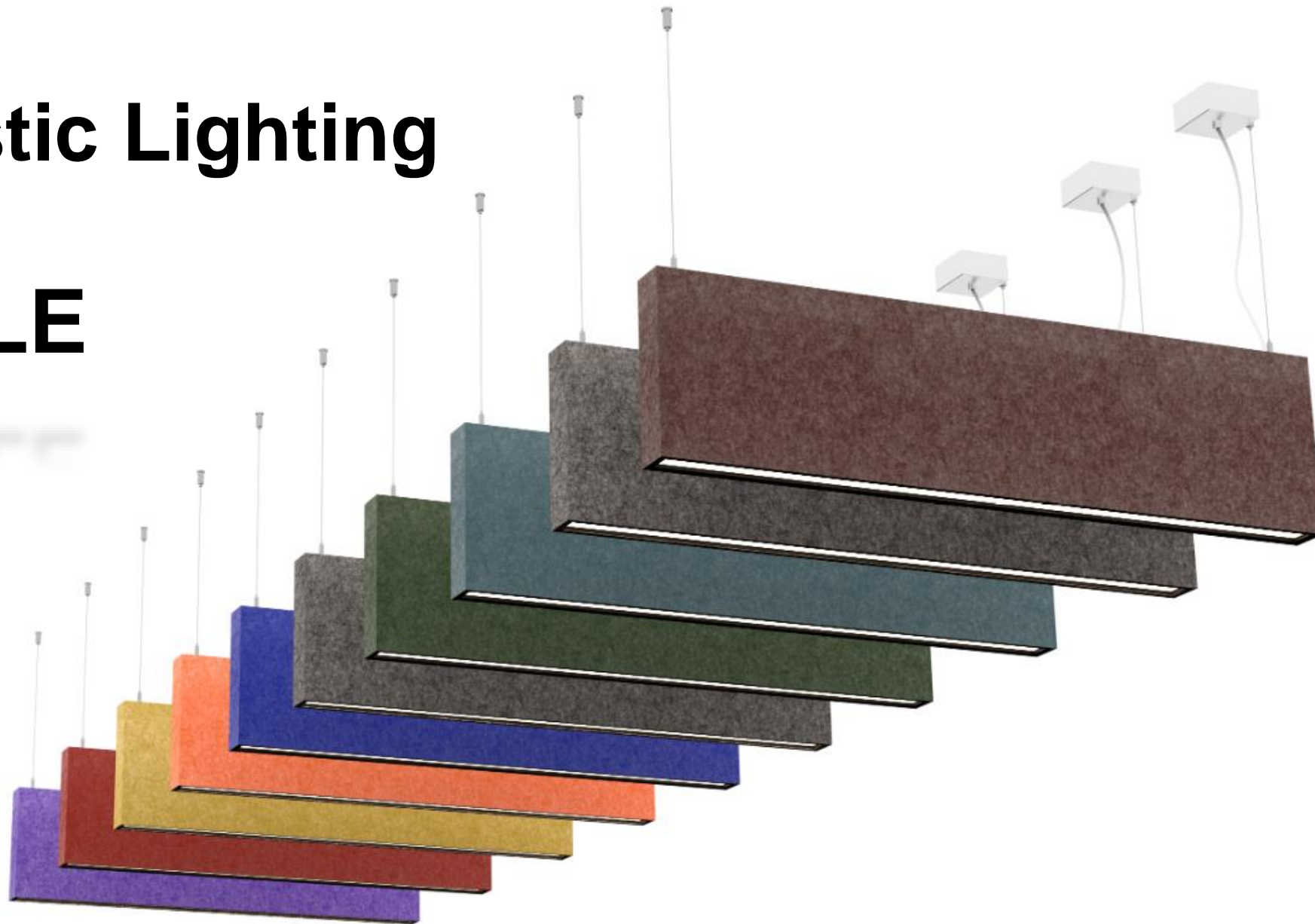


# Acoustic Lighting

AUDILE

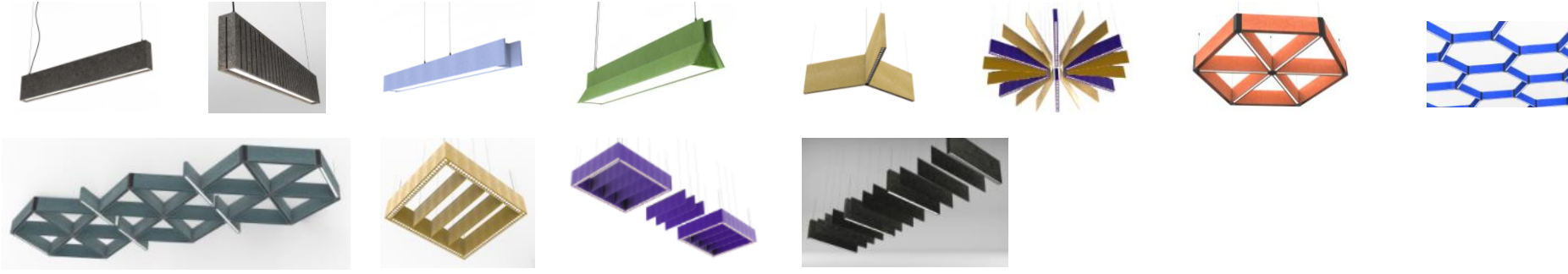


# Advantages of Acoustic Lighting

By using acoustical absorbing materials and sound trapping strategies such as the Helm-holtz resonance principal, we can create areas to trap the sound. This can be done using wall coverings and carpets but given the desire for clean sleek minimal spaces it makes sense to deploy an acoustical system incorporating the lit environment of the space.

