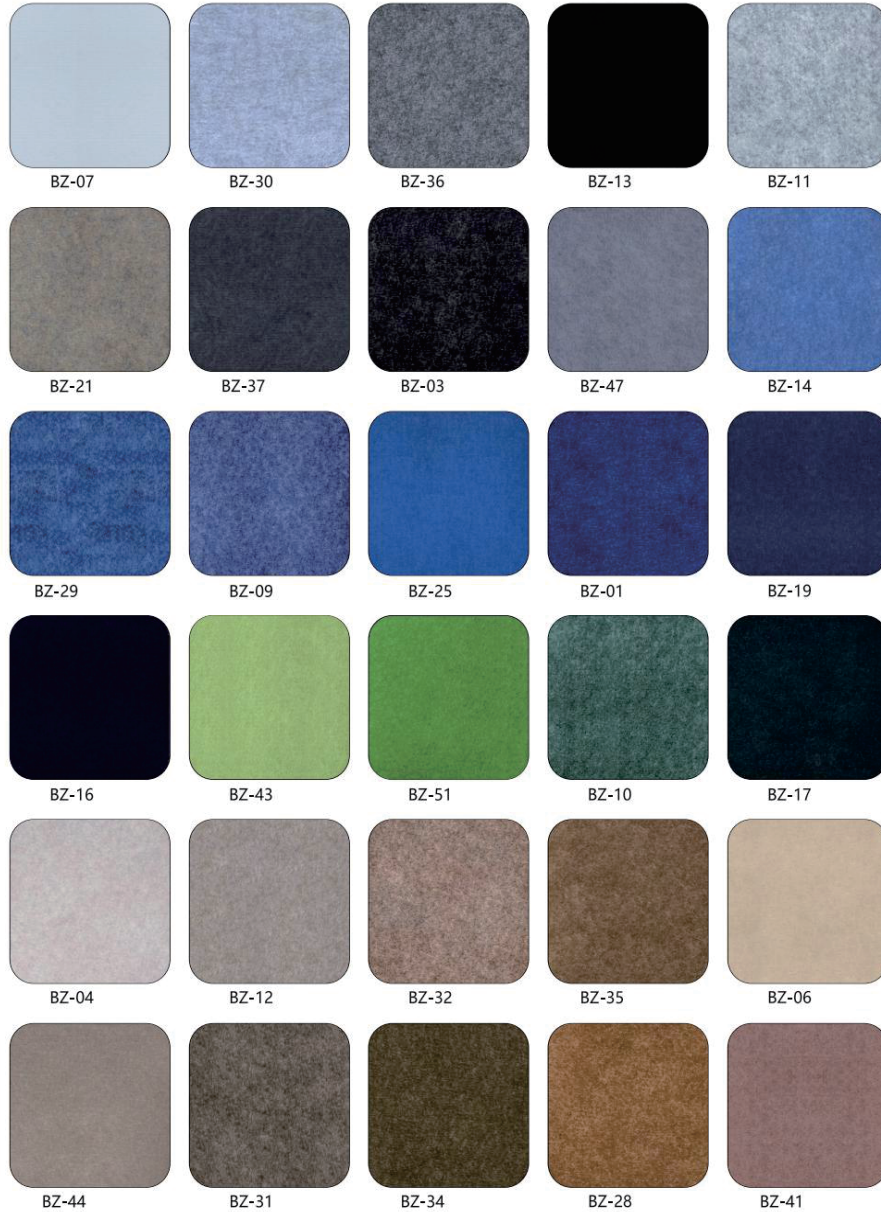




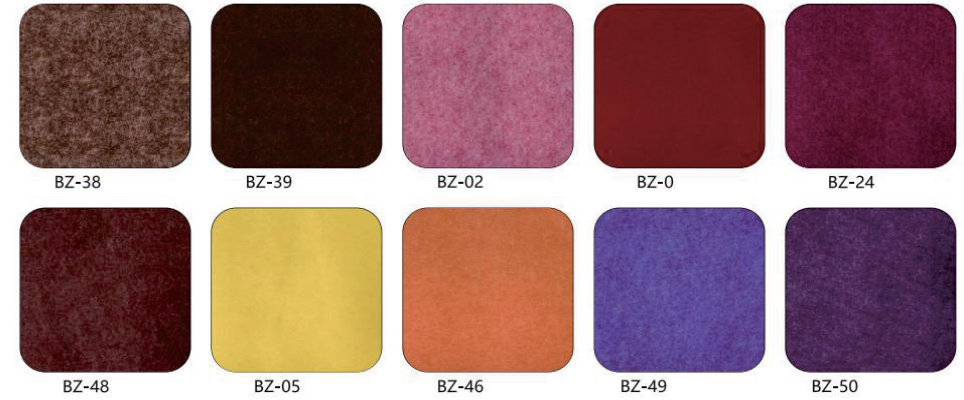
# COLORS OPTION FOR YOUR DESIGN.....

Standard Panel Size : 9mm \* 1220mm \* 2440 mm

标准板规格: 9mm\*1220mm\*2440mm



All our products are composed of **Minimum 50% Post-Consumer Recycled Material (Recycled Polyester Staple fiber)** Content. It can contribute to **LEED** credits



