

2025  2026



SCmeixue<sup>®</sup>

声 光 美 学

山 水 系 列

吸 音 降 噪 装 置  
装 饰 照 明 产 品 图 册

**SC**meixue<sup>®</sup>  
声 光 美 学

## 声光美学 让空间更宁静 更舒适，更健康！

SGmeixue声光美学的产品设计创意理念来自生活，源自自然，弘扬江南文化，传承中国传统美德，始终把自然作为信仰，保持初心的静默和柔软，寻找自我的本源和生命原点，将时间、记忆和情感所积累的爱与感动分享给更多的人，SGmeixue提供广泛的声学设计元素照明产品，以提高生活及工作空间美学，从墙壁到天花板以及空间之间的隔断，Sgmeixue的产品让空间更宁静，更舒适，更健康，产品更是改善了任何空间的美学设计和声学效果。

## Sound and light aesthetics makes the space more quiet comfortable and healthy!

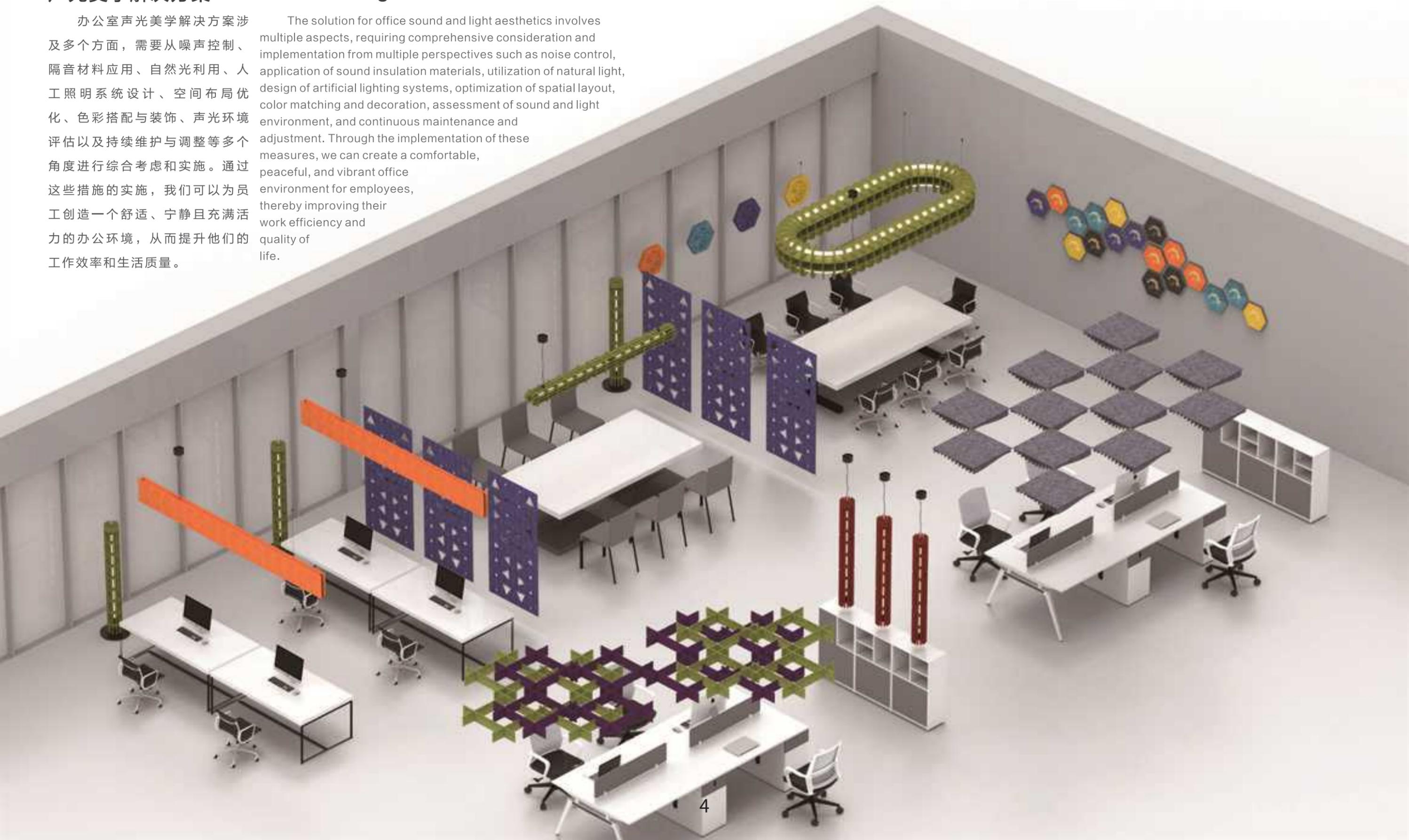
The creative design concept of SGmeixue sound and light aesthetics comes from life, originates from nature, promotes Jiangnan culture, inherits traditional Chinese virtues, always regards nature as faith, maintains the original silence and softness, seeks the origin of oneself and life, and shares the love and emotion accumulated by time, memory, and emotions with more people, SGmeixue provides a wide range of acoustic design elements for lighting products to enhance the aesthetics of living and working spaces, from walls to ceilings and partitions between spaces, Sgmeixue's products make spaces more peaceful, comfortable, and healthy, and the products improve the aesthetic design and acoustic effects of any space.

## 声光美学解决方案

办公室声光美学解决方案涉及多个方面，需要从噪声控制、隔音材料应用、自然光利用、人工照明系统设计、空间布局优化、色彩搭配与装饰、声光环境评估以及持续维护与调整等多个角度进行综合考虑和实施。通过这些措施的实施，我们可以为员工创造一个舒适、宁静且充满活力的办公环境，从而提升他们的工作效率和生活质量。

## Sound and light aesthetic solutions

The solution for office sound and light aesthetics involves multiple aspects, requiring comprehensive consideration and implementation from multiple perspectives such as noise control, application of sound insulation materials, utilization of natural light, design of artificial lighting systems, optimization of spatial layout, color matching and decoration, assessment of sound and light environment, and continuous maintenance and adjustment. Through the implementation of these measures, we can create a comfortable, peaceful, and vibrant office environment for employees, thereby improving their work efficiency and quality of life.



# 声学模块

## Acoustic module

采用聚酯纤维吸声板作为材料，它们可以切割成不同的形状并组合在一起，提供有效的降噪和吸声解决方案，并为空间增添美学设计元素

Using polyester fiber acoustic panels as the material, they can be cut into different shapes and combined together to provide an effective noise reduction and sound absorption solution, as well as adding aesthetic design elements to the space.

# 定制化服务

## Customized service

几何形状：从简单的矩形、正方形到复杂的三角形、六边形，您可以选择不同的几何形状。这些形状可以单独使用，也可以组合在一起，创造出独特的声学效果。

Geometry: From simple rectangles and squares to complex triangles and hexagons, you can choose different geometric shapes. These shapes can be used individually or combined to create a unique acoustic effect.

图案和排列方式：在吸音板上添加图案，例如几何图案、植物图案、抽象图案等。您可以选择线性排列、交错排列或随机排列，以适应不同的空间需求。

Patterns and arrangement: adding patterns to the sound absorbing board, such as geometric patterns, plant patterns, abstract patterns, etc. You can choose a linear arrangement, staggered arrangement or random arrangement to suit different space requirements.

颜色和材质：吸音板的颜色和材质也可以定制。您可以选择与室内装饰相协调的颜色，例如中性色调或鲜艳的色彩。材质方面，聚酯纤维是一种常见且环保的选择。

Color and material: The color and material of the sound-absorbing board can also be customized. You can choose colors that coordinate with the interior decoration, such as neutral tones or bright colors. In terms of material, polyester is a common and environmentally friendly choice.