Reduce office noise transmission and increase employee well-being

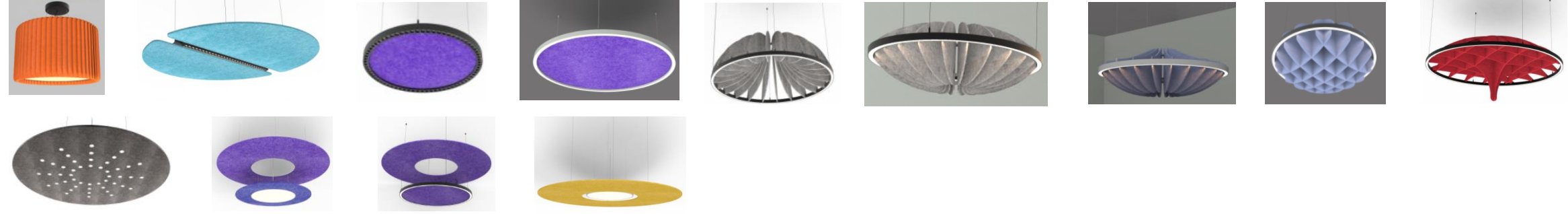
Linear

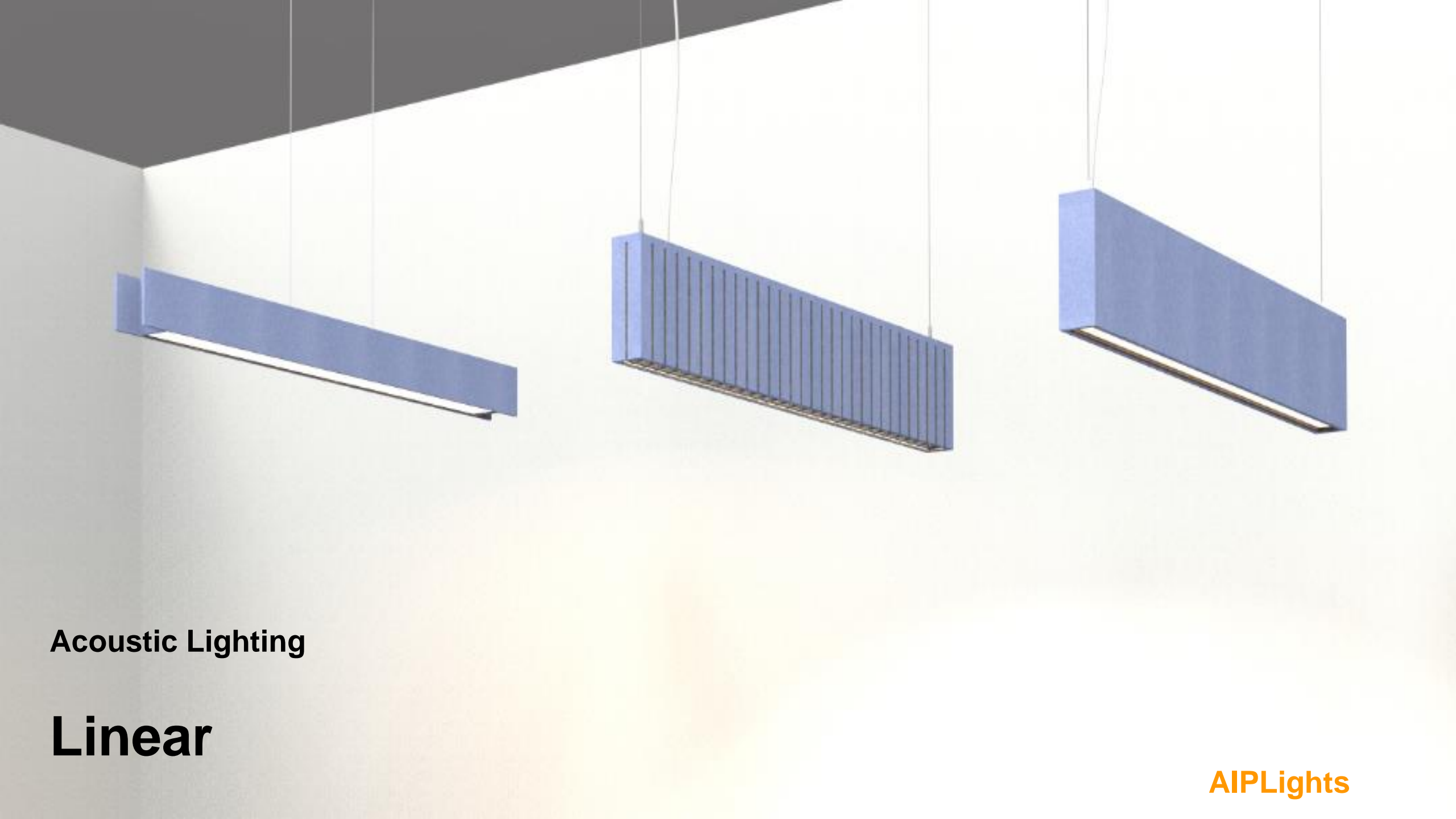


Square



Round





**Acoustic Lighting**

**Linear**

**AIPLights**



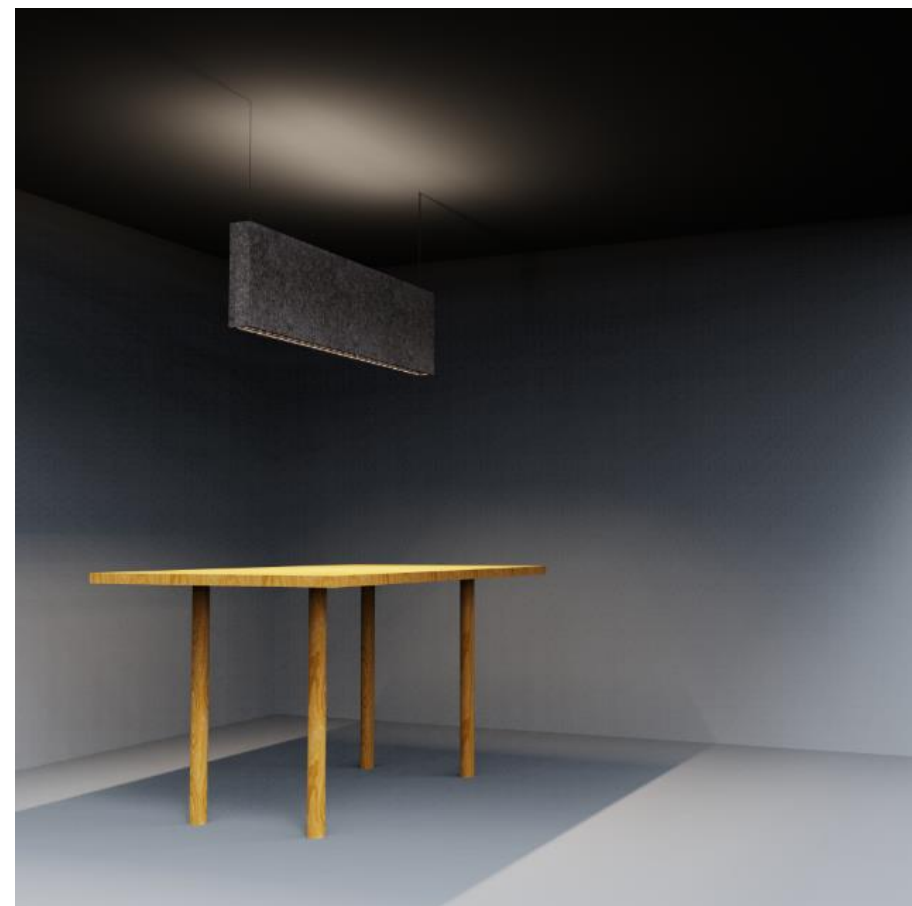
## AUDILE-SL Series

Suspended Acoustic LED Light

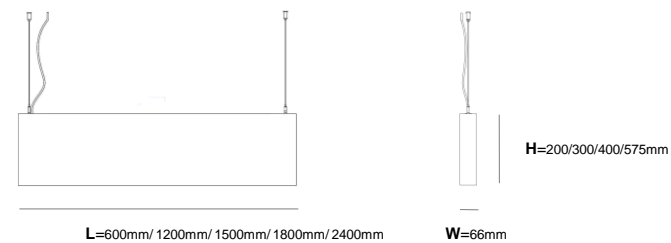
### Describe

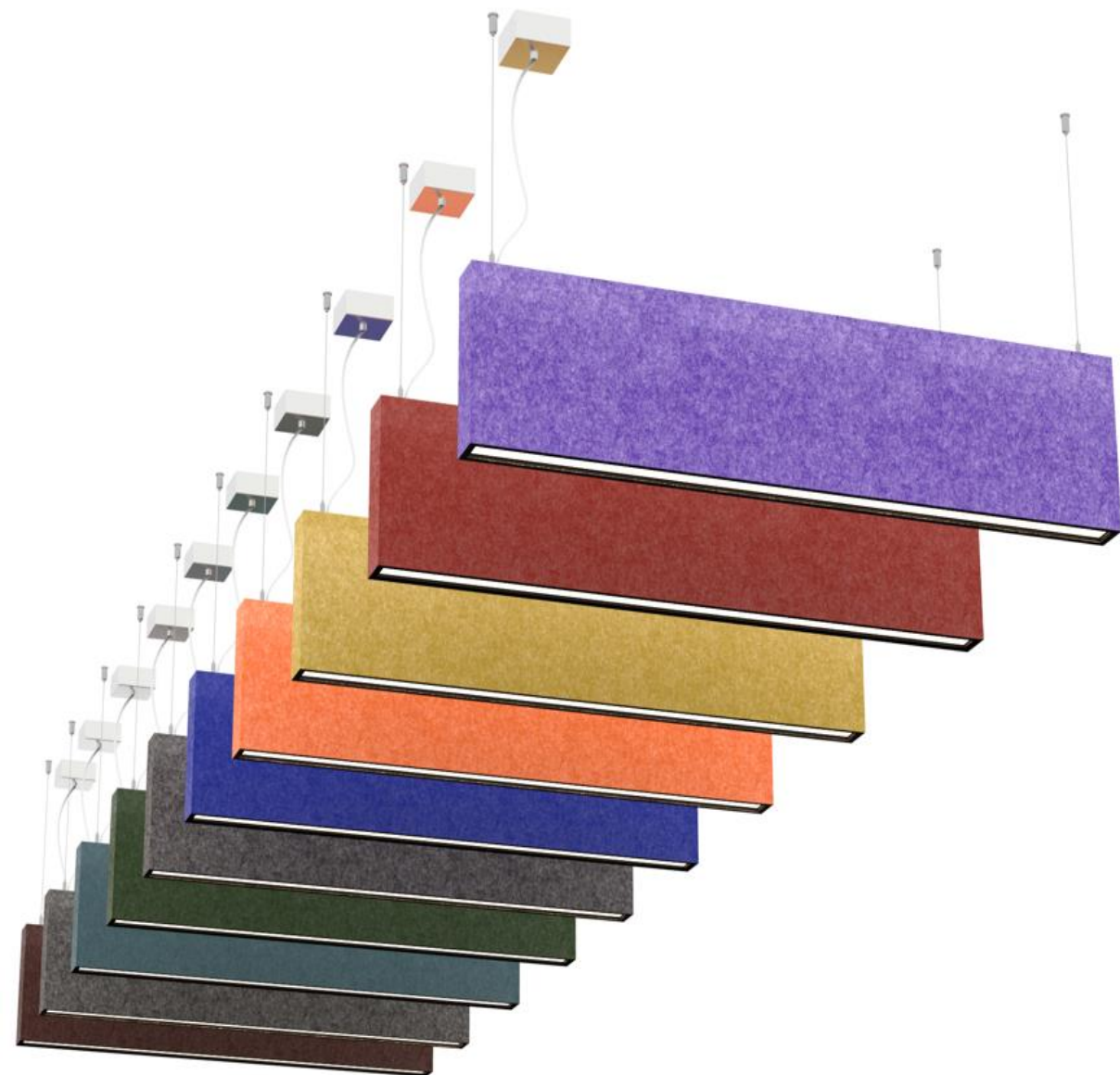
Superior craftsmanship meets optical performance and premium sound absorption in our AUDILE-SL line. Fireproof and Eco-friendly, reduces ecological impact, kinds of color options, shape options, create a coordinated look in interior spaces, made using fine-cut acoustic felt, suit to be decoration.

This acoustic luminaire is made of PET, a recycled PET bottle material with exceptional sound absorption properties that supports sustainability.



### Product Size





# OPTIONS

## Length & Wattage

600mm (18W)  
1200mm (36W)  
1500mm (48W)  
1800mm (60W)  
2400mm (80W)

## Input Voltage

AC 200-240V  
AC 100-277V

## Optics

90° microprismatic  
10° /20° /34° /48° Reflector Cup  
12° /24° /38° /50° Lens  
120° Opal  
90° Hexagon Pattern Film  
10° /20° Turnable Spotlight

