

Metropolitan Studio®



60dB

M

# **60dB** Acoustic LED Panel Light

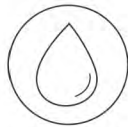
LET'S GREEN YOUR ROOM



Environmentally  
friendly recyclable  
materials



Fire retardant



Mouldproof  
moistureproof



it can be  
custom made



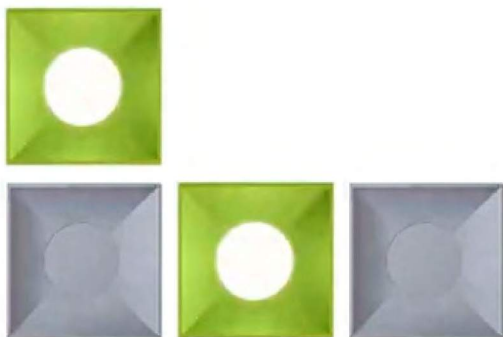
Sound-Absorbing  
noise reduction



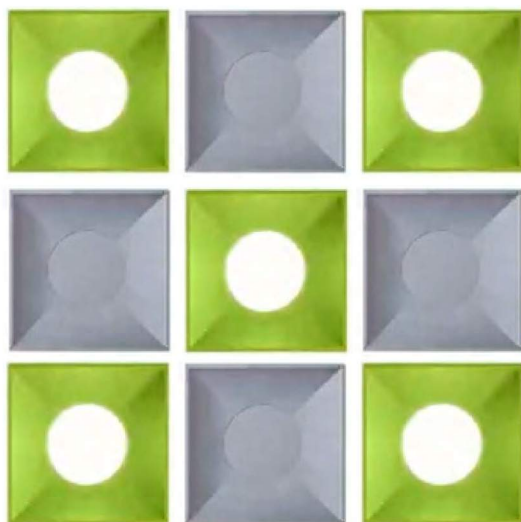
Convenient  
installation

CE CB





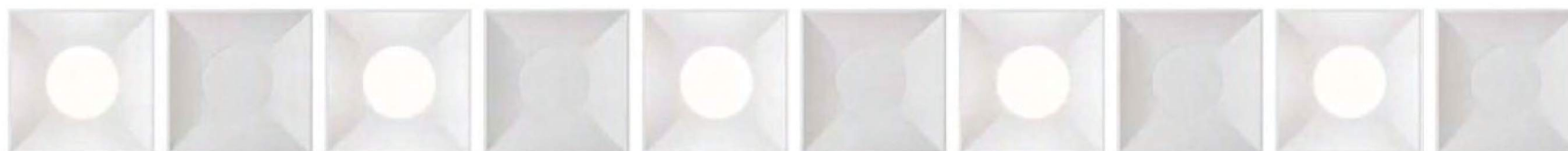
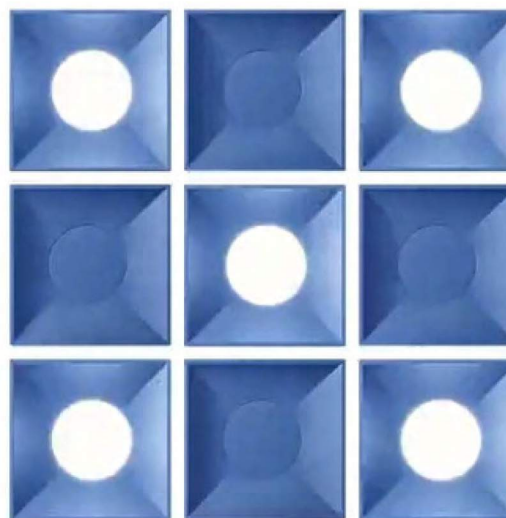
New technology



Flexible combination



DIY YOUR LIGHTS





# PIONEER WORK IN THE FIGHT AGAINST SINGLE-USE PLASTICS

The building sector is the largest single source of energy-related greenhouse gas emissions worldwide. Half of the energy used in the construction of new buildings is used to generate materials and products. Sustainable indoor acoustic products can be an easy first start to make a much-needed change. That is why ECOJAS developed SODII probably the most flexible and high-performing acoustic material on the market. ECOJAS upcycles over 20 million bottles per year.

## **MATERIAL REUTILISATION:**

SODII 12mm SODII 24mm  
43 pet bottles /m<sup>2</sup>  
88 pet bottles /m<sup>2</sup>





OVER  
20  
MILLION

UP-CYCLED  
PET BOTTLES  
PER YEAR







# THE MATERIAL

Color sand carefully curated material have always been part of the DNA of both companies, ECOJAS and TG ACOUSTICO. We are convinced that a color concept tailored to the conditions of a space creates comfort and improves well-being. The acoustic material of the luminaires is available in multiple colors of the collection, while our colors can be used to individualize the electronic components of the products. Because creativity knows no limits, we will of course manufacture your luminaire in your desired color shade upon request.