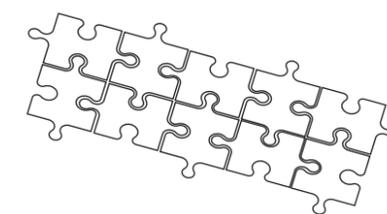
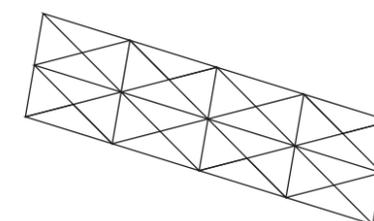
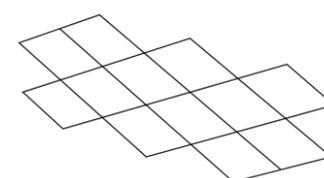
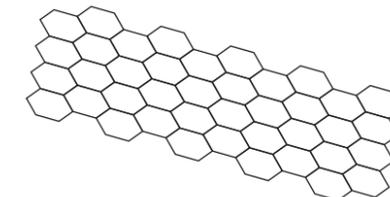
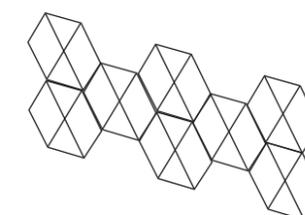
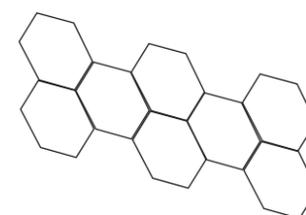
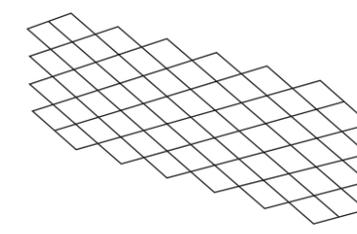
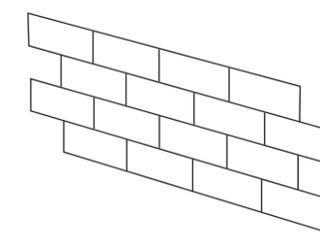
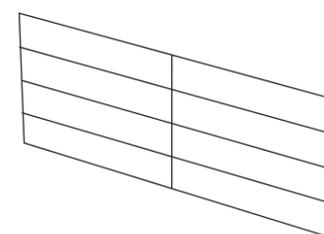
根据您的需求和喜好提供多种造型选择

A variety of styling options are available according to your needs and preferences

## 定制图案/Customized patterns

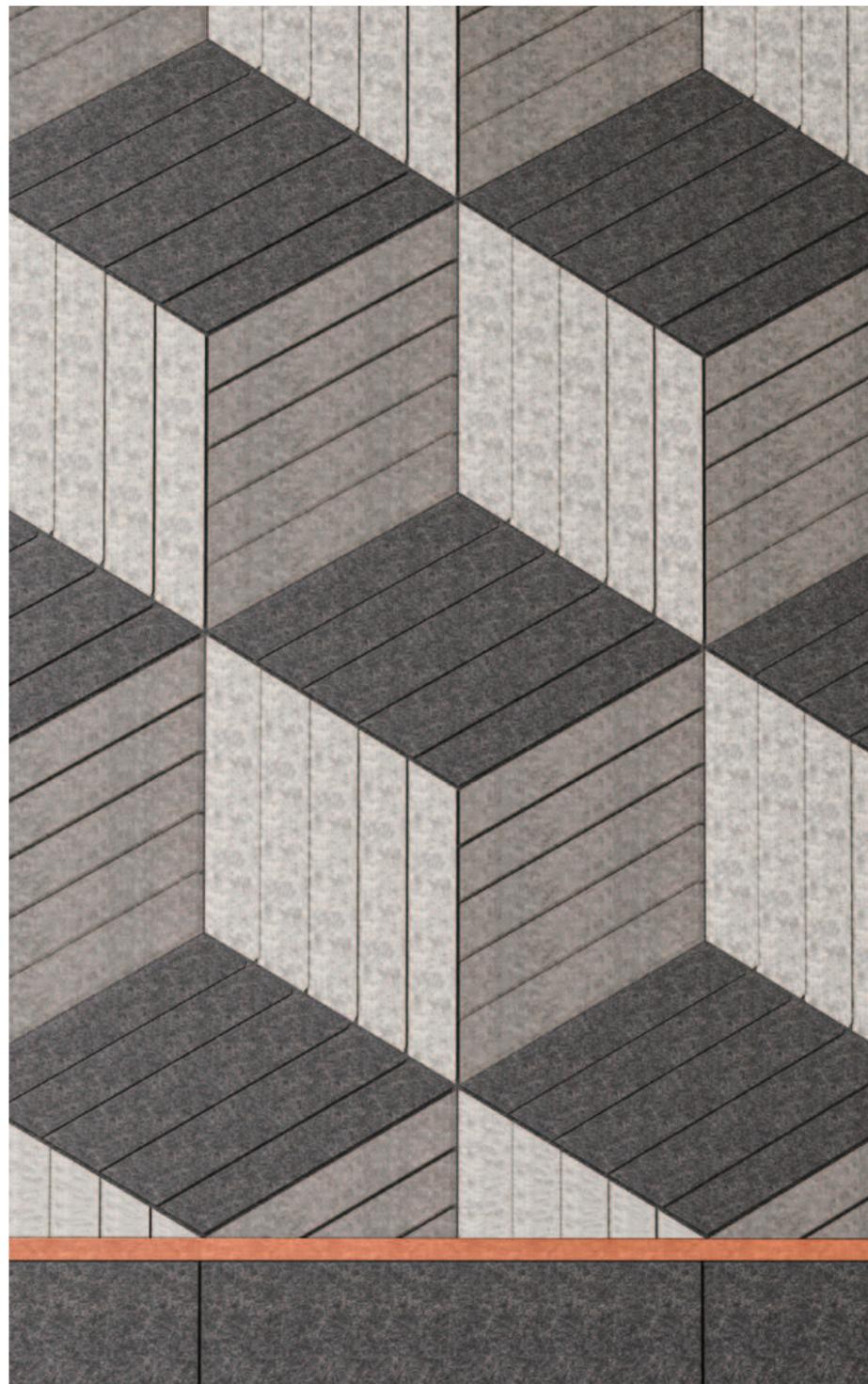
多种图案供您选择，提供图片定制专属图案。

Choose from a variety of patterns, provide pictures to customize your own patterns.





DISCOVER ADDITIONAL PATCHWORK COMBINATIONS



当谈到吸音板的创意拼合艺术时，我们进入了一个既实用又美观的领域。吸音板不仅可以改善声音环境，还能成为室内设计的一部分，增添空间的美感。

WHEN IT COMES TO THE CREATIVE ART OF THE SOUND-ABSORBING BOARD, WE ENTER A REALM THAT IS BOTH PRACTICAL AND BEAUTIFUL. THE SOUND ABSORBING BOARD CAN NOT ONLY IMPROVE THE SOUND ENVIRONMENT, BUT ALSO BECOME PART OF THE INTERIOR DESIGN, ADDING THE BEAUTY OF THE SPACE.



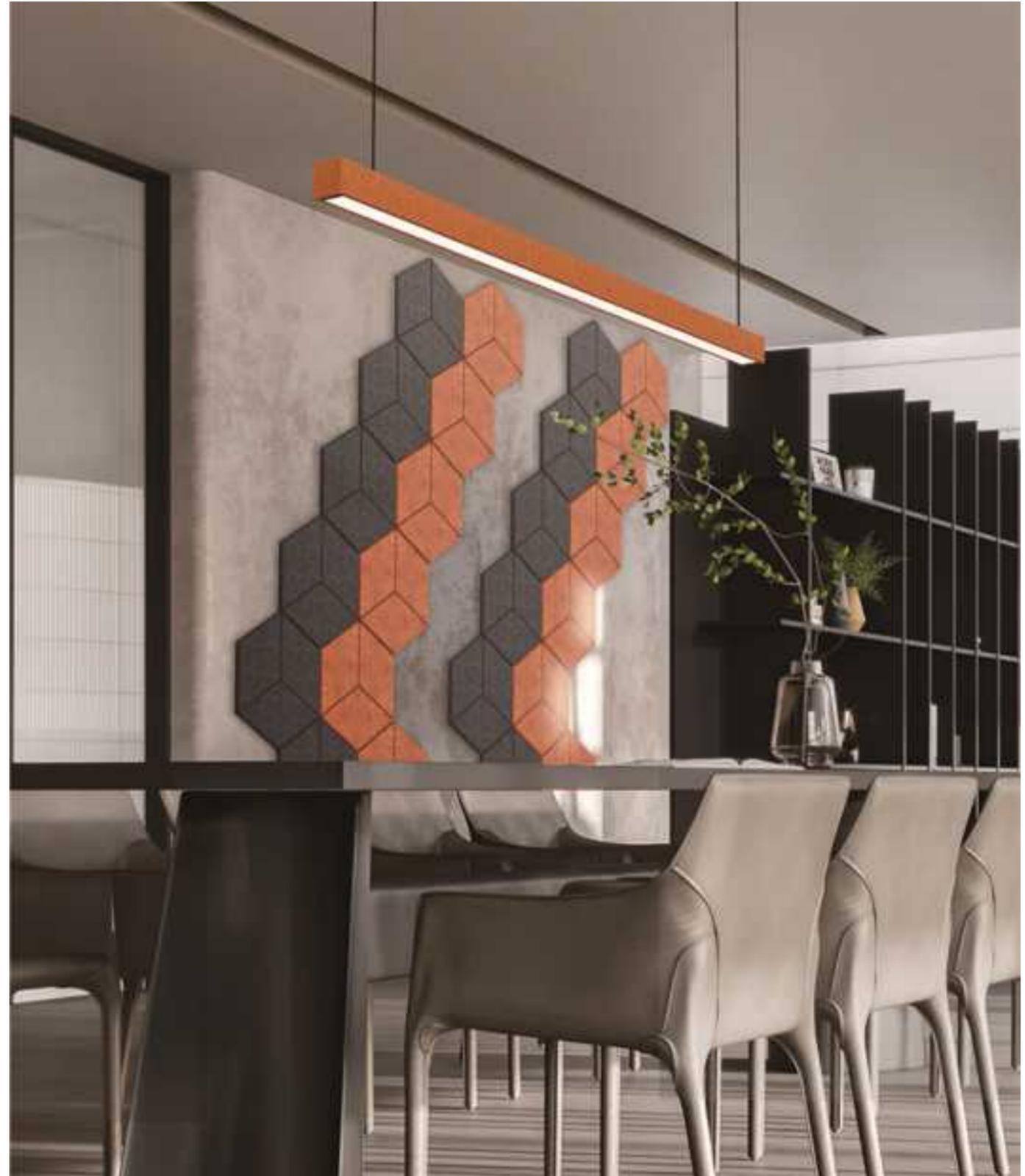
个性化设计:  
Personalized design:

定制化服务根据您的空间需求和审美喜好, 打造独一无二的声学模块。

Customized services create unique acoustic panels based on your space needs and aesthetic preferences.