## LED Light housing color

Black RAL 9005  
White RAL 9003  
White RAL 9016  
Gray RAL 9006

## Height

200mm  
300mm  
400mm  
575mm

## CRI

90+  
95+

## Power Supply

ON/OFF  
0-10V  
DALI  
Triac

## Distribution

Direct  
Direct/ Indirect

## Color temperature

2700K  
3000K  
4000K  
5700K  
3CCT

## Extra Features

light Sensor (ON/OFF)  
Motion Sensor (ON/OFF)  
Emergency





### AUDILE-SL60200-6MDI-T9

---

Product Size: L1168×W66×H200mm

Optics: microprismatic

Power: 30W

CRI 92

Efficacy: 80-85 lm/W

Luminous flux: 2400-2550 lm

UGR<19

Beam: Direct 90° ; Indirect 120°

Distribution: 50% direct; 50% indirect



### AUDILE-SL60300-6SLDL-T9

---

Product Size: L1168×W66×H300mm

Optics: Lens and Steerable spotlight

Power 36W

CRI 92

Efficacy 90-95 lm/W

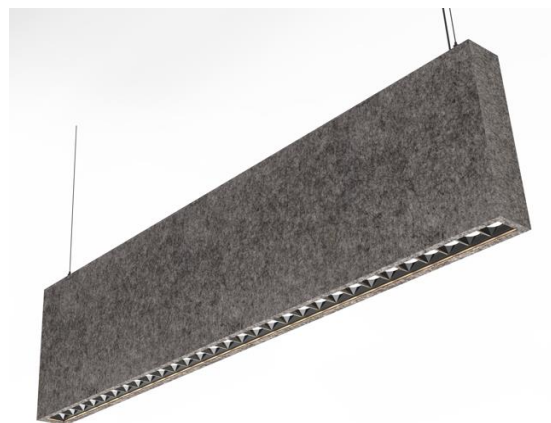
Luminous flux: 3600-3780 lm

UGR<16

Beam: combination

Distribution: 100% direct

Steerable spotlight power 3W-4W



### AUDILE-SL60400-6LDI-T9

---

Product Size: L1168×W66×H400mm

Optics: Anti glare Lens

Power 36W

CRI 92

Efficacy 105-110 lm/W

Luminous flux: 3780-3960 lm

UGR<13

Beam: Direct 12° /24° /38° /50° ; Indirect 120°

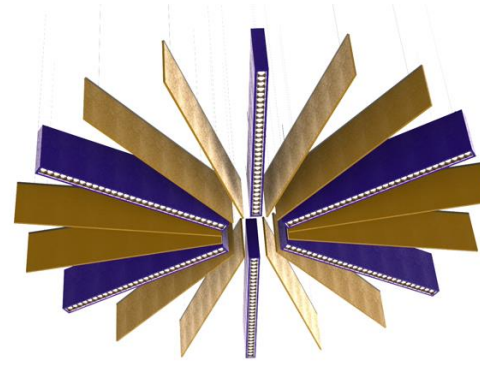
Distribution: 70% direct; 30% indirect



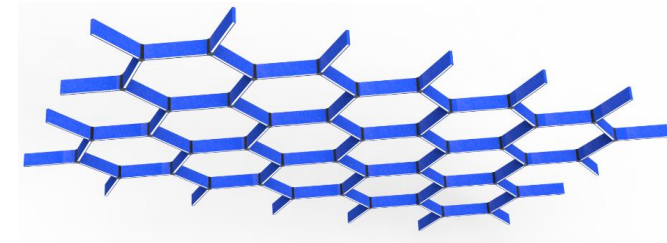
**Combination Shape 1**



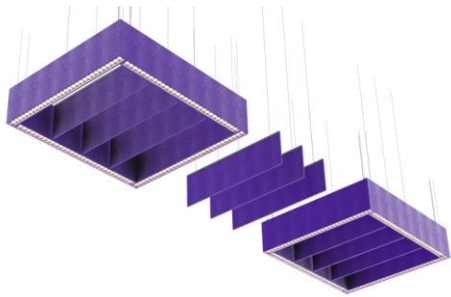
**Combination Shape 2**



**Combination Shape 3**



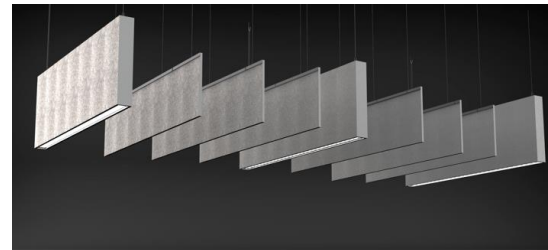
**Combination Shape 4**



**Combination Shape 5**



**Combination Shape 6**



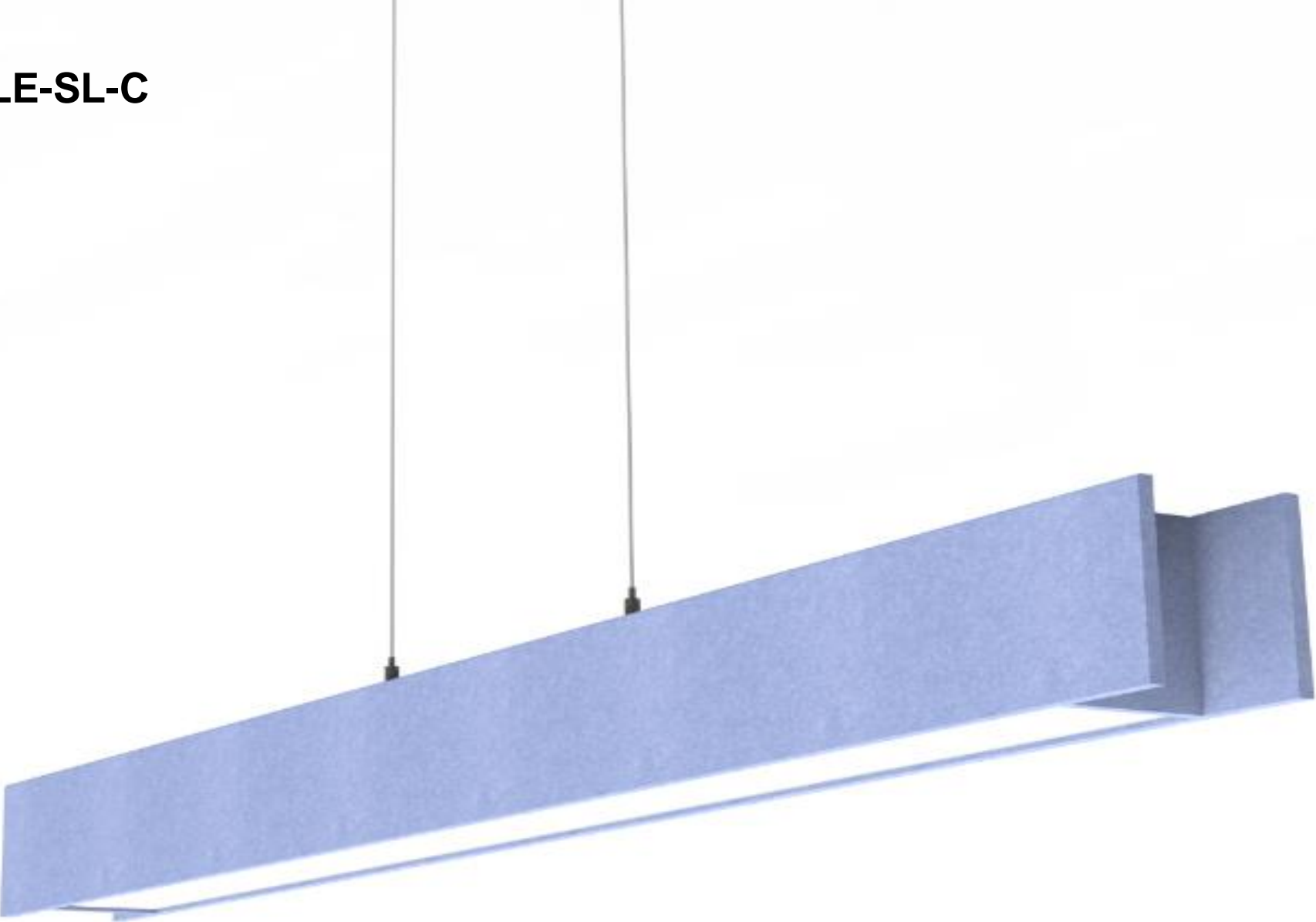
**Combination Shape 7**

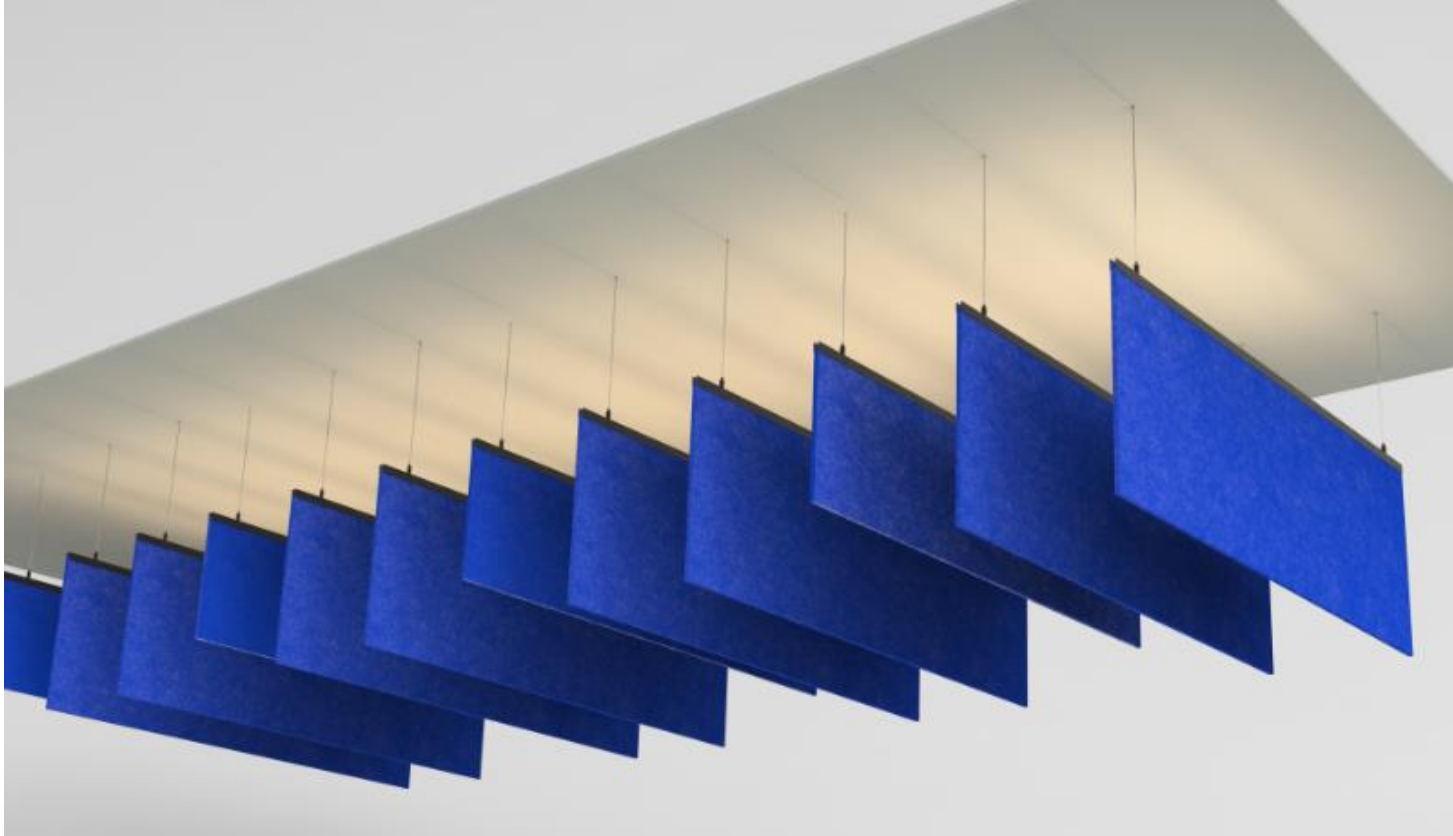


AUDILE-SL-B



AUDILE-SL-C





**Suspended Acoustic panel** (vertical suspended)

OPTIONS

Length

- 600mm
- 1200mm
- 1500mm
- 1800mm
- 2400mm

Height

- 200mm
- 300mm
- 400mm
- 575mm

# AUDILE-SP6060

Acoustic Lighting



**AIPLights**



**AUDILE-SP6060** Suspended Acoustic LED Light

## Describe

AUDILE-SP6060 made by sound absorbing with high Density PET felt, Featuring double layers of acoustic panels. AUDILE-SP tucks into open ceilings and ductwork for a clean look.

2 or more color AUDILE-SP available in pre-assembled different collocations, such as orange and yellow can be integrated into light colored halls, grey and black can be integrated into office, Shipped directly from factory.

AUDILE-SP6060 are architectural and decorative, and add visual interest and dynamism to any given space.

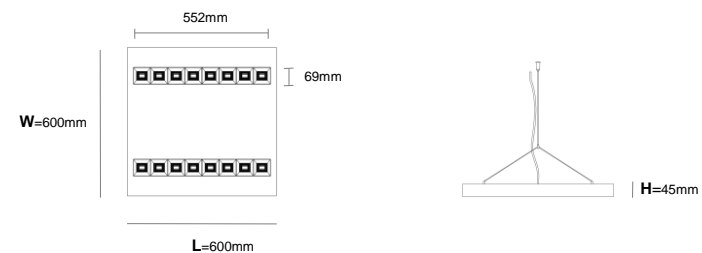
Fireproof and Flame retardant, suitable for high rise buildings.

PET Felt Thickness 9MM, 12MM options.

Support Extra function for AUDILE-SP6060: light sensor/ Motion sensor/ emergency.



## Product Size

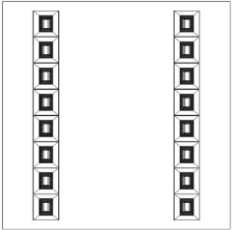




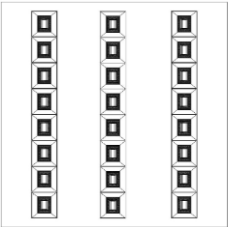
# OPTIONS

## Lens Model

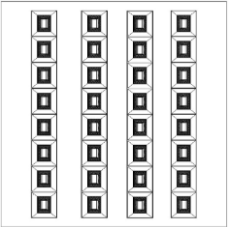
2 Lens (36W)



3 Lens (48W)



4 Lens (60W)



## Optics

65° Lens (Silver plating)



65° Lens (White spray paint)



## Input Voltage

AC 200-240V  
AC 100-277V

## CRI

90+  
95+

## Color temperature

2700K  
3000K  
4000K  
5700K

## Power Supply

ON/OFF  
0-10V  
DALI  
Triac

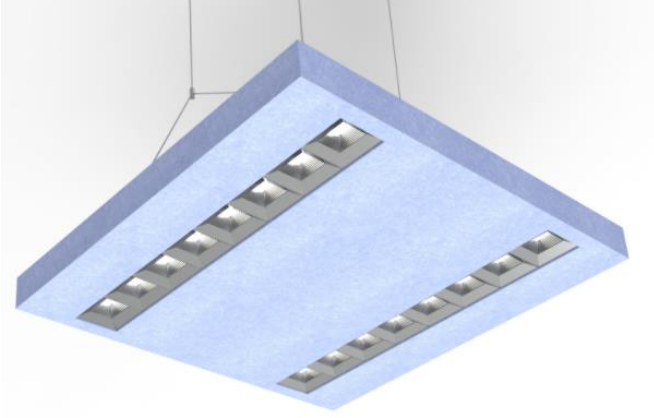
## Extra Features

light Sensor (ON/OFF)  
Motion Sensor (ON/OFF)  
Emergency

## LED Light housing color

Black RAL 9005  
White RAL 9003  
White RAL 9016  
Gray RAL 9006





### AUDILE-SP6060-2L-T9

---

Product Size: 600×600×45mm

Optics: Lens

Power: 36W

CRI 92

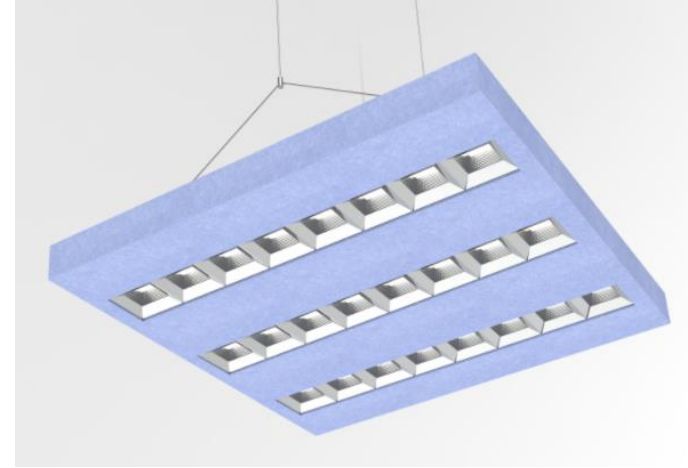
Efficacy: 110-115 lm/W

Luminous flux: 3960-4140 lm

UGR<19

Beam: Direct 65°

Distribution: 100% direct



### AUDILE-SP6060-3L-T9

---

Product Size: 600×600×45mm

Optics: Lens

Power: 48W

CRI 92

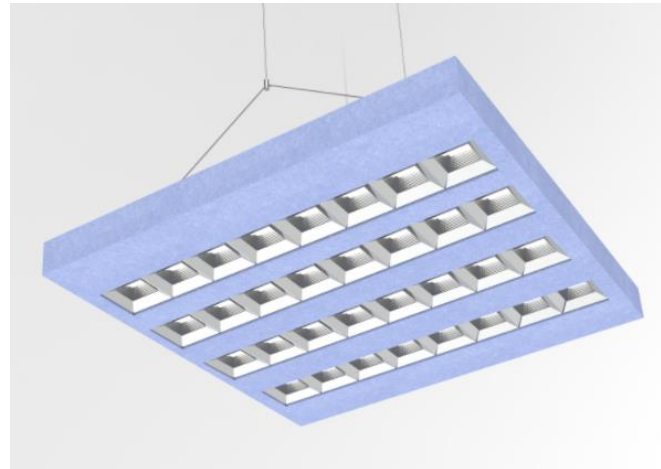
Efficacy: 110-115 lm/W

Luminous flux: 5280-5520 lm

UGR<19

Beam: Direct 65°

Distribution: 100% direct



### AUDILE-SP6060-4L-T9

---

Product Size: 600×600×45mm

Optics: Lens

Power: 60W

CRI 92

Efficacy: 110-115 lm/W

Luminous flux: 6600-69000 lm

UGR<19

Beam: Direct 65°

Distribution: 100% direct

# AUDILE-SP12060

Acoustic Lighting



AIPLights



## AUDILE-SP12060      Suspended Acoustic LED Light

### Describe

AUDILE-SP12060 made by sound absorbing with high Density PET felt, Featuring double layers of acoustic panels. AUDILE-SP tucks into open ceilings and ductwork for a clean look.

2 or more color AUDILE-SP available in pre-assembled different collocations, such as orange and yellow can be integrated into light colored halls, grey and black can be integrated into office, Shipped directly from factory.

AUDILE-SP12060 are architectural and decorative, and add visual interest and dynamism to any given space.