Pure Color Panel Size : 8mm \* 1220mm \* 2440 mm

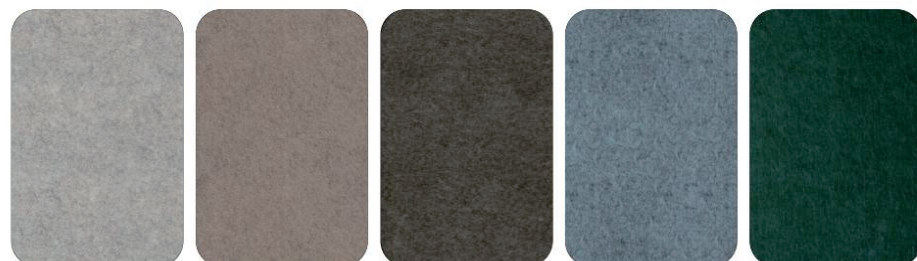
纯色板规格: 8mm\*1220mm\*2440mm



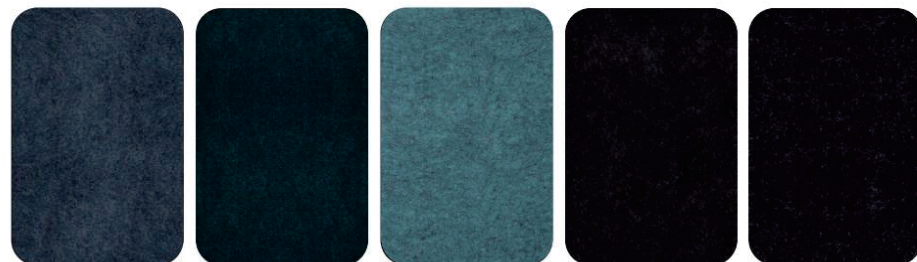


**19XX Color Panel Size : 12mm \* 1225mm \* 2800 mm**

2019系列规格: 12mm\*1225mm\*2800mm



1901 1902 1903 1904 1906



1907 1908 1921 1909 1910



1911 1912 1913 1914 1919



1920 1915 1916 1918 1917

**24XX Color Panel Size : 12mm \* 1225mm \* 2800 mm**

2024系列规格: 12mm\*1225mm\*2800mm



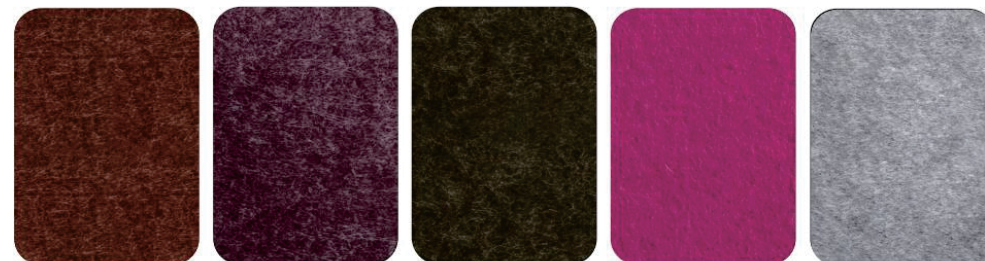
2401 2402 2403 2404 2405



2406 2407 2408 2409 2410



2411 2412 2413 2414 2415