无论在家中、办公室还是其他场所, 定制化的声学模块都能满足您的需求, 创造出一个舒适、美观且具有良好的声学性能的空间。

Whether at home, in the office or elsewhere, the acoustic panels are tailored to meet your needs, creating a comfortable, aesthetically pleasing space with good acoustic performance.





## 声光美学 (Series of landscapes)

### 声光模块(acousto-optic module)

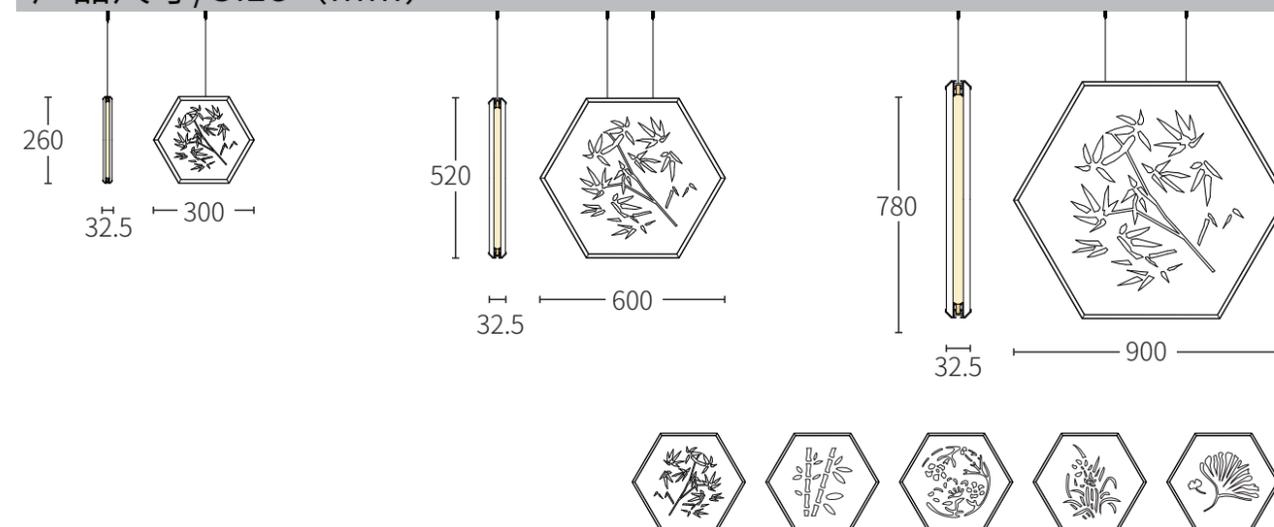
#### ——山水系列 (Series of landscapes)

山水系列灯具的设计灵感来源于大自然的宁静与和谐。它们不仅仅是提供照明，更是将自然美学无缝融入当代家庭和办公环境的艺术创作。每盏灯都经过精心制作，以优化照明和空间考虑，旨在创建一个满足视觉要求的环境，同时提高声学舒适性。

The design of the Shanshui series of lamps is inspired by the tranquility and harmony of nature. More than just providing illumination, they are artistic creations that seamlessly integrate natural aesthetics into contemporary home and office environments. Each lamp is meticulously crafted to optimize both lighting and spatial considerations, with the goal of establishing an environment that satisfies visual requirements while promoting acoustic comfort.



产品尺寸/Size (mm)



山水系列-内发光

Landscape Series - with internal lighting

型号 Model	SG-SS3311A300-A
标准规格 Standard specifications	L300/600/900mm
安装方式 Installation Method	悬挂式 Suspended
材质 Material Quality	6063铝+聚酯纤维 6063 Aluminium+Polyester fiber
声学板厚 Polyester fiber thickness	9mm
外观颜色 Colour	查阅色板 Refer to the color palette
光源 Light Source	普瑞 Bridgelux
电压 Voltage	DC24V/AC220V
功率 Power	6W/12W/18W
色温 CCT	3000K/4000K/5700K
显示指数 CRI	≥90
色容差 SDCM	≤5
防护等级 Protection Level	Ip20



控制方式/Control mode

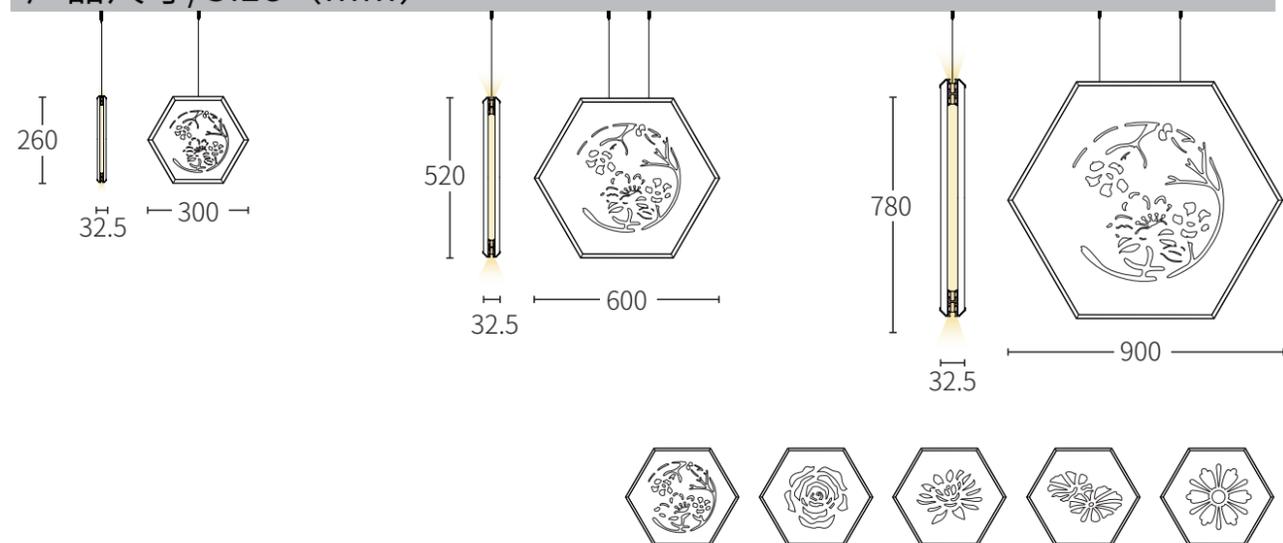
- ON/OFF
- 0-10V
- 可控硅控制系统/THYRISTOR
- DALI
- 其他控制系统/OTHER

支持以上控制方式的调光或常规控制

THE ABOVE CONTROL SYSTEM SUPPORTS DIMMING OR CONVENTIONAL CONTROL



产品尺寸/Size (mm)



山水系列-内外发光

Landscape Series - Glow in both upward and downward directions

型号 Model	SG-SS3311A300-B
标准规格 Standard specifications	L300/600/900mm
安装方式 Installation Method	悬挂式 Suspended
材质 Material Quality	6063铝+聚酯纤维 6063 Aluminium+Polyester fiber
声学板厚 Polyester fiber thickness	9mm
外观颜色 Colour	查阅色板 Refer to the color palette
光源 Light Source	普瑞 Bridgelux
电压 Voltage	DC24V/AC220V
功率 Power	6W/12W/18W
色温 CCT	3000K/4000K/5700K
显示指数 CRI	≥90
色容差 SDCM	≤5
防护等级 Protection Level	Ip20