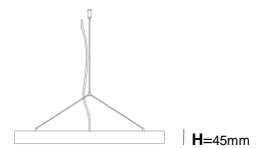
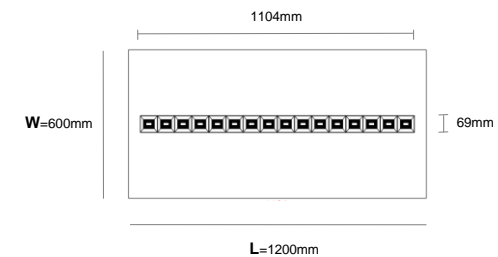
Fireproof and Flame retardant, suitable for high rise buildings.

PET Felt Thickness 9MM, 12MM options.

Support Extra function for AUDILE-SP12060: light sensor/ Motion sensor/ emergency.



### Product Size





# OPTIONS

## Lens Quantity

1 Lens (48W)



2 Lens (60W)



3 Lens (96W)



## Optics

65° Lens (Silver plating)



65° Lens (White spray paint)



## Input Voltage

AC 200-240V

AC 100-277V

## CRI

90+

95+

## Color temperature

2700K

3000K

4000K

5700K

## Power Supply

ON/OFF

0-10V

DALI

Triac

## Extra Features

light Sensor (ON/OFF)

Motion Sensor (ON/OFF)

Emergency

## LED Light housing color

Black RAL 9005

White RAL 9003

White RAL 9016

Gray RAL 9006



### **AUDILE-SP12060-L-T9**

---

Product Size: L1200×W600×H45mm

Optics: Lens

Power 36W

CRI 92

Efficacy 110-115 lm/W

Luminous flux: 3960-4140 lm

UGR<19

Beam: Direct 65°

Distribution: 100%



### **AUDILE-SP12060-2L-T9**

---

Product Size: L1200×W600×H45mm

Optics: Lens

Power 48W

CRI 92

Efficacy 110-115 lm/W

Luminous flux: 5280-5520 lm

UGR<19

Beam: Direct 65°

Distribution: 100%



## OPTIONS

### Size

---

600×600  
1200×300  
1200×600  
1200×1200  
1200×1600  
2400×1200

**Suspended Acoustic panel** (flat suspended)



# AUDILE-FY

Acoustic Lighting



AIPLights



**AUDILE-FY**

Suspended Acoustic LED Light

## Describe

AUDILE-FY Acoustic Lighting Series is designed to add more value to your office culture and answer light and acoustic needs in one product, concentrating not only on the vision but also on other senses. The integration of acoustic panels and light unit brings 'Values' to office spaces such as 'Serenity' 'Concentration' and 'Comfort' leading to motivation, creativity, ease of cognition and of course harmony in a work environment.

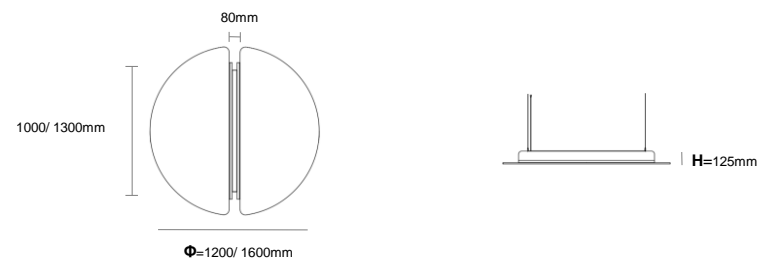
AUDILE-FY offers Six standard optics for advanced illumination—Micro-Prism Diffuser, Hexagon Pattern Film, Opal Diffuser, High-Efficiency Lens, Low UGR Reflector Cup, and Turnable spotlight—as well as adjustable accent modules.

Fireproof and Flame retardant, suitable for high rise buildings.

Direct or Direct and indirect options.



## Product Size





# OPTIONS

## Size & Wattage

- Φ600mm (18W)
- Φ1200mm (36W)
- Φ1600mm (48W)

## CRI

- 90+
- 95+

## Power Supply

- ON/OFF
- 0-10V
- DALI
- Triac

## Distribution

- Direct
- Direct/ Indirect

## Color temperature

- 2700K
- 3000K
- 4000K
- 5700K
- 3CCT

## Extra Features

- light Sensor (ON/OFF)
- Motion Sensor (ON/OFF)
- Emergency

## Input Voltage

- AC 200-240V
- AC 100-277V

## Optics

- 90° microprismatic
- 10° /20° /34° /48° Reflector Cup
- 12° /24° /38° /50° Lens
- 120° Opal
- 90° Hexagon Pattern Film
- 10° /20° Turnable Spotlight

## LED Light housing color

- Black RAL 9005
- White RAL 9003
- White RAL 9016
- Gray RAL 9006



## AUDILE-FY-L-T9

Product Size:  $\Phi 1200 \times H124\text{mm}$

Optics: Anti glare Lens

Power 36W

CRI 92

Efficacy 100-105 lm/W

Luminous flux: 3600-3780 lm

UGR  $< 16$

Beam: Direct  $12^\circ$  /  $24^\circ$  /  $38^\circ$  /  $50^\circ$  ;

Distribution: 100% direct



## AUDILE-FY-M-T9

Product Size:  $\Phi 1600 \times H124\text{mm}$

Optics: microprismatic

Power: 30W

CRI 92

Efficacy: 80-85 lm/W

Luminous flux: 2400-2550 lm

UGR  $< 19$

Beam: Direct  $90^\circ$  ; Indirect  $120^\circ$

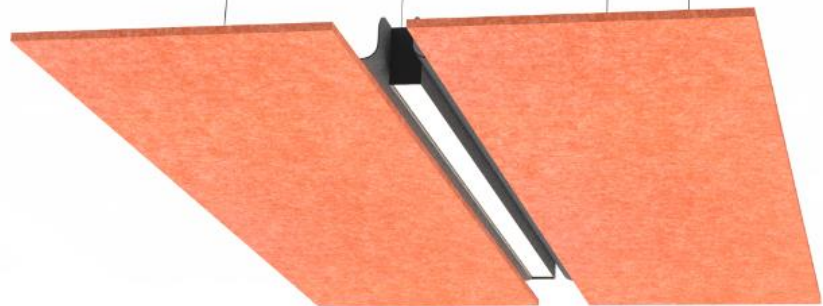
Distribution: 50% direct; 50% indirect

# AUDILE-FY-Z

Acoustic Lighting



AIPLights



## AUDILE-FY-Z

### Suspended Acoustic LED Light

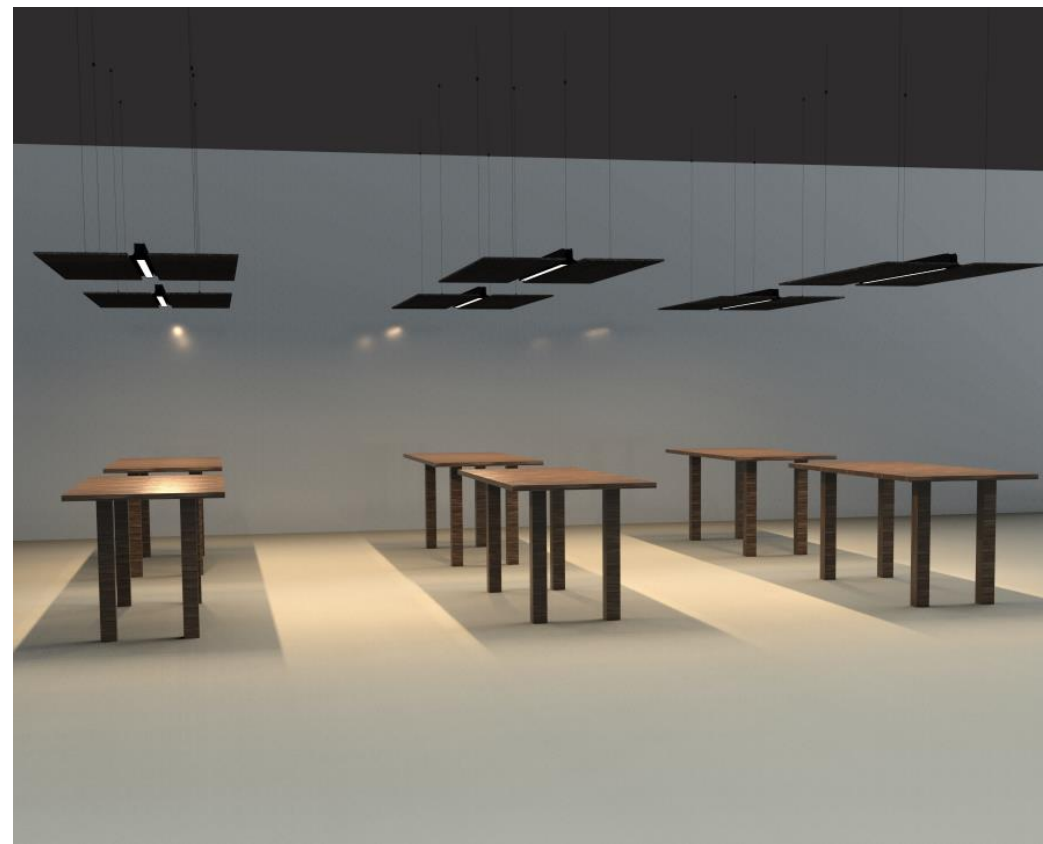
#### Describe

AUDILE-FY-Z Acoustic Lighting Series is designed to add more value to your office culture and answer light and acoustic needs in one product, concentrating not only on the vision but also on other senses. The integration of acoustic panels and light unit brings 'Values' to office spaces such as 'Serenity' 'Concentration' and 'Comfort' leading to motivation, creativity, ease of cognition and of course harmony in a work environment.

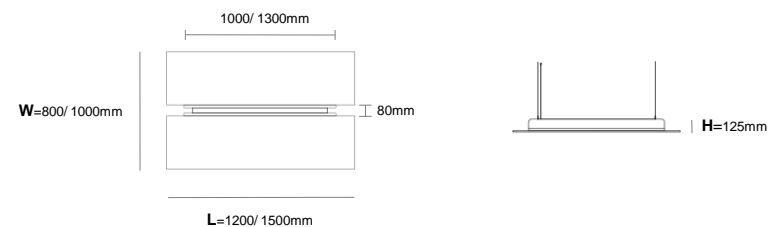
AUDILE-FY-Z offers Six standard optics for advanced illumination—Micro-Prism Diffuser, Hexagon Pattern Film, Opal Diffuser, High-Efficiency Lens, Low UGR Reflector Cup, and Turnable spotlight—as well as adjustable accent modules.

Fireproof and Flame retardant, suitable for high rise buildings.

Direct or Direct and indirect options.



#### Product Size







# OPTIONS

## Size & Wattage

600×400mm (18W)  
1200×800mm (36W)  
1200×1000mm (36W)  
1500×1000mm (48W)

## CRI

90+  
95+

## Power Supply

ON/OFF  
0-10V  
DALI  
Triac

## Distribution

Direct  
Direct/ Indirect

## Color temperature

2700K  
3000K  
4000K  
5700K  
3CCT

## Extra Features

light Sensor (ON/OFF)  
Motion Sensor (ON/OFF)  
Emergency

## Input Voltage

AC 200-240V  
AC 100-277V

## Optics

90° microprismatic  
10° /20° /34° /48° Reflector Cup  
12° /24° /38° /50° Lens  
120° Opal  
90° Hexagon Pattern Film  
10° /20° Turnable Spotlight

## LED Light housing color

Black RAL 9005  
White RAL 9003  
White RAL 9016  
Gray RAL 9006



## AUDILE-FY-Z-L-T9

Product Size: L1500 × W1000 × H124mm

Optics: Lens

Power 48W

CRI 92

Efficacy 100-105 lm/W

Luminous flux: 4800-5040 lm

UGR < 16

Beam: Direct 12° / 24° / 38° / 50° ;