The entire 60dB product range is LED and Cradle to Cradle. Due to its flexible application options, it offers the design and architecture community limitless possibilities to address acoustic challenges.

## THE SPECS

100% PET (min. 60% post-consumer)

## FIRE TEST

DIN EN 13501-1 B-s1,d0  
ASTM E-84 Class A

## VOC-EMISSION

CDPH 01350 Pass  
ISO 16000 (CDPH/EHLB/Standard Methode V1.2)  
EN 16516

## COLOR FASTNESS

ISO 105-B02 A1 Grade 6

## ENVIRONMENTAL

Cradle to Cradle Certified  
Product qualifies for LEED v4 specifications on VOC emissions  
in LEED EQ credit (Low-emitting products)

Climate KIC

## SOUND ABSORPTION

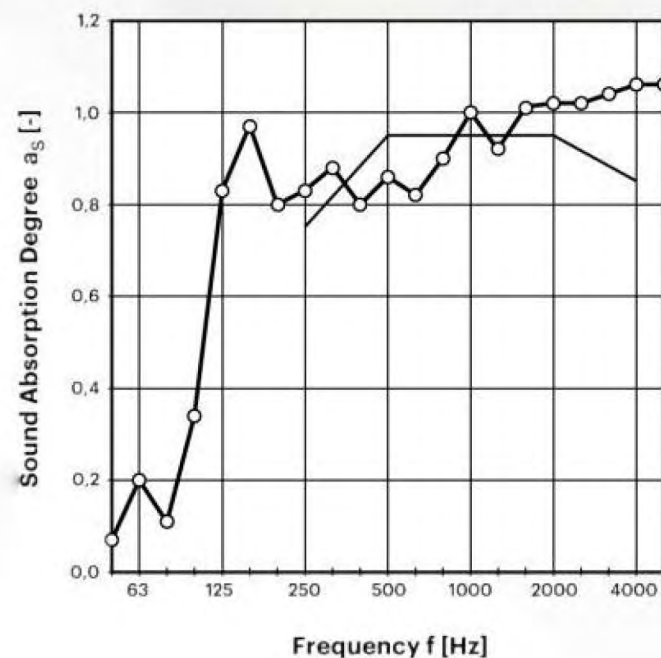
DIN ISO 11654

24mm

aw 0.55 (no air gap)  
aw 0.65 (50 mm/2" air gap)  
aw 0.90 (100 mm/4" air gap)  
aw 0.95 (200 mm/8" air gap)

12mm

aw 0.3 (no air gap)