控制方式/Control mode

- ON/OFF
- 0-10V
- 可控硅控制系统/THYRISTOR
- DALI
- 其他控制系统/OTHER

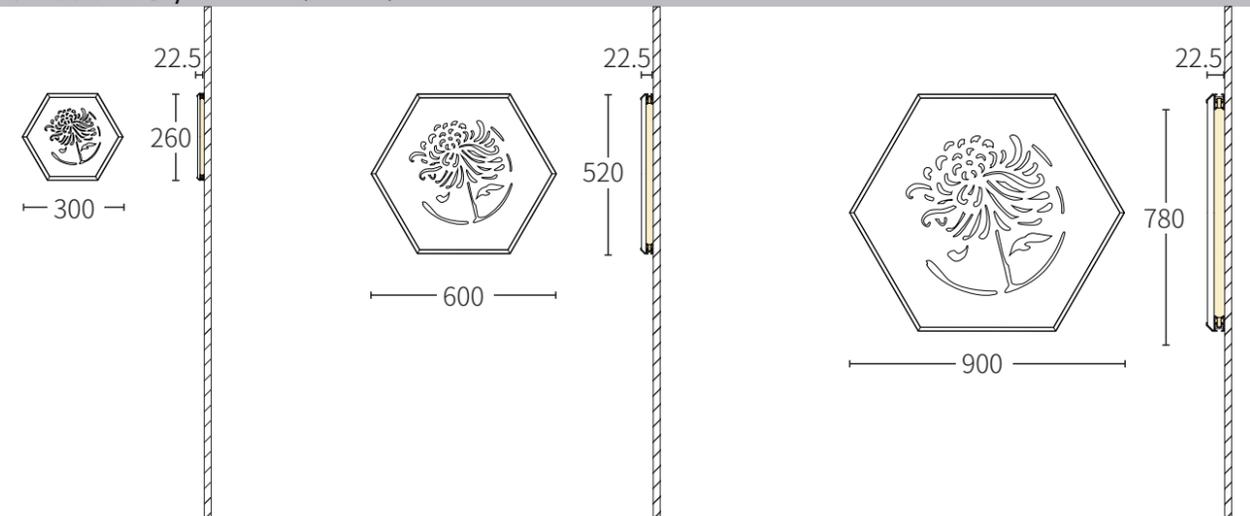
支持以上控制方式的调光或常规控制

THE ABOVE CONTROL SYSTEM SUPPORTS DIMMING OR CONVENTIONAL CONTROL





产品尺寸/Size (mm)



山水系列-内发光

Landscape Series - With internal lighting

型号 Model	SG-SS3311B300-A
标准规格 Standard specifications	L 300/600/900mm
安装方式 Installation Method	壁装式 Wall-mounted configuration
材质 Material Quality	6063铝+聚酯纤维 6063 Aluminium+Polyester fiber
声学板厚 Polyester fiber thickness	9mm
外观颜色 Colour	查阅色板 Refer to the color palette
光源 Light Source	普瑞 Bridgelux
电压 Voltage	DC24V/AC220V
功率 Power	6W/12W/18W
色温 CCT	3000K/4000K/5700K
显示指数 CRI	≥90
色容差 SDCM	≤5
防护等级 Protection Level	Ip20



控制方式/Control mode

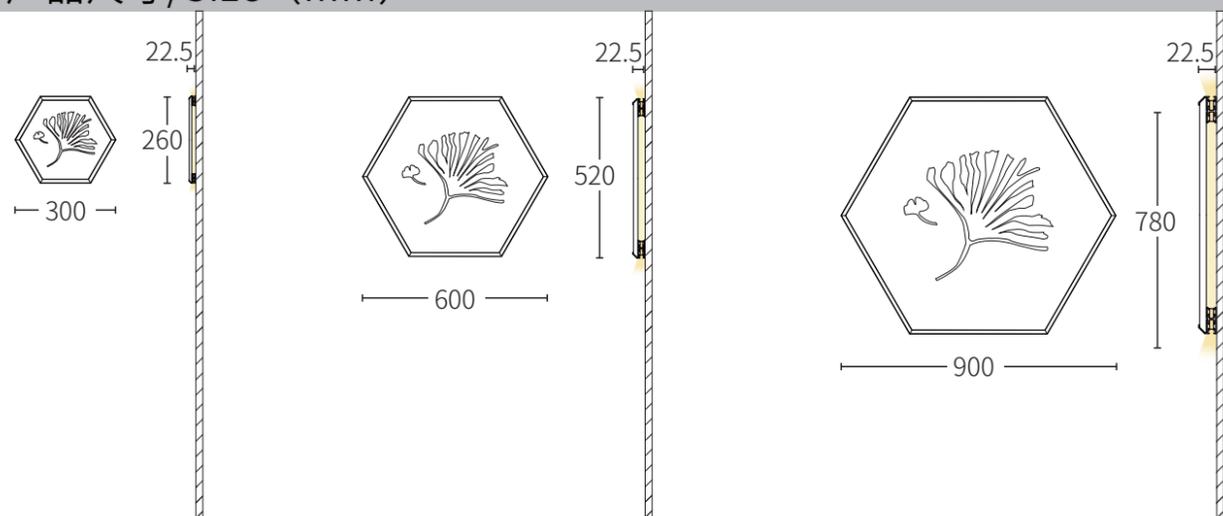
- ON/OFF
- 0-10V
- 可控硅控制系统/THYRISTOR
- DALI
- 其他控制系统/OTHER

支持以上控制方式的调光或常规控制

THE ABOVE CONTROL SYSTEM SUPPORTS DIMMING OR CONVENTIONAL CONTROL



产品尺寸/Size (mm)



山水系列-内外发光

Landscape Series - Glow in both upward and downward directions

型号 Model	SG-SS3311B300-B
标准规格 Standard specifications	L300/600/900mm
安装方式 Installation Method	壁装式 Wall-mounted configuration
材质 Material Quality	6063铝+聚酯纤维 6063 Aluminium+Polyester fiber
声学板厚 Polyester fiber thickness	9mm
外观颜色 Colour	查阅色板 Refer to the color palette
光源 Light Source	普瑞 Bridgelux
电压 Voltage	DC24V/AC220V
功率 Power	6W/12W/18W
色温 CCT	3000K/4000K/5700K
显示指数 CRI	≥90
色容差 SDCM	≤5
防护等级 Protection Level	Ip20