Distribution: 100% direct



## AUDILE-FY-Z-M-T9

Product Size: L1200 × W1000 × H124mm

Optics: microprismatic

Power: 24W

CRI 92

Efficacy: 80-85 lm/W

Luminous flux: 1920-2040 lm

UGR < 19

Beam: Direct 90° ; Indirect 120°

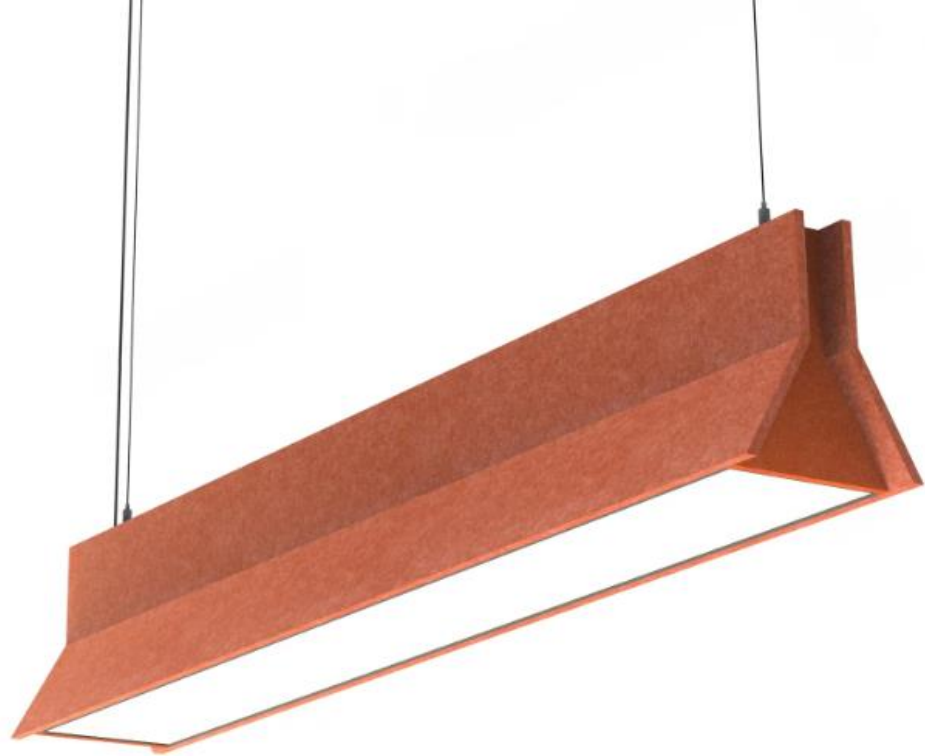
Distribution: 50% direct; 50% indirect

# AUDILE-SLP

Acoustic Lighting



AIPLights



## AUDILE-SLP

Suspended Acoustic LED Light

### Describe

---

AUDILE-SLP series has a large luminous area, high CRI LED, CRI rating more than 90, thus achieving excellent lighting effects and acoustic noise absorption.

You can coordinate and match the sides to the ends or choose a different color..

Four optics options, Micro-prism diffuser/ Lens / Opal diffuser / Hexagon Pattern Film.



### Product Size

---



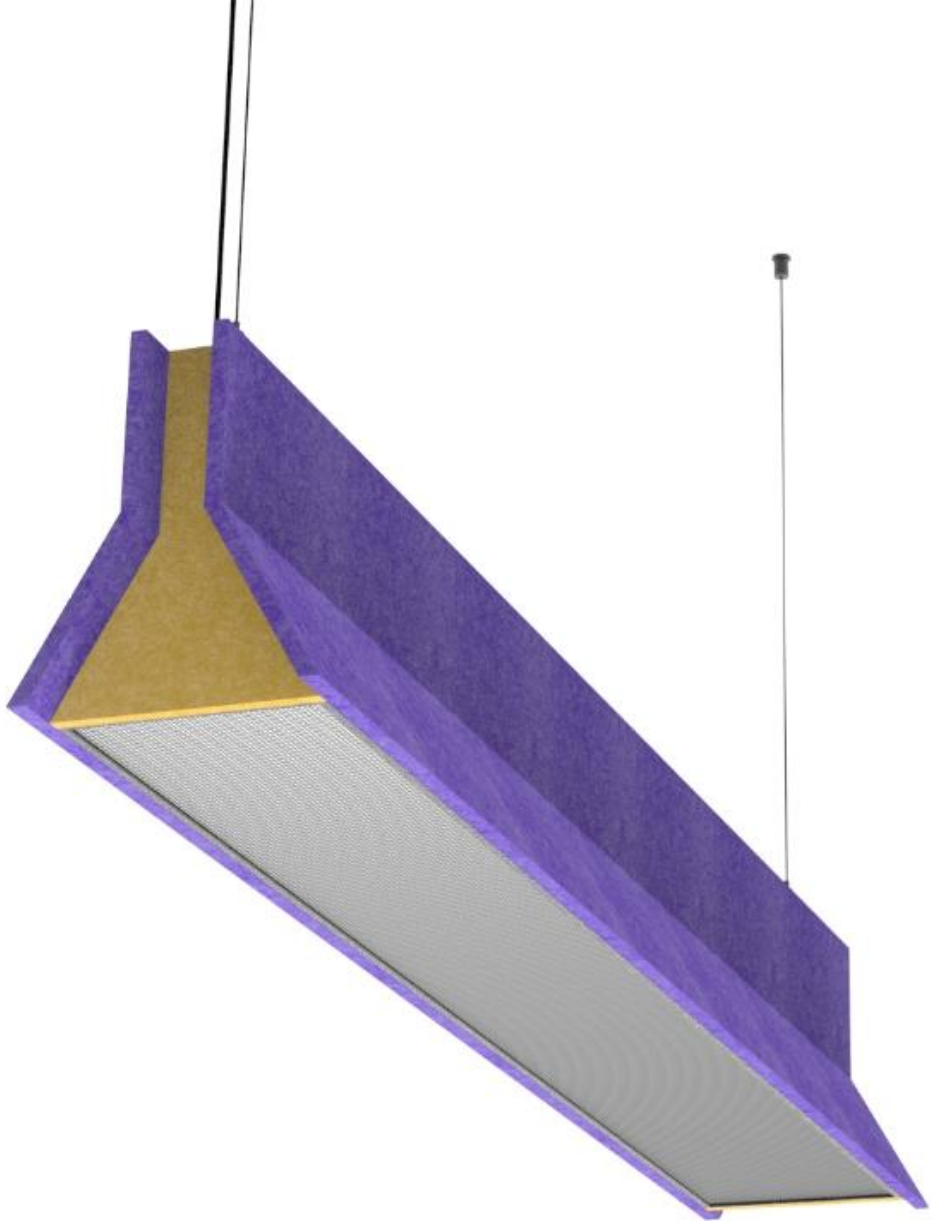
L=600mm/ 1200mm/ 1500mm/ 1800mm/ 2400mm



H=200mm

W=170mm

# OPTIONS



## Length & Wattage

600mm (18W)  
1200mm (36W)  
1500mm (48W)  
1800mm (60W)  
2400mm (80W)

## CRI

90+  
95+

## Power Supply

ON/OFF  
0-10V  
DALI  
Triac

## Distribution

Direct  
Direct/ Indirect

## Color temperature

2700K  
3000K  
4000K  
5700K

## Extra Features

light Sensor (ON/OFF)  
Motion Sensor (ON/OFF)  
Emergency

## Input Voltage

AC 200-240V  
AC 100-277V

## Optics

90° microprismatic  
65° Lens  
120° Opal  
90° Hexagon Pattern Film

## LED Light housing color

Black RAL 9005  
White RAL 9003  
White RAL 9016  
Gray RAL 9006



### AUDILE-SLP-M-T9

---

Product Size: L1800×W170×H200mm

Optics: microprismatic

Power: 60W

CRI 92

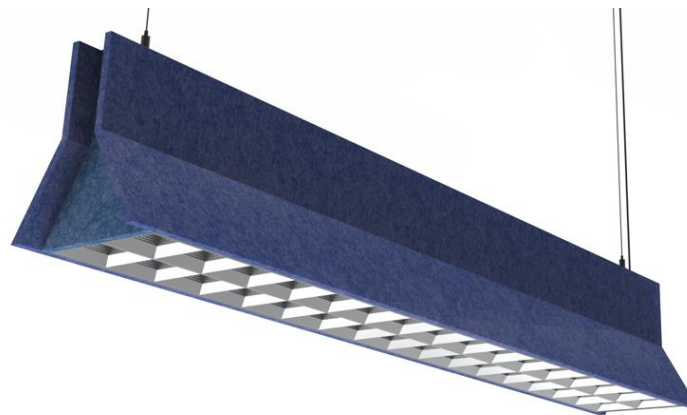
Efficacy: 105-110 lm/W

Luminous flux: 6300-6600 lm

UGR < 23

Beam: Direct 90°

Distribution: 100% direct



### AUDILE-SLP-L-T9

---

Product Size: L1185×W170×H200mm

Optics: Lens

Power: 42W

CRI 92

Efficacy: 115-120 lm/W

Luminous flux: 4830-5040 lm

UGR < 19

Beam: Direct 90°

Distribution: 100% direct

# AUDILE-LY

Acoustic Lighting



AIPLights



## AUDILE-LY Suspended Acoustic LED Light

### Describe

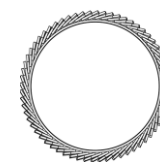
So much can be done with AUDILE-LY. The disk is a perennial classic in architectural design due to its versatile look. It is minimalist, elegant, bold, graceful, or fun; it can blend in or make a statement. Any feeling or style can be attributed to AUDILE-LY, especially with a variety of finish options, sizes, and lumen packages to attain the ideal level of illumination.

Three size options 560mm / 660mm / 960mm.

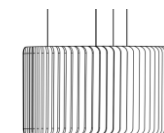
AUDILE-LY offers standard optics for microprismatic, UGR less than 23, CRI 90+, up to 120 lm/W.



### Product Size



Φ=560/ 660/ 960mm



H=400mm

# OPTIONS



## Size & Wattage

Φ=560mm (30W)  
Φ=660mm (40W)  
Φ=960mm (58W)

## CRI

90+  
95+

## Power Supply

ON/OFF  
0-10V  
DALI  
Triac

## Suspended Way

Suspended rope



Suspended rod



## Color temperature

2700K  
3000K  
4000K  
5700K

## LED Light housing color

Black RAL 9005  
White RAL 9003  
White RAL 9016

## Input Voltage

AC 200-240V  
AC 100-277V

## Optics

90° microprismatic  
120° Opal  
90° Hexagon Pattern Film



### **AUDILE-LY580M-A**

---

Product Size:  $\Phi 660 \times H400\text{mm}$

Optics: microprismatic

Power: 40W

CRI 92

Efficacy: 115-120 lm/W

Luminous flux: 4600-4800 lm

UGR  $< 21$

Beam: Direct  $90^\circ$

Distribution: 100% direct

Suspended rope mounted



### **AUDILE-LY580M-B**

---

Product Size:  $\Phi 660 \times H400\text{mm}$

Optics: microprismatic

Power: 40W

CRI 92

Efficacy: 115-120 lm/W

Luminous flux: 4600-4800 lm

UGR  $< 21$

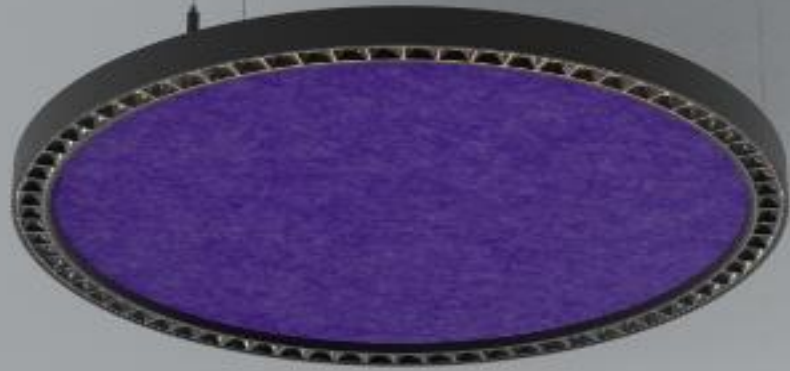
Beam: Direct  $90^\circ$

Distribution: 100% direct

Suspended rod mounted

# AUDILE-MY

Acoustic Lighting



AIPLights

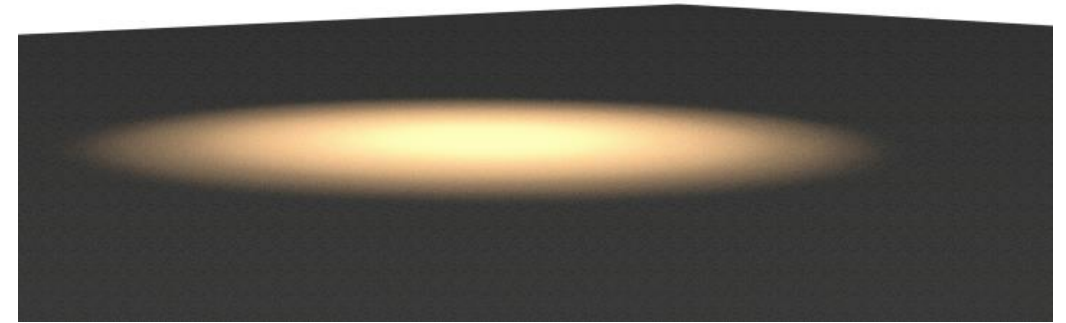


**AUDILE-MY**

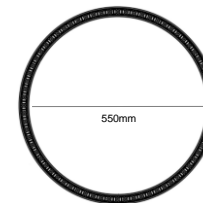
Suspended Acoustic LED Light

## Describe

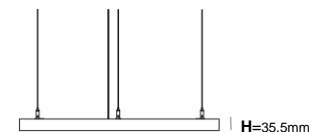
With a super slim profile and 1 diameters ranging 23.6inch , AUDILE-MY is ideal for creating sizable multi-tiered circular arrangements. The ring emits direct light only and can be coordinated with 5 other emission options in the AUDILE family for creating light layers. Buoyant and energetic, AUDILE-MY is just as impactful as a single standalone piece. For sound comfort, AUDILE-MY is available with an acoustic panel designed to absorb echo and reverberation associated with open-concept spaces, exposed concrete, open ceilings, and large windows. For a whimsical style, combine AUDILE-MY with AUDILE Series. Fireproof and Flame retardant, suitable for high rise buildings.