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## Customize Color







TG-44 Dark Silver Gray



TG-45 River Grey



TG-46 Agate Gray



TG-41 Reed Green



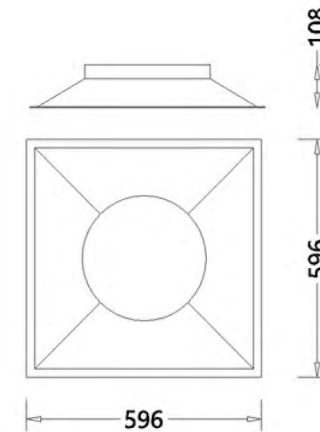
TG-42 Ginger Yellow



TG-43 Brown

Code	Efficacy	Wattage	Glare	CCT	CRI	Control	Dimension	Installation
EJ6051-B-R	100lm/w	33W	UGR 19	6500	80	DALI-2	596*596*108	Recessed
EJ6052-B-R	100lm/w	33W	UGR 19	6500	90	DALI-2	596*596*108	Recessed
EJ6053-B-R	90lm/w	33W	UGR 19	4000	80	DALI-2	596*596*108	Recessed
EJ6054-B-R	90lm/w	33W	UGR 19	4000	90	DALI-2	596*596*108	Recessed
EJ6055-B-R	90lm/w	33W	UGR 19	3000	80	DALI-2	596*596*108	Recessed
EJ6056-B-R	90lm/w	33W	UGR 19	3000	90	DALI-2	596*596*108	Recessed
EJ6057-B-R	90lm/w	33W	UGR 19	6500	80	ON-OFF	596*596*108	Recessed
EJ6058-B-R	90lm/w	33W	UGR 19	6500	90	ON-OFF	596*596*108	Recessed
EJ6059-B-R	90lm/w	33W	UGR 19	4000	80	ON-OFF	596*596*108	Recessed
EJ6060-B-R	90lm/w	33W	UGR 19	4000	90	ON-OFF	596*596*108	Recessed
EJ6061-B-R	90lm/w	33W	UGR 19	3000	80	ON-OFF	596*596*108	Recessed
EJ6062-B-R	90lm/w	33W	UGR 19	3000	90	ON-OFF	596*596*108	Recessed
EJ6063-B-R	90lm/w	33W	UGR 19	6500	80	0/1-10V	596*596*108	Recessed
EJ6064-B-R	90lm/w	33W	UGR 19	6500	90	0/1-10V	596*596*108	Recessed
EJ6065-B-R	90lm/w	33W	UGR 19	4000	80	0/1-10V	596*596*108	Recessed
EJ6066-B-R	90lm/w	33W	UGR 19	4000	90	0/1-10V	596*596*108	Recessed
EJ6067-B-R	90lm/w	33W	UGR 19	3000	80	0/1-10V	596*596*108	Recessed
EJ6068-B-R	90lm/w	33W	UGR 19	3000	90	0/1-10V	596*596*108	Recessed
EJ6069-B-R	90lm/w	33W	UGR 19	6500	80	ELV Triac	596*596*108	Recessed
EJ6070-B-R	90lm/w	33W	UGR 19	6500	90	ELV Triac	596*596*108	Recessed
EJ6071-B-R	90lm/w	33W	UGR 19	4000	80	ELV Triac	596*596*108	Recessed
EJ6072-B-R	90lm/w	33W	UGR 19	4000	90	ELV Triac	596*596*108	Recessed

## RECESSED TYPE SPECIFICATION



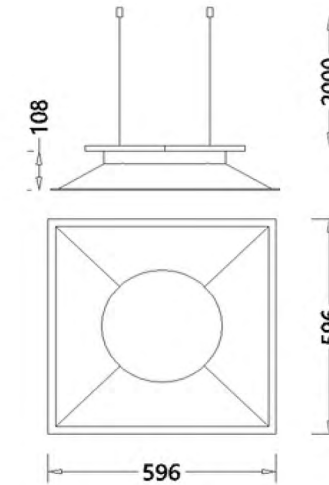
EJ6073-B-R	90lm/w	33W	UGR 19	3000	80	ELV Triac	596*596*108	Recessed
EJ6074-B-R	90lm/w	33W	UGR 19	3000	90	ELV Triac	596*596*108	Recessed
EJ6075-B-R	90lm/w	33W	UGR 19	6500	80	Casambi	596*596*108	Recessed
EJ6076-B-R	90lm/w	33W	UGR 19	6500	90	Casambi	596*596*108	Recessed
EJ6077-B-R	90lm/w	33W	UGR 19	4000	80	Casambi	596*596*108	Recessed
EJ6078-B-R	90lm/w	33W	UGR 19	4000	90	Casambi	596*596*108	Recessed
EJ6079-B-R	90lm/w	33W	UGR 19	3000	80	Casambi	596*596*108	Recessed
EJ6080-B-R	90lm/w	33W	UGR 19	3000	90	Casambi	596*596*108	Recessed
EJ6081-B-R	90lm/w	33W	UGR 19	Tunable White	90	0/1-10V	596*596*108	Recessed
EJ6082-B-R	90lm/w	33W	UGR 19	Tunable White	90	TUYA SMART	596*596*108	Recessed