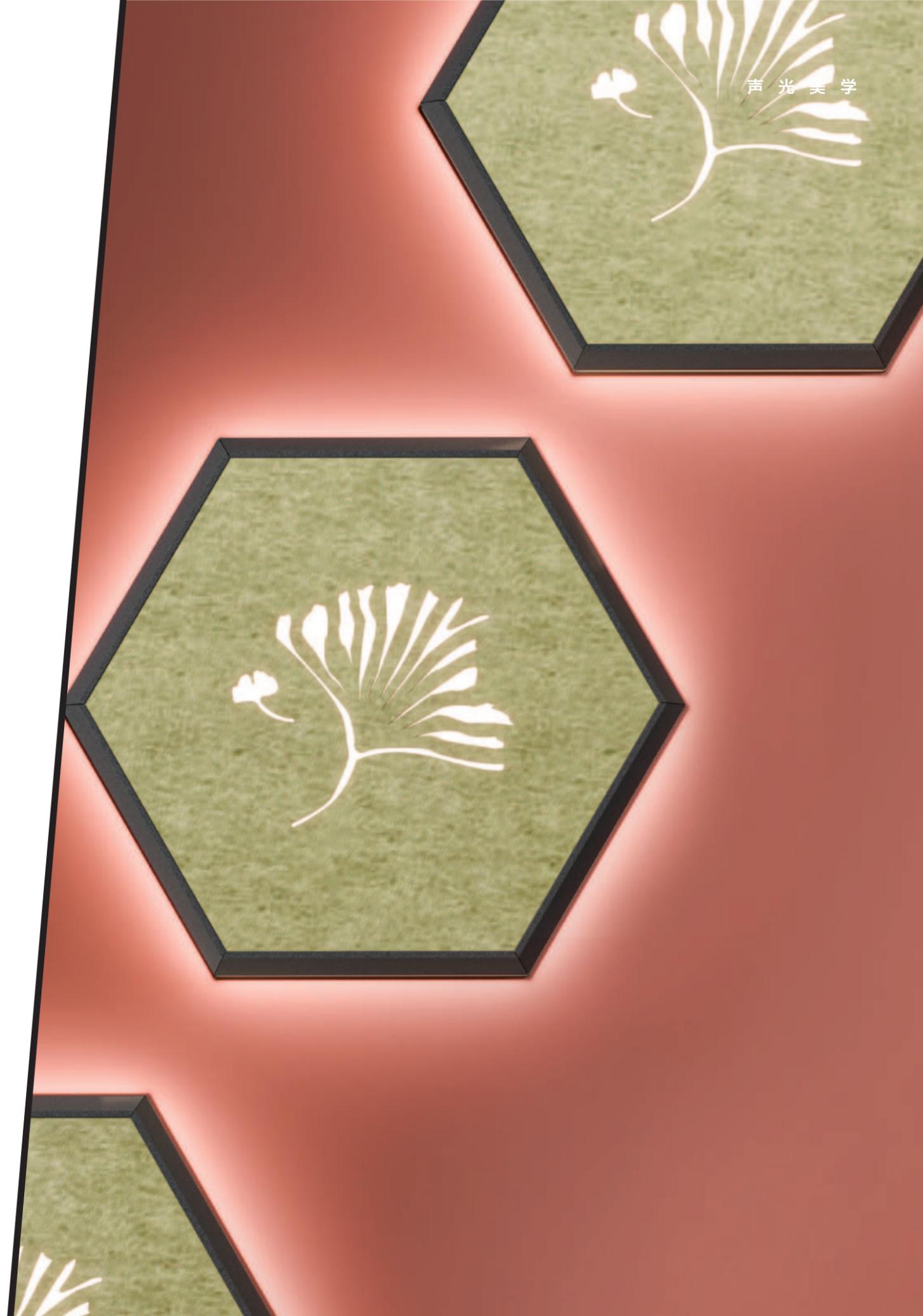


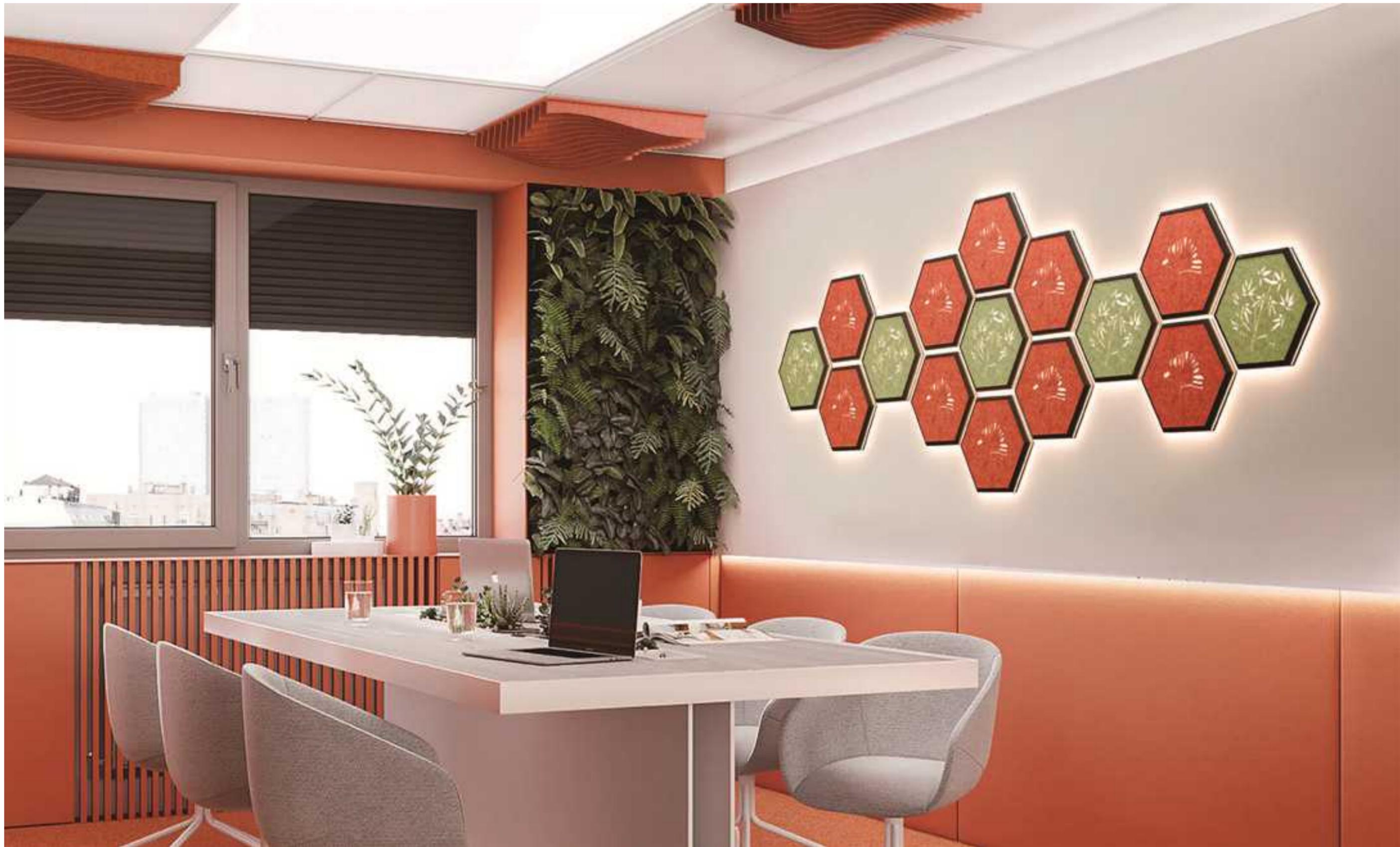
控制方式/Control mode

- ON/OFF
- 0-10V
- 可控硅控制系统/THYRISTOR
- DALI
- 其他控制系统/OTHER

支持以上控制方式的调光或常规控制

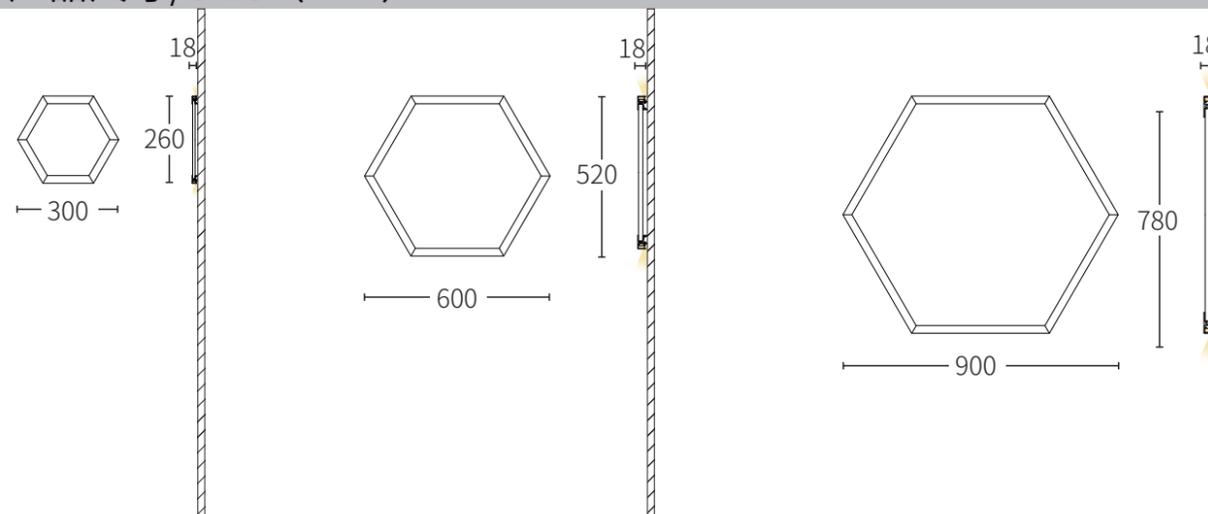
THE ABOVE CONTROL SYSTEM SUPPORTS DIMMING OR CONVENTIONAL CONTROL







产品尺寸/Size (mm)



山水系列-外发光

Landscape Series - External luminescence

型号 Model	SG-SS1827A300-A
标准规格 Standard specifications	L300/600/900mm
安装方式 Installation Method	壁装式 Wall-mounted configuration
材质 Material Quality	6063 铝+聚酯纤维 6063 Aluminium+Polyester fiber
声学板厚 Polyester fiber thickness	9mm
外观颜色 Colour	查阅色板 Refer to the color palette
光源 Light Source	普瑞 Bridgelux
电压 Voltage	DC24V/AC220V
功率 Power	6W/12W/18W
色温 CCT	3000K/4000K/5700K
显示指数 CRI	≥90
色容差 SDCM	≤5
防护等级 Protection Level	Ip20