## Product Size



$\Phi=600\text{mm}$





## AUDILE-MY-T9

---

Product Size:  $\Phi 600 \times H35.5\text{mm}$

Input voltage:

AC 200-240V/ AC 100-277V (Options)

Optics: Reflector cup

CCT:

2700K/ 3000K/ 4000K/ 5700K (Options)

Power: 36W

CRI 91

Efficacy: 95-100 lm/W

Luminous flux: 3420-3600 lm

UGR<16

Direct Beam:

10° /20° /34° /48° (Options)

Distribution: 100% direct

# AUDILE-MTF SERIES

Acoustic Lighting



AIPLights





## AUDILE-MTF Series

Acoustic Pendant LED Light

## OPTIONS

### Size & Wattage

Φ=600mm (30W)  
Φ=900mm (42W)  
Φ=1200mm (54W)  
Φ=1600mm (72W)

### Input Voltage

AC 200-240V  
AC 100-277V

### CRI

90+  
95+

### Color temperature

2700K  
3000K  
4000K  
5700K

### Power Supply

ON/OFF  
0-10V  
DALI  
Triac

### LED Light housing color

Black RAL 9005  
White RAL 9016  
Gray RAL 9006

## AUDILE-MTF600-A-T9

---

Product Size:  $\Phi 600 \times H28\text{mm}$

Optics: Silionce diffuser

Power: 30W

CRI 90+

Efficacy: 60-65 lm/W

Luminous flux: 1800-1950 lm

Direct Beam:  $120^\circ$

Distribution: 100% direct



## AUDILE-MTF900-A-T9

---

Product Size:  $\Phi 900 \times H28\text{mm}$

Optics: Silionce diffuser

Power: 42W

CRI 90+

Efficacy: 60-65 lm/W

Luminous flux: 2520-2730 lm

Direct Beam:  $120^\circ$

Distribution: 100% direct

## AUDILE-MTF1200-A-T9

---

Product Size:  $\Phi 1200 \times H28\text{mm}$

Optics: Silionce diffuser

Power: 54W

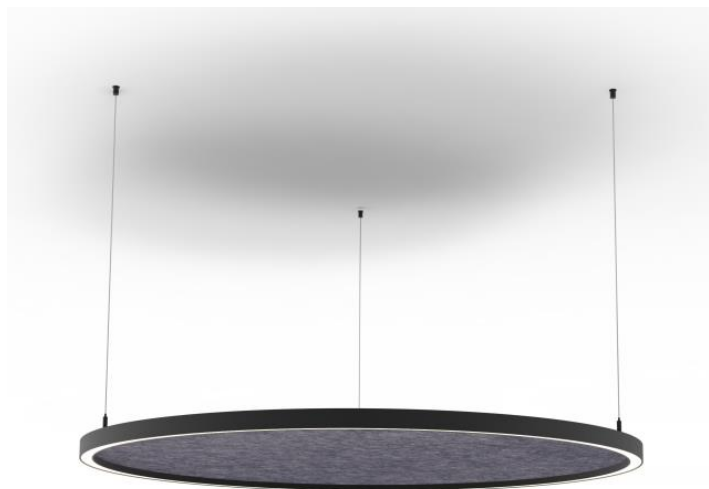
CRI 90+

Efficacy: 60-65 lm/W

Luminous flux: 3240-3510 lm

Direct Beam:  $120^\circ$

Distribution: 100% direct



## AUDILE-MTF1600-A-T9

---

Product Size:  $\Phi 1600 \times H28\text{mm}$

Optics: Silionce diffuser

Power: 72W

CRI 90+

Efficacy: 60-65 lm/W

Luminous flux: 4320-4680 lm

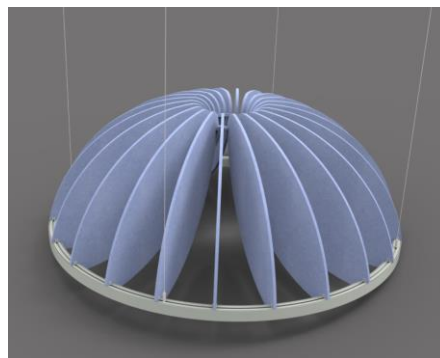
Direct Beam:  $120^\circ$

Distribution: 100% direct



**AUDILE-MTF-B**

Acoustic Pendant LED Light



## AUDILE-MTF1200-B-T9

---

Product Size:  $\Phi 1200 \times H455$ mm

Optics: Silionce diffuser

Power: 54W

CRI 90+

Efficacy: 60-65 lm/W

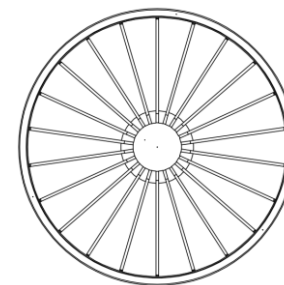
Luminous flux: 3240-3510 lm

Direct Beam:  $120^\circ$

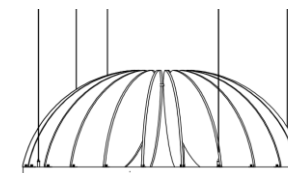
Distribution: 100% direct

## Product Size

---



$\Phi=1200$ mm

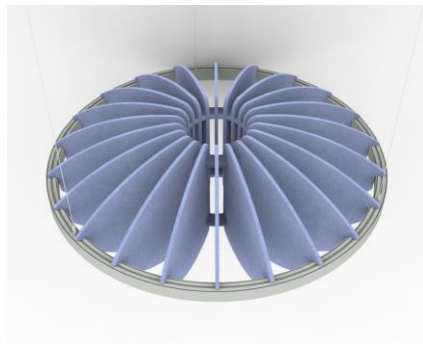


H=455mm



**AUDILE-MTF-C**

Acoustic Pendant LED Light



## AUDILE-MTF900-C-T9

---

Product Size:  $\Phi 900 \times H320$ mm

Optics: Silionce diffuser

Power: 42W

CRI 90+

Efficacy: 60-65 lm/W

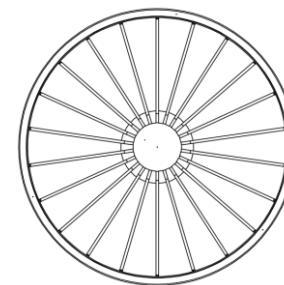
Luminous flux: 2520-2730 lm

Direct Beam:  $120^\circ$

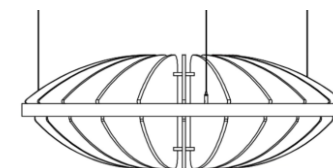
Distribution: 100% direct

## Product Size

---



$\Phi=900$ mm

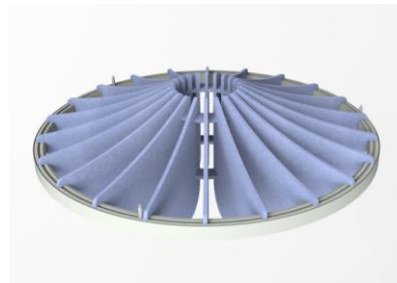


H=320mm



**AUDILE-MTF-D**

Acoustic Pendant LED Light



## AUDILE-MTF900-D-T9

Product Size:  $\Phi 900 \times H315\text{mm}$

Optics: Silionce diffuser

Power: 42W

CRI 90+

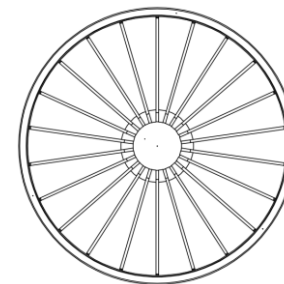
Efficacy: 60-65 lm/W

Luminous flux: 2520-2730 lm

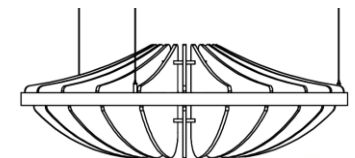
Direct Beam:  $120^\circ$

Distribution: 100% direct

## Product Size



$\Phi=900\text{mm}$

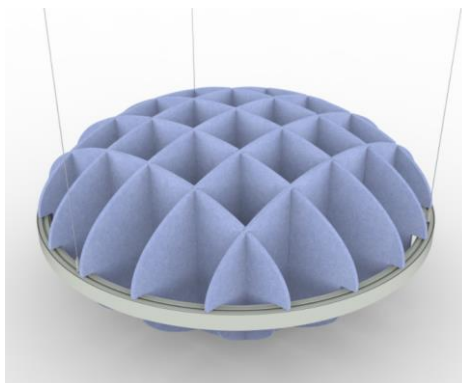


H=315mm



**AUDILE-MTF-E**

Acoustic Pendant LED Light



## AUDILE-MTF900-E-T9

---

Product Size:  $\Phi 900 \times H440$ mm

Optics: Silionce diffuser

Power: 42W

CRI 90+

Efficacy: 60-65 lm/W

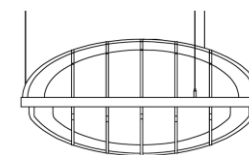
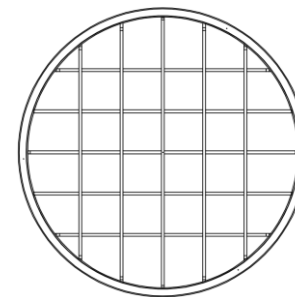
Luminous flux: 2520-2730 lm