2416 2417 2418 2419 2420





2421

2422

**21XX Color Panel Size : 12mm \* 1225mm \* 2800 mm**

2021系列规格: 12mm\*1225mm\*2800mm



2101

2102

2103

2104

2105



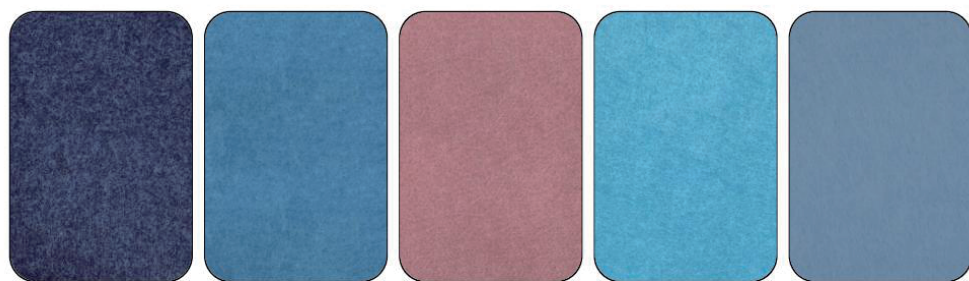
2106

2107

2108

2109

2110



2111

2112

2113

2114

2115

**21XX Color Panel Size : 12mm \* 1225mm \* 2800 mm**

2021系列规格: 12mm\*1225mm\*2800mm



2116

2117

2118

2119

2120



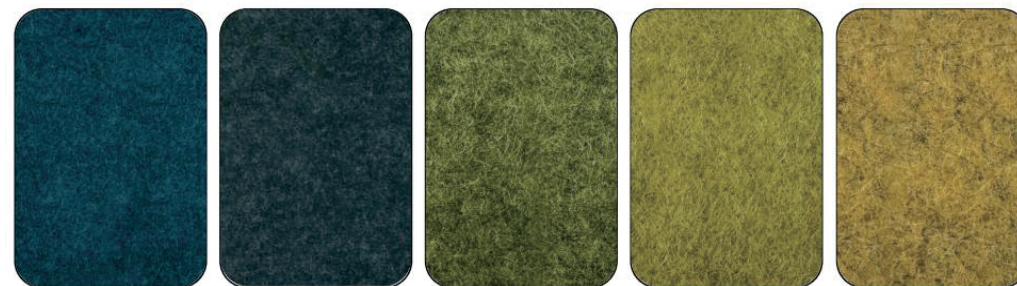
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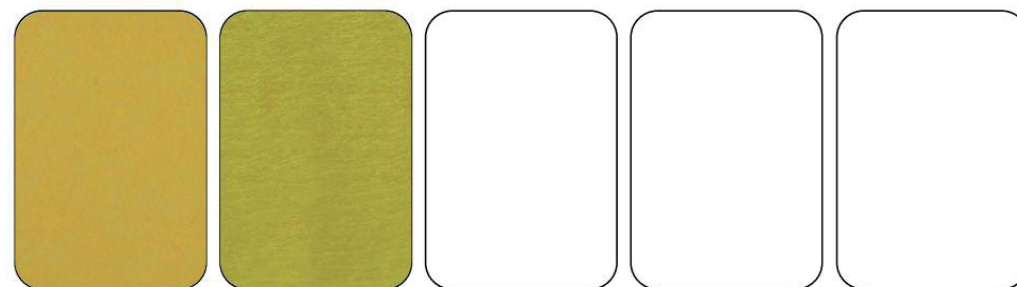
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