控制方式/Control mode

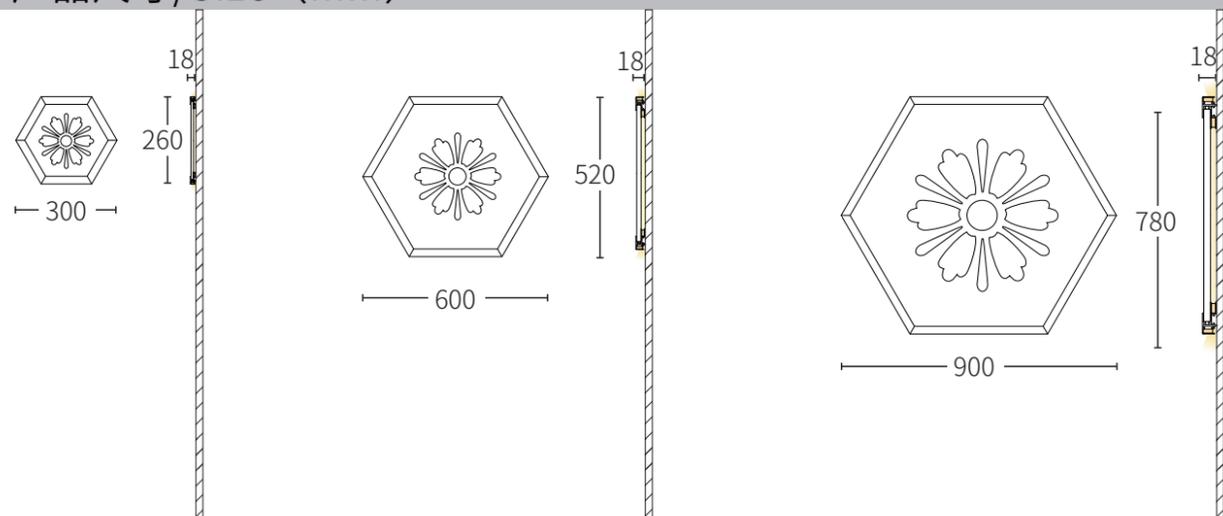
- ON/OFF
- 0-10V
- 可控硅控制系统/THYRISTOR
- DALI
- 其他控制系统/OTHER

支持以上控制方式的调光或常规控制

THE ABOVE CONTROL SYSTEM SUPPORTS DIMMING OR CONVENTIONAL CONTROL



产品尺寸/Size (mm)



山水系列-内外发光

Landscape Series - Glow in both upward and downward directions

型号 Model	SG-SS1827A300-B
标准规格 Standard specifications	L300/600/900mm
安装方式 Installation Method	壁装式 Wall-mounted configuration
材质 Material Quality	6063铝+聚酯纤维 6063 Aluminium+Polyester fiber
声学板厚 Polyester fiber thickness	9mm
外观颜色 Colour	查阅色板 Refer to the color palette
光源 Light Source	普瑞 Bridgelux
电压 Voltage	DC24V/AC220V
功率 Power	6W/12W/18W
色温 CCT	3000K/4000K/5700K
显示指数 CRI	≥90
色容差 SDCM	≤5
防护等级 Protection Level	Ip20



控制方式/Control mode

- ON/OFF
- 0-10V
- 可控硅控制系统/THYRISTOR
- DALI
- 其他控制系统/OTHER

支持以上控制方式的调光或常规控制

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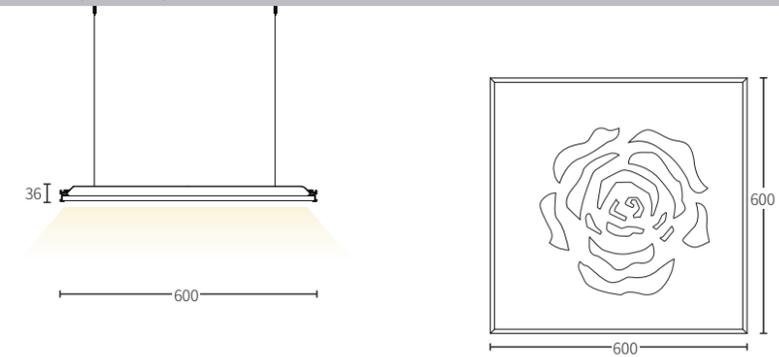






A WIDE RANGE OF COLOR OPTIONS AVAILABLE FOR SELECTION  
多种颜色可供选择

产品尺寸/Size (mm)



规格可定制

山水系列-外发光

Landscape Series - External luminescence

型号 Model	SG-SS36600
标准规格 Standard specifications	L 600 mm
安装方式 Installation Method	悬挂 Suspended
材质 Material Quality	6063 铝+聚酯纤维 6063 Aluminium+Polyester fiber
声学板厚 Polyester fiber thickness	9 mm
外观颜色 Colour	查阅色板 Refer to the color palette
光源 Light Source	普瑞 Bridgelux
电压 Voltage	DC24V/AC220V
功率 Power	12W
色温 CCT	3000K/4000K/5700K
显示指数 CRI	≥ 90
色容差 SDCM	≤ 5
防护等级 Protection Level	Ip20



控制方式/Control mode

- ON/OFF
- 0-10V
- 可控硅控制系统/THYRISTOR
- DALI
- 其他控制系统/OTHER

支持以上控制方式的调光或常规控制

THE ABOVE CONTROL SYSTEM SUPPORTS DIMMING OR CONVENTIONAL CONTROL

产品尺寸与设计:

**标准尺寸:**灯具的长度为600mm, 高度为 600mm, 厚度为36mm, 精心打造以适应各种空间。

**多彩选择:**内置的聚酯纤维吸音板提供多种颜色选项, 满足您对空间美学的个性化需求。

创新功能:

**定制图案:**多样的内部图案设计供您选择, 也可以定制专属你的特殊图案, 适应各种风格。

**声学调整:**吸音降噪功能随声学板面积的不同而优化, 确保您的空间无论大小都能享受到最佳的声学效果。

山水系列灯具不仅仅是装饰照明的吸音装置, 它是一种生活态度的体现。选择山水系列, 让您的空间在光影和静谧中找到完美的平衡。





## 探索光的艺术 定制您的独特灯具

Explore the art of light  
Customize your unique light fixtures

## 多样化的组合 无限的可能

Diverse combinations  
infinite possibilities

有多种组合样式和图案的选择。从材质到颜色，从形状到尺寸，每一个细节都可以根据您的喜好进行调整。我们使用的聚酯纤维吸音板，不仅美观，还能有效减少噪音污染，为您的办公环境创造舒适的氛围。

A wide range of styles and patterns are at your disposal, allowing for customization in every detail from material and color to shape and size. Our utilization of high-quality polyester acoustic panels not only enhances aesthetic appeal but also effectively mitigates noise pollution, fostering a conducive office environment.







我们的声学照明中使用聚酯纤维吸音板有什么优势

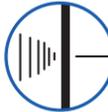
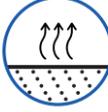
WHAT ARE THE ADVANTAGES OF USING POLYESTER FIBER SOUND-ABSORBING PANELS IN OUR ACOUSTIC LIGHTING

为什么聚酯纤维是环保材料 WHY IS POLYESTER FIBER AN ENVIRONMENTALLY FRIENDLY MATERIAL



我们的聚酯纤维吸音声学板它是由废弃的PET瓶与一些PET纤维压制而成，无甲醇，无异味，是一种环保型的吸音建材，能有效的减少PET瓶对地球环境的生态污染。

Our polyester fiber sound-absorbing acoustic board is made by pressing discarded PET bottles with some PET fibers, without methanol or odor. It is an environmentally friendly sound-absorbing building material that can effectively reduce the ecological pollution of PET on the Earth's environment.

- |   |   |
|---|---|
|  <p>提供卓越的吸声性能<br/>Provide excellent sound absorption performance</p>   |  <p>具备一定的透气性能<br/>Has certain breathability</p>  |
|  <p>具有良好的可塑性（与玻璃和铝相比）<br/>Has good plasticity (compared to glass and aluminum)</p>                                 |  <p>能有效防止霉菌<br/>Can effectively prevent mold</p> |
|  <p>具有一定时间的防火性能隔绝火灾蔓延<br/>Having a certain period of fire prevention performance to isolate the spread of fire</p> |  <p>可进行表面喷绘<br/>Can be surface painted</p>       |
|  <p>由回收塑料瓶制成<br/>Made from recycled plastic bottles</p>   |  <p>质量轻<br/>Lightweight</p>                     |
|  <p>拥有丰富的色彩<br/>Having rich colors</p>   |  <p>安装方便快捷<br/>Easy and fast installation</p>  |
|  <p>不含挥发性有机物或甲醛粘合剂<br/>Adhesive without volatile organic compounds or formaldehyde</p>                           |  <p>不易褪色<br/>Not easily faded</p>              |

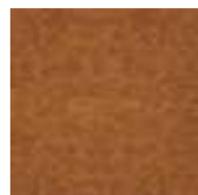
AVAILABLE COLORS/可選用顏色

顏色取決於交付週期和每批次的變化，以下顏色僅供參考，以實物為準。

The color depends on the delivery cycle and the changes in each batch. The following colors are for reference only and the actual product shall prevail.