Direct Beam:  $120^\circ$

Distribution: 100% direct

## Product Size

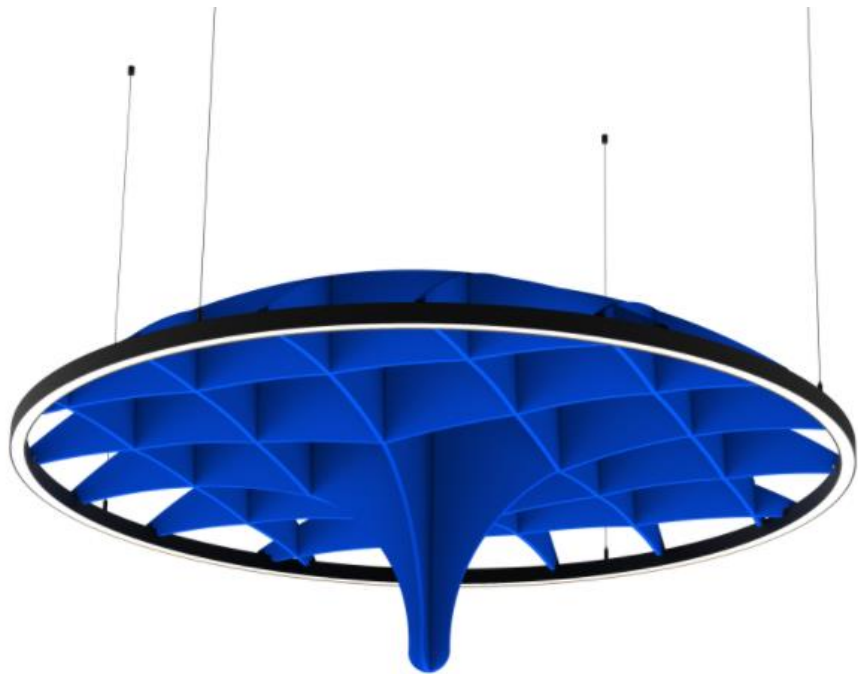
---



H=440mm

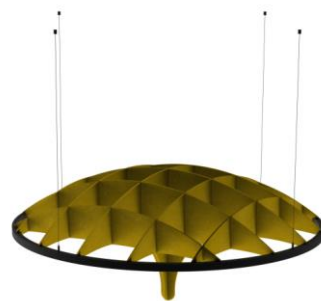
---

$\Phi=900$ mm



**AUDILE-MTF-F**

Acoustic Pendant LED Light



## AUDILE-MTF1600-F-T9

Product Size:  $\Phi 1600 \times H700$ mm

Optics: Silionce diffuser

Power: 72W

CRI 90+

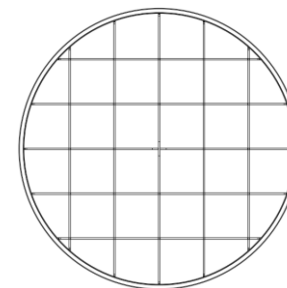
Efficacy: 60-65 lm/W

Luminous flux: 4320-4680 lm

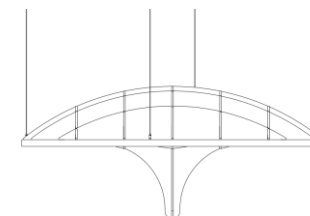
Direct Beam:  $120^\circ$

Distribution: 100% direct

## Product Size



$\Phi=1600$ mm

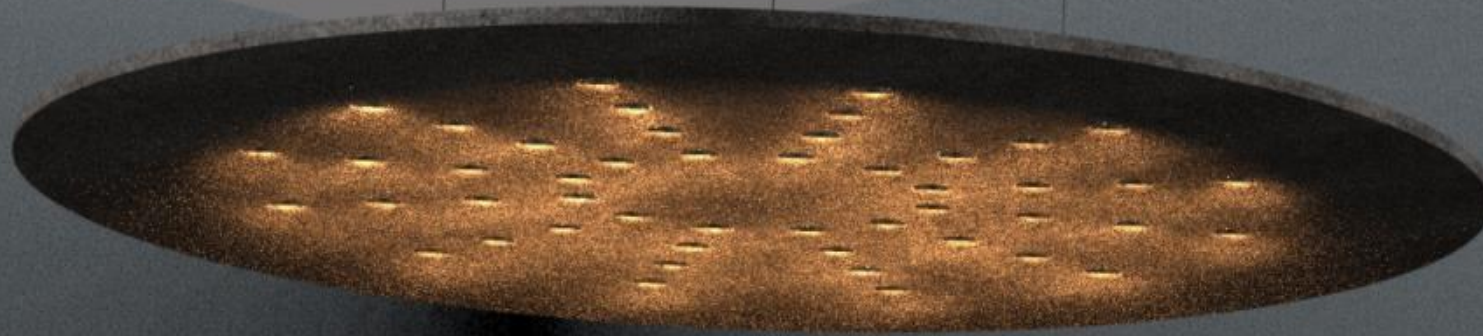


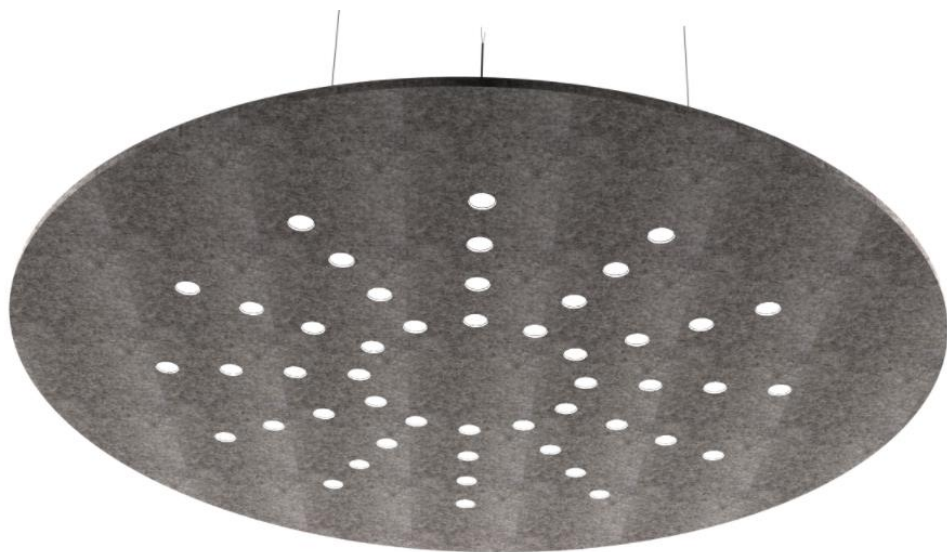
H=700mm



# AUDILE-MTX SERIES

Acoustic Lighting





## AUDILE-MTX-A Suspended Acoustic panel Lighting

### Describe

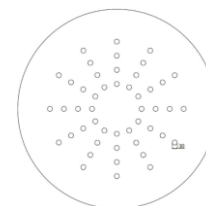
Combining a suspended acoustic baffle with a high-performance Power Supply LED light, AUDILE-MTX sorts light and sound. Built with highly-effective sound-absorbing materials, the hard-working acoustic pendants suit any commercial interior. Fireproof and Flame retardant, suitable for high rise buildings.

AUDILE-MTX provide size diameter 1200mm only, over 41 colours and two playful designs, the hardworking acoustic panels create a unique shape and colour blend to suit any environment.

AUDILE-MTX offers Low UGR Reflector Cup, UGR less than 16, CRI 90+, up to 100 lm/W.



### Product Size



Φ=1200mm



H=64mm



## AUDILE-MTX-A-T12

---

Product Size:  $\Phi 1200 \times H64$ mm

Input voltage: AC 200-240V/ AC 100-277V (Options)

Optics: Lens

CCT: 2700K/ 3000K/ 4000K/ 5700K (Options)

Power: 36W

CRI 90+

Efficacy: 95-100 lm/W

Luminous flux: 3420-3600 lm

UGR < 16

Direct Beam: 12° /24° /38° /50° (Options)

Distribution: 100% direct



**AUDILE-MTX-B** Suspended Acoustic panel Lighting

## AUDILE-MTX-B-T12

---

Product Size:  $\Phi 1200 \times H110\text{mm}$

Input voltage:

AC 200-240V/ AC 100-277V (Options)

Optics: Reflector Cup

CCT:

2700K/ 3000K/ 4000K/ 5700K (Options)

Power: 18W

CRI 90+

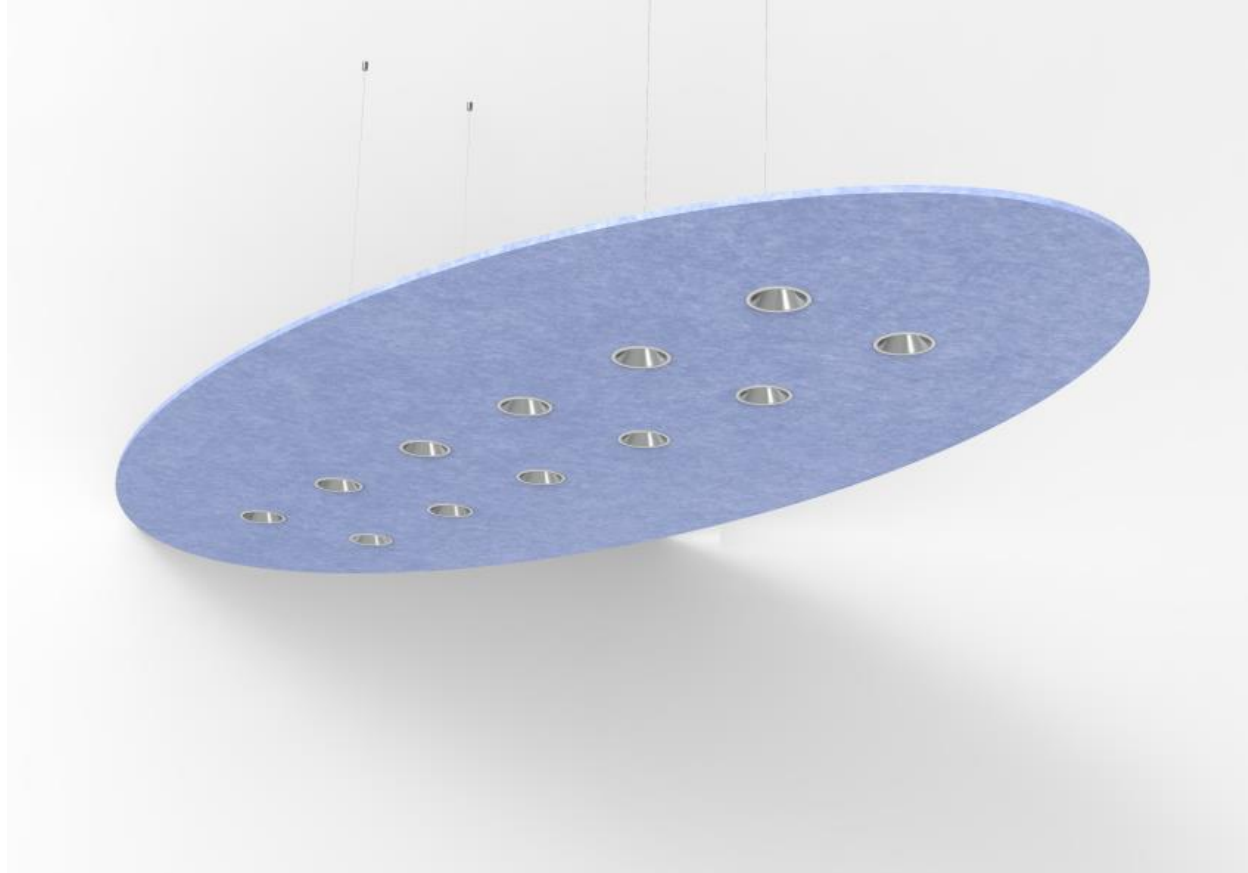
Efficacy: 80-85lm/W

Luminous flux: 1440-1530 lm

UGR < 13

Direct Beam:  $24^\circ$

Distribution: 100% direct



**AUDILE-MTX-C** Suspended Acoustic panel Lighting

## **AUDILE-MTX-C-T12**

---

Product Size: 1800×1200×H110mm

Input voltage:

AC 200-240V/ AC 100-277V (Options)

Optics: Reflector Cup

CCT:

2700K/ 3000K/ 4000K/ 5700K (Options)

Power: 48W

CRI 90+

Efficacy: 80-85lm/W

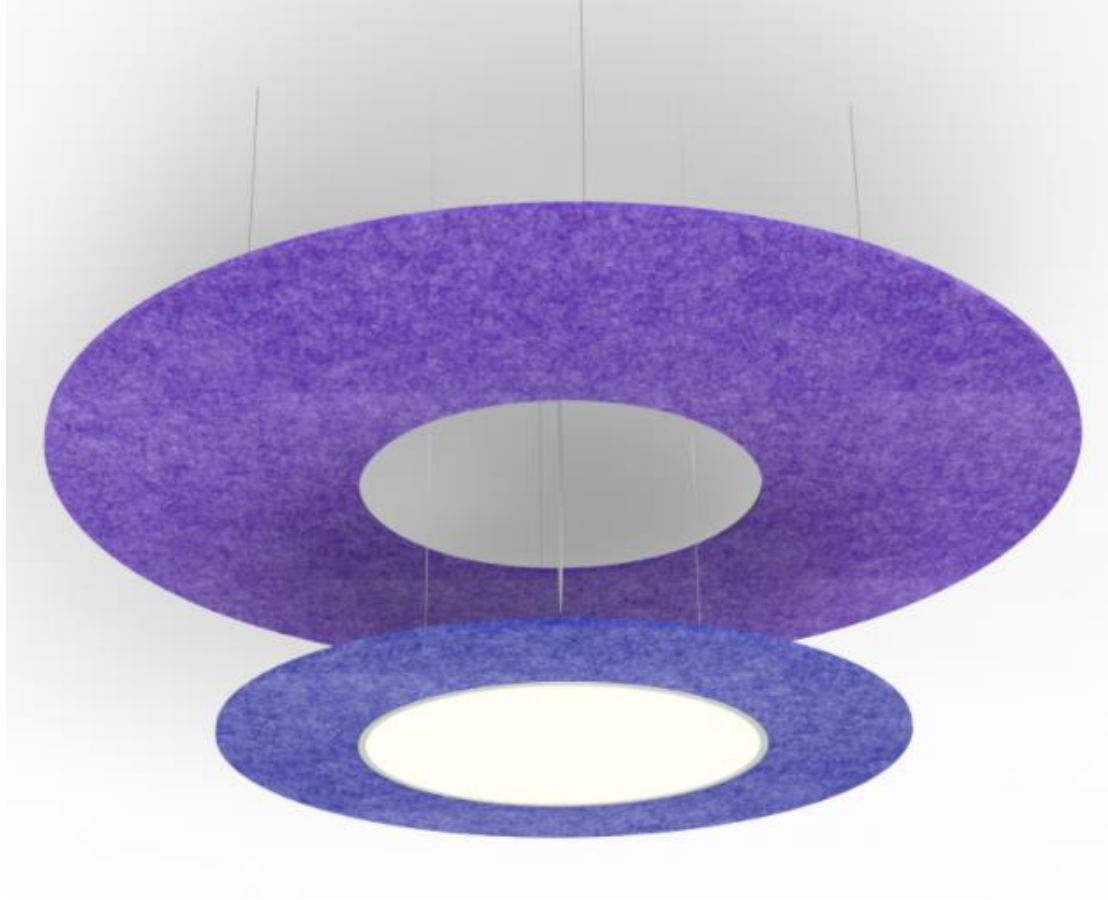
Luminous flux: 3840-4080 lm

UGR<13

Direct Beam: 24°

Distribution: 100% direct





**AUDILE-MTY-A**    Suspended Acoustic panel Lighting

## **AUDILE-MTY-A-T12**

---

Product Size: UP  $\Phi$ 1200mm; DOWN  $\Phi$ 900mm

Input voltage:

AC 200-240V/ AC 100-277V (Options)

Optics: microprismatic (Size:  $\Phi$ 570mm)

CCT:

2700K/ 3000K/ 4000K/ 5700K (Options)

Power: 40W

CRI 92

Efficacy: 115-120 lm/W

Luminous flux: 4600-4800 lm

UGR < 21

Beam: Direct 90°

Distribution: 100% direct



**AUDILE-MTY-B** Suspended Acoustic panel Lighting

## **AUDILE-MTY-B-T12**

---

Product Size: UP  $\Phi$ 1200mm; DOWN  $\Phi$ 900mm

Input voltage:

AC 200-240V/ AC 100-277V (Options)

Optics: Silionce diffuser

CCT:

2700K/ 3000K/ 4000K/ 5700K (Options)

Power: 42W

CRI 90+

Efficacy: 60-65 lm/W

Luminous flux: 2520-2730 lm

Direct Beam: 120°

Distribution: 100% direct





**AUDILE-MTY-C**    Suspended Acoustic panel Lighting

## **AUDILE-MTY-C-T12**

---

Product Size:  $\Phi 1200\text{mm}$

Input voltage:

AC 200-240V/ AC 100-277V (Options)

Optics: microprismatic (Size:  $\Phi 570\text{mm}$ )

CCT:

2700K/ 3000K/ 4000K/ 5700K (Options)

Power: 40W

CRI 92

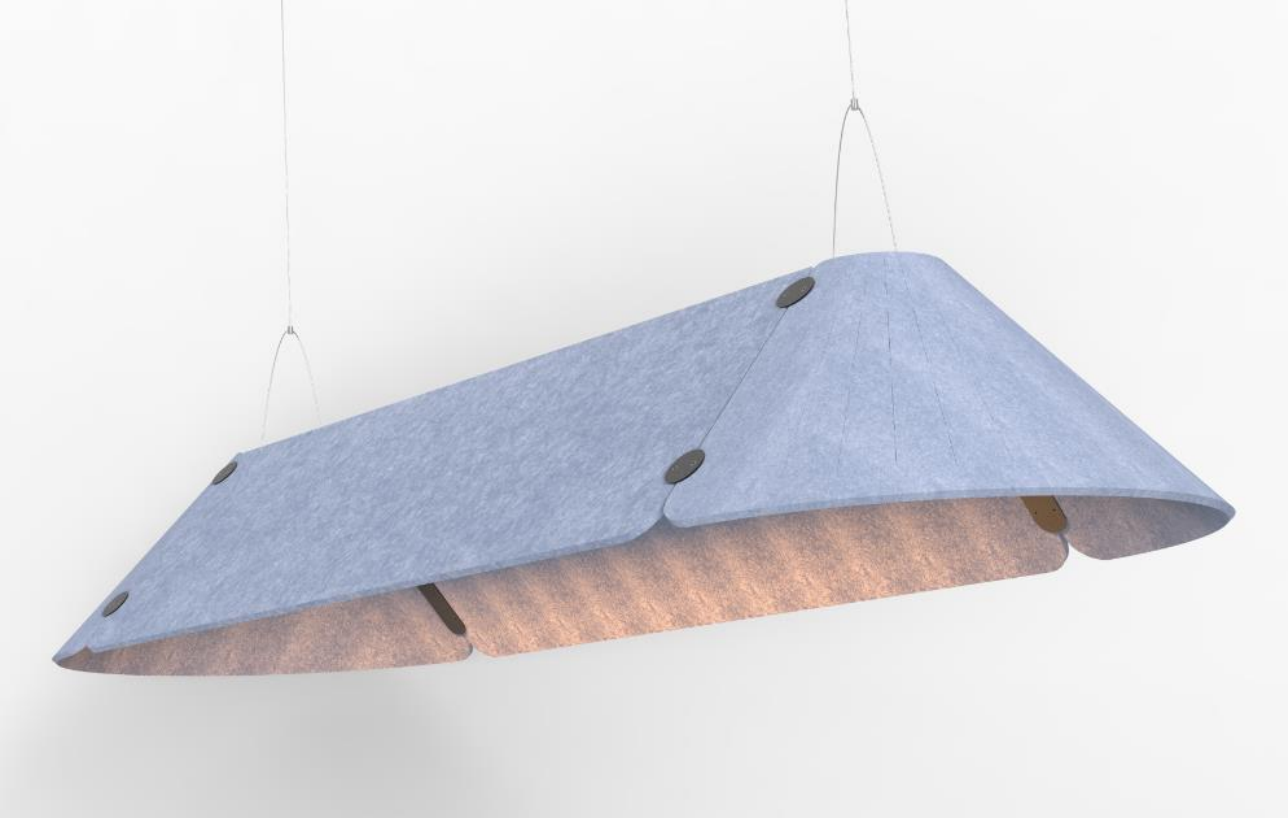
Efficacy: 115-120 lm/W

Luminous flux: 4600-4800 lm

UGR < 21

Beam: Direct  $90^\circ$

Distribution: 100% direct



**AUDILE-ADL**

Acoustic Pendant LED Light

## AUDILE-ADL-T9

Product Size: 1808×690×H295mm

Input voltage:

AC 200-240V/ AC 100-277V (Options)

Optics:

90° microprismatic

10° /20° /34° /48° Reflector Cup

12° /24° /38° /50° Lens

120° Opal

90° Hexagon Pattern Film(Options)

CCT:

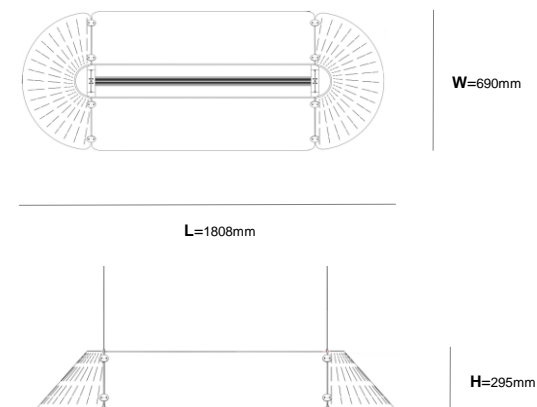
2700K/ 3000K/ 4000K/ 5700K (Options)

Power: 60W

CRI 90+

Distribution: 100% direct

## Product Size





**AUDILE-LO-A**

Acoustic Pendant LED Light

## **AUDILE-LO-A-T9**

---

Product Size:  $\Phi 600 \times H400$ mmmm

Input voltage:

AC 200-240V/ AC 100-277V (Options)

Optics: Reflector Cup

CCT:

2700K/ 3000K/ 4000K/ 5700K (Options)

Power: 18W

CRI 90+

Efficacy: 80-85lm/W

Luminous flux: 1440-1530 lm

UGR < 13

Direct Beam: 24°

Distribution: 100% direct



**AUDILE-LO-B**

Acoustic Pendant LED Light

## **AUDILE-LO-B-T9**

---

Product Size:  $\Phi 600 \times H400$ mmmm

Input voltage:

AC 200-240V/ AC 100-277V (Options)

Optics: Reflector Cup

CCT:

2700K/ 3000K/ 4000K/ 5700K (Options)

Power: 18W

CRI 90+

Efficacy: 80-85lm/W

Luminous flux: 1440-1530 lm

UGR < 13

Direct Beam: 24°

Distribution: 100% direct

# About AIPLights Acoustic Panel

Acoustic panel size 2440×1220mm.

Acoustic panel material 100% Polyester, up to 50% of recycled plastic.

Acoustic panel 9mm thickness,density 1900g/m<sup>2</sup>, max NRC=0.85, total 41 color options.

12mm thickness,density 2400g/m<sup>2</sup>, max NRC=0.95, total 12 color options.

Moisture resistant.

With sound absorbing, kinds of colors and shapes are suitable for developing offices, schools, shops, etc.

## Fire Rating and Flame Retardancy:

USA standard ASTM E84-2020, Class A;

Europe standard EN 13501- 1:2018, Class B;

China standard GB8624-2012, class B1;

With fire retardant properties, suitable for high-rise buildings.

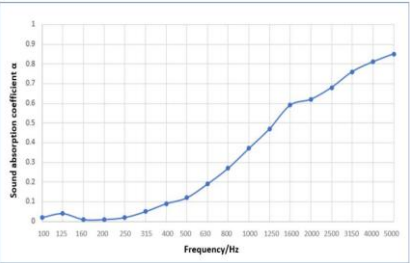




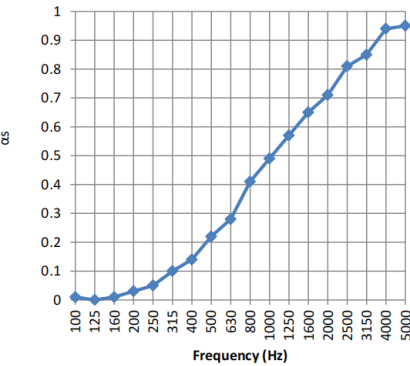
ACOUSTIC PANEL PERFORMANCE TEST

**Test Environment**  
AIPLights has averaged the Sound absorption coefficient (as) per unit at four specific frequency bands representing the human speech range (250, 500, 1000, 2000 Hz) to determine the Sound absorption coefficient (as) per product.

**PET Thickness**  
Noise Reduction Coefficient (NRC) is the average of how absorptive a material is at various frequencies within the human speech frequency range. Two materials with the same rating may not perform the same in application. Typically, an NRC of 0 indicates perfect reflection, and an NRC of 1 is designated as perfect absorption. However, based on the testing methodology and depending upon the material's shape or surface area products can test at an NRC greater than 1.

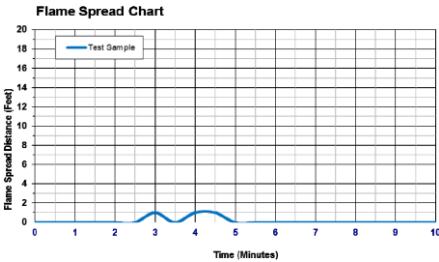


Test Standard	EN ISO 354:2003
PET Thickness	9mm
PET Thickness	Density 1900g/m²
Conclusion	MAX NRC=0.85



Test Standard	ISO 354:2003
PET Thickness	12mm
PET Thickness	Density 2400g/m²
Conclusion	MAX NRC=0.95

ACOUSTIC PANEL FIRE RATING PERFORMANCE TEST



Test Standard	ASTM E84-2020(US)
Test Result	Flame Spread: 5 Smoke Development Index: 170
Conclusion	ASTM E84-2020 Class A (FSI 5, SDI 170)

EN 13501-1:2018 table 1 - classification:		
Classification	Test method	Classification criteria
B	EN 13823 and	FIGRA <sub>0,2MJ</sub> ≤120W/m; LFS< edge of specimen THR <sub>600s</sub> ≤7.5 MJ
	EN ISO 11925-2 Exposure = 30 s	Fs ≤150mm within 60s
Additional classification	Smoke	s1 SMOGRA <sub>s</sub> 30 m²/m², TSP <sub>600s</sub> ≤50m²
		s2 SMOGRA <sub>s</sub> 180 m²/m², TSP <sub>600s</sub> ≤200m²
		s3 Not s1 or s2
	Flaming droplets/particles	d0 No flaming droplets/particles occur within 600s
		d1 No flaming droplets/particles persisting longer than 10 s within 600s
		d2 Not d0 or d1 Ignites the paper in EN ISO 11925-2 results in a d2 classification.

Test Standard	EN 13823(EU), EN ISO 11925-2(EU)
Test Result	FIGRA <sub>0,2MJ</sub> =0 W/s LFS< Sample edge THR <sub>600s</sub> =0.3MJ SMOGRA=0 m²/s² TSP600S=14.5 m² No flaming droplets/particles occur within 600s FS≤150mm with 60s
Conclusion	EN 13501- 1:2018, Class B(B-s1,d0)