SG06金銅



SG07奶咖



SG12蜜桔



SG14大紅



SG18紫羅蘭



SG20天藍



SG21寶石藍



SG23電信藍



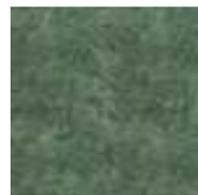
SG30深灰



SG36翠綠



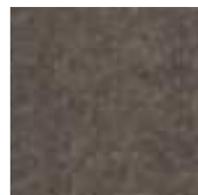
SG37果綠



SG38寶石綠



SG44深銀灰



SG45江灰



SG48 孔藍



## 聚酯纤维吸音板特点

聚酯纤维板，是由聚酯树脂和纤维材料制成的复合板材。这种板材具有多种显著的特点，使得它在建筑装饰领域有着广泛的应用。以下是聚酯纤维板的主要特点：

### 1. 装饰性强，色彩多样：

聚酯纤维板表面致密，可以加工成多种精美的彩色图案或立体图案，满足不同的审美需求。此外，它容易裁切和拼接，可以进行图案和造型的自由组合，大大提高了装饰的灵活性和美作品味。

### 2. 施工简单，更换方便：

聚酯纤维板的施工过程相对简单，可以直接粘贴在墙面或吊顶，无需复杂的处理工艺。同时，由于其规格多样，可以方便地进行形状和尺寸的变换，简化了施工流程。

### 3. 吸音隔热，效果优越：

聚酯纤维板因其不规则的网状致密细孔而具有良好的吸音功能，其吸音频谱宽，在特定的噪声范围内吸音系数峰值很高，可以有效降低噪音的传播，提高室内环境的舒适度。同时，它还具有一定的隔热性能，有助于减少能源消耗。

### 4. 无味防霉，绿色环保：

聚酯纤维板在生产过程中较少使用有害物质，其甲醛释放量及放射性指数均优于国家标准。产品本身具有防尘、抗污及防霉的特点，不会对人体健康造成危害，是一种真正的绿色环保产品。

### 4. 防火安全，性能达标：

聚酯纤维板符合国家标准GB8624防火B1级要求，具有良好的阻燃性能，可以安全应用于室内装饰。

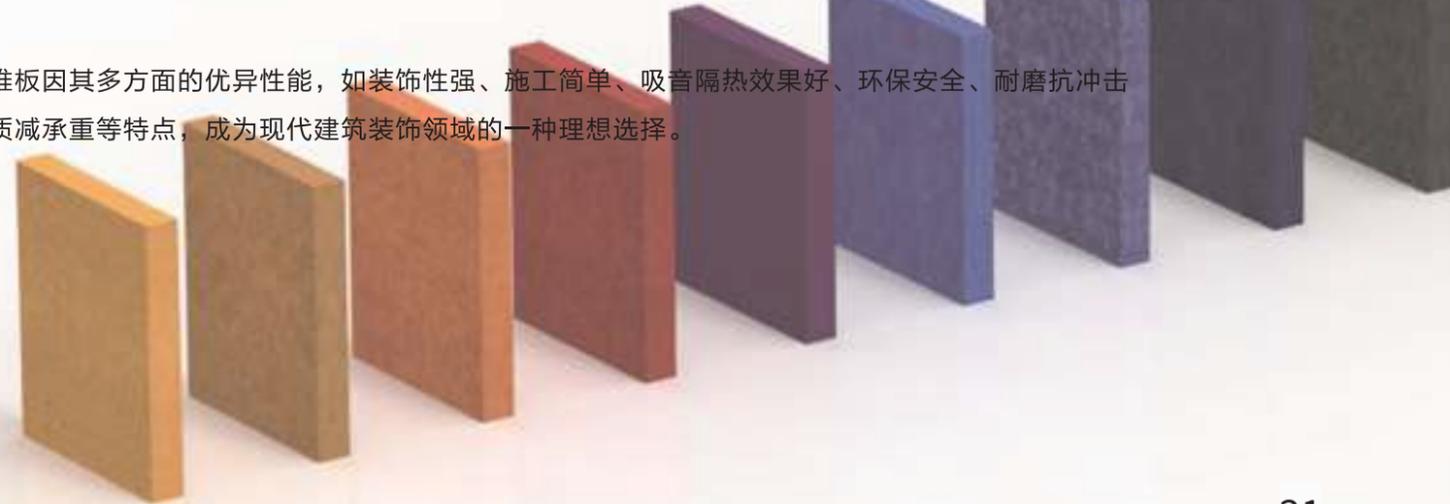
### 5. 耐磨耐久，抗冲击性强：

聚酯纤维板具有较高的耐久性和抗磨损性，能够经受日常使用和磨损，不易变形或开裂，保证了其长久的使用寿命。

### 6. 轻质材料，减轻承重：

聚酯纤维板是一种轻质材料，密度低、重量轻，有效减小了建筑物的承重负担，同时也降低了运输和安装的成本。

聚酯纤维板因其多方面的优异性能，如装饰性强、施工简单、吸音隔热效果好、环保安全、耐磨抗冲击以及轻质减承重等特点，成为现代建筑装饰领域的一种理想选择。



## Characteristics of polyester fiber sound-absorbing board

Polyester fiberboard is a composite board made of polyester resin and fiber materials. This type of board has multiple significant characteristics, making it widely used in the field of architectural decoration. The following are the main characteristics of polyester fiberboard:

### 1. Strong decoration and diverse colors:

The surface of polyester fiberboard is dense and can be processed into various exquisite colored or three-dimensional patterns to meet different aesthetic needs. In addition, it is easy to cut and assemble, allowing for the free combination of patterns and shapes, greatly improving the flexibility and aesthetic taste of decoration.

### 2. Simple construction and convenient replacement:

The construction process of polyester fiberboard is relatively simple, and it can be directly pasted on walls or ceilings without the need for complex processing techniques. Meanwhile, due to its diverse specifications, it is easy to change shape and size, simplifying the construction process.

### 3. Sound absorption and thermal insulation, superior effect:

Polyester fiberboard has good sound absorption function due to its irregular network of dense pores. Its sound absorption spectrum is wide, and the peak sound absorption coefficient is high within a specific noise range. It can effectively reduce the propagation of noise and improve the comfort of indoor environment. At the same time, it also has certain insulation performance, which helps to reduce energy consumption.

### 4. Odorless and moldy proof, green and environmentally friendly:

Polyester fiberboard uses less harmful substances in the production process, and its formaldehyde release and radioactive index are better than national standards. The product itself has the characteristics of dust-proof, anti fouling, and anti mold, which will not cause harm to human health. It is a truly green and environmentally friendly product.

### 4. Fire safety and performance standards:

Polyester fiberboard meets the B1 fire resistance requirements of the national standard GB8624 and has good flame retardant performance, which can be safely applied in indoor decoration.

### 5. Wear resistance, durability, and strong impact resistance:

Polyester fiberboard has high durability and wear resistance, can withstand daily use and wear, is not easy to deform or crack, ensuring its long-term service life.

### 6. Lightweight materials to reduce load-bearing:

Polyester fiberboard is a lightweight material with low density and light weight, which effectively reduces the load-bearing capacity of buildings and also reduces transportation and installation costs. Polyester fiberboard has become an ideal choice in the field of modern architectural decoration due to its excellent performance in various aspects, such as strong decoration, simple construction, good sound absorption and insulation effect, environmental protection and safety, wear resistance and impact resistance, as well as lightweight and load-bearing reduction.



降噪系数:  
NRC  
**0.91**

平均吸声系数  
 $a_s$   
**0.81**



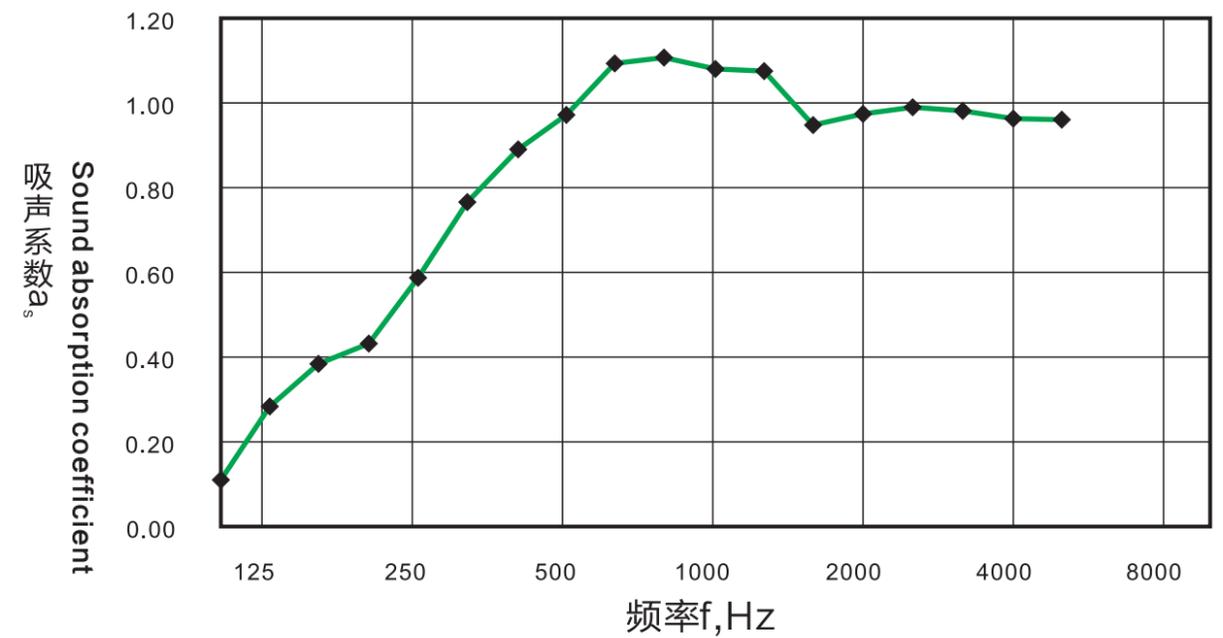
噪音 Noise

噪音 Noise

聚酯纤维吸音性能  
Polyester fiber sound absorption performance

混响室吸声性能测试  
Sound absorption performance test of reverberation room

频率 f Hz	100	125	160	200	250	315	400	500	630
$a_s$ (1/3倍频程)	0.11	0.28	0.38	0.43	0.58	0.76	0.89	0.97	1.09
频率 f Hz	800	1000	1250	1600	2000	2500	3150	4000	5000
$a_s$ (1/3倍频程)	1.11	1.08	1.07	0.95	0.97	0.99	0.98	0.96	0.96



聚酯纤维阻燃性能

Flame retardant performance of polyester fibers

燃烧性能测试

Combustion performance testing

试验方法 Test method	试验参数 Experimental parameters	样品数量 Sample quantity	试验结果 Test result
建筑材料或制品 的单体燃烧试验  Individual combustion test of building materials or products	燃烧增长速率指数 $FIGRA_{0,2MJ}(W/s)$ Combustion growth rate index $FIGRA_{0,2MJ}(W/s)$	3	51.4
	燃烧增长速率指数 $FIGRA_{0,4MJ}(W/s)$ Combustion growth rate index $FIGRA_{0,4MJ}(W/s)$		40.5
	火焰横向蔓延 LFS<试样边缘 Lateral flame propagation LFS<specimen edge		是 Yes
	前 600秒总放热量 $THR_{600s}(MJ)$ Total heat release in the first 600 seconds $THR_{600s}(MJ)$		1.9
	烟气生成速率指数 $SMOGRA(m^2/s^2)$ Smoke generation rate index $SMOGRA(m^2/s^2)$		2.1
	前 600秒总产烟量 $TSP_{600s}(m^2)$ Total smoke production in the first 600 seconds $TSP_{600s}(m^2)$		16.9
	600s内是否有燃烧滴落物/颗粒物 [若有, 燃烧时间:( $\leq 10s$ / $> 10s$ )] Is there any combustion droplets/particles within 600 seconds [If so, combustion time: ( $\leq 10s$ / $> 10s$ )]		<input type="checkbox"/> Nothing
建筑材料可燃性 试验方法 点火时间30s	60s内焰尖高度 $F_s \leq 150mm$ 60s internal flame tip height $F_s \leq 150mm$	12	是 Yes
	60s内燃烧滴落物是否引燃滤纸 Does the combustion droplets within 60 seconds ignite the filter paper		否 NO

测试结果符合燃烧性能等级 B1(B)级

The test results meet the combustion performance level B1 (B)

建筑材料及制品的燃烧性能等级和分级判据

Burning performance grades and grading criteria for building materials and products

燃烧性能等级 Combustion performance level	分级判据 Grading criteria		
A	<b>A1</b> 炉内温升 $\Delta TS \leq 30^\circ C$ 损失率 $\Delta m \leq 50\%$ 持续燃烧时间 $t_c = 0$  总热值 $PCS \leq 2.0 MJ/kg^{a,b,c,e}$ 总热值 $PCS \leq 1.4 MJ/m^{2d}$	Furnace temperature rise $\Delta TS \leq 30^\circ C$ Loss rate $\Delta m \leq 50\%$ Continuous combustion time $t_c = 0$  Total calorific value $PCS \leq 2.0 MJ/kg^{a,b,c,e}$ Total calorific value $PCS \leq 1.4 MJ/m^{2d}$	
	<b>A2</b> 炉内温升 $\Delta TS \leq 50^\circ C$ 损失率 $\Delta m \leq 50\%$ 持续燃烧时间 $t_c = 20s$  总热值 $PCS \leq 3.0 MJ/kg^{a,*}$ 总热值 $PCS \leq 4.0 MJ/m^{2b,d}$  燃烧增长速率指数 $FIGRA_{0,2MJ} \leq 120 W/s$ 火焰横向蔓延未到达试样长翼边缘 600s的总放热量 $THR_{600s} \leq 7.5 MJ$	Furnace temperature rise $\Delta TS \leq 50^\circ C$ Loss rate $\Delta m \leq 50\%$ Continuous combustion time $t_c = 20s$  Total calorific value $PCS \leq 3.0 MJ/kg^{a,*}$ Total calorific value $PCS \leq 4.0 MJ/m^{2b,d}$  Combustion growth rate index $FIGRA_{0,2MJ} \leq 120 W/s$ . The lateral spread of flames did not reach the edge of the long wing of the sample. Total heat release of 600s $THR_{600s} \leq 7.5 MJ$ .	
		<b>B</b> 燃烧增长速率指数 $FIGRA_{0,2MJ} \leq 120 W/s$ 火焰横向蔓延未到达试样长翼边缘 600s的总放热量 $THR_{600s} \leq 7.5 MJ$	Combustion growth rate index $FIGRA_{0,2MJ} \leq 120 W/s$ . The lateral spread of flames did not reach the edge of the long wing of the sample. Total heat release of 600s $THR_{600s} \leq 7.5 MJ$ .
			<b>B1</b> 60s内焰尖高度 $F_s \leq 150mm$ 60s内无燃烧滴落物引燃滤纸现象
<b>B2</b>	<b>C</b> 燃烧增长速率指数 $FIGRA_{0,4MJ} \leq 250 W/s$ 火焰横向蔓延未到达试样长翼边缘 600s的总放热量 $THR_{600s} \leq 15 MJ$	Combustion growth rate index $FIGRA_{0,4MJ} \leq 250 W/s$ The lateral spread of flames did not reach the edge of the long wing of the sample Total heat release of 600s $THR_{600s} \leq 15 MJ$	
	60s内焰尖高度 $F_s \leq 150mm$ 60s内无燃烧滴落物引燃滤纸现象	60s internal flame tip height $F_s \leq 150mm$ No combustion droplets ignite filter paper within 60 seconds	
	<b>D</b> 燃烧增长速率指数 $FIGRA_{0,4MJ} \leq 750 W/s$	Combustion growth rate index $FIGRA_{0,4MJ} \leq 750 W/s$	
<b>B3</b>	<b>E</b> 20s内焰尖高度 $F_s \leq 150mm$	20s internal flame tip height $F_s \leq 150mm$	
	<b>F</b> 20s内无燃烧滴落物引燃滤纸现象	No combustion droplets ignite filter paper within 20 seconds	
<p>a 匀质制品或非匀质制品的主要组分。 a. The main components of homogeneous or non-uniform products.</p> <p>b 非匀质制品的外部次要组分。 b. External secondary components of non-uniform products.</p> <p>c 当外部次要组分的 <math>PCS \leq 2.0 MJ/m^2</math> 时,若整体制品的 <math>FIGRA_{0,2MJ} \leq 20 W/S</math>, LFS&lt;试样边缘, <math>THR_{600s} \leq 4.0 MJ</math> 并达到 s1 和 d0 级, 则达到 A1 级。 c. When the PCS of external secondary components is <math>\leq 2.0 MJ/m^2</math>, and the <math>FIGRA_{0,2MJ}</math> of the overall product is <math>\leq 20 W/S</math>, LFS&lt;specimen edge, If <math>THR_{600s} \leq 4.0 MJ</math> and reaches levels s1 and d0, it reaches level A1.</p> <p>d 非匀质制品的任一内部次要组分。 d. Any internal secondary component of a non-uniform product.</p> <p>e 整体制品。 e. Integrated product.</p>			
<p>对墙面保温泡沫塑料, 除符合表中规定外应同时满足以下要求: B 级氧指数 <math>OI \geq 30\%</math>; Bz 级氧指数 <math>OI &gt; 26\%</math>。试验依据标准为 GB/T 2406.2。 For wall insulation foam plastics, in addition to meeting the provisions in Table 2, the following requirements shall also be met: Grade B oxygen index <math>OI \geq 30\%</math>; Grade Bz oxygen index <math>OI &gt; 26\%</math>. The experimental standard is GB/T 2406.2.</p>			

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