Code	Efficacy	Wattage	Glare	CCT	CRI	Control	Dimension	Installation
EJ6051-B-P	100lm/w	33W	UGR 19	6500	80	DALI-2	596*596*1080H2000	Pendant
EJ6052-B-P	100lm/w	33W	UGR 19	6500	90	DALI-2	596*596*1080H2000	Pendant
EJ6053-B-P	90lm/w	33W	UGR 19	4000	80	DALI-2	596*596*1080H2000	Pendant
EJ6054-B-P	90lm/w	33W	UGR 19	4000	90	DALI-2	596*596*1080H2000	Pendant
EJ6055-B-R	90lm/w	33W	UGR 19	3000	80	DALI-2	596*596*1080H2000	Pendant
EJ6056-B-P	90lm/w	33W	UGR 19	3000	90	DALI-2	596*596*1080H2000	Pendant
EJ6057-B-P	90lm/w	33W	UGR 19	6500	80	ON-OFF	596*596*1080H2000	Pendant
EJ6058-B-P	90lm/w	33W	UGR 19	6500	90	ON-OFF	596*596*1080H2000	Pendant
EJ6059-B-P	90lm/w	33W	UGR 19	4000	80	ON-OFF	596*596*1080H2000	Pendant
EJ6060-B-P	90lm/w	33W	UGR 19	4000	90	ON-OFF	596*596*1080H2000	Pendant
EJ6061-B-P	90lm/w	33W	UGR 19	3000	80	ON-OFF	596*596*1080H2000	Pendant
EJ6062-B-P	90lm/w	33W	UGR 19	3000	90	ON-OFF	596*596*1080H2000	Pendant
EJ6063-B-P	90lm/w	33W	UGR 19	6500	80	0/1-10V	596*596*1080H2000	Pendant
EJ6064-B-P	90lm/w	33W	UGR 19	6500	90	0/1-10V	596*596*1080H2000	Pendant
EJ6065-B-P	90lm/w	33W	UGR 19	4000	80	0/1-10V	596*596*1080H2000	Pendant
EJ6066-B-P	90lm/w	33W	UGR 19	4000	90	0/1-10V	596*596*1080H2000	Pendant
EJ6067-B-P	90lm/w	33W	UGR 19	3000	80	0/1-10V	596*596*1080H2000	Pendant
EJ6068-B-P	90lm/w	33W	UGR 19	3000	90	0/1-10V	596*596*1080H2000	Pendant
EJ6069-B-P	90lm/w	33W	UGR 19	6500	80	ELV Triac	596*596*1080H2000	Pendant
EJ6070-B-P	90lm/w	33W	UGR 19	6500	90	ELV Triac	596*596*1080H2000	Pendant
EJ6071-B-P	90lm/w	33W	UGR 19	4000	80	ELV Triac	596*596*1080H2000	Pendant
EJ6072-B-P	90lm/w	33W	UGR 19	4000	90	ELV Triac	596*596*1080H2000	Pendant

# PENDANT TYPE SPECIFICATION

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EJ6073-B-P	90lm/w	33W	UGR 19	3000	80	ELV Triac	596*596*1080H2000	Pendant
EJ6074-B-P	90lm/w	33W	UGR 19	3000	90	ELV Triac	596*596*1080H2000	Pendant
EJ6075-B-P	90lm/w	33W	UGR 19	6500	80	Casambi	596*596*1080H2000	Pendant
EJ6076-B-P	90lm/w	33W	UGR 19	6500	90	Casambi	596*596*1080H2000	Pendant
EJ6077-B-P	90lm/w	33W	UGR 19	4000	80	Casambi	596*596*108*OH2000	Pendant
EJ6078-B-P	90lm/w	33W	UGR 19	4000	90	Casambi	596*596*1080H2000	Pendant
EJ6079-B-P	90lm/w	33W	UGR 19	3000	80	Casambi	596*596*1080H2000	Pendant
EJ6080-B-P	90lm/w	33W	UGR 19	3000	90	Casambi	596*596*1080H2000	Pendant
EJ6081-B-P	90lm/w	33W	UGR 19	Tunable White	90	0/1-10V	596*596*1080H2000	Pendant
EJ6082-B-P	90lm/w	33W	UGR 19	Tunable White	90	TUYA SMART	596*596*1080H2000	Pendant





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## FOREST series

**60d**

Acoustic LED Panel Light

Can be customised to turn into reality anything you imagine.

M





M





## **BLUE SKY series**

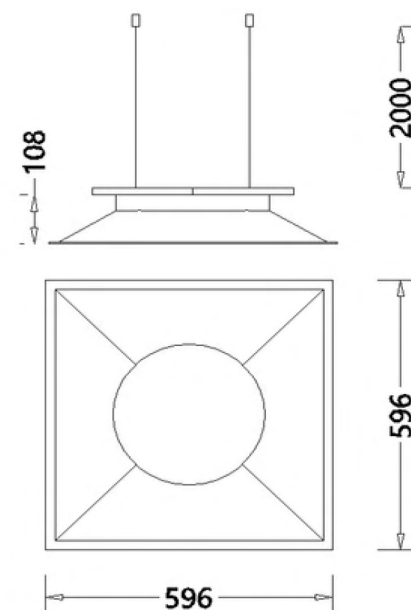
**600** Acoustic LED Panel Light

Can be customised to turn into reality anything you imagine.

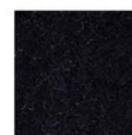
M



SINGLE



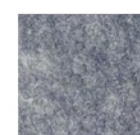
## Main color



TG-32 Black



TG-33 White



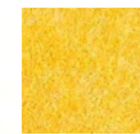
TG-28 African Grey



TG-20 sky Blue



TG-41 Reed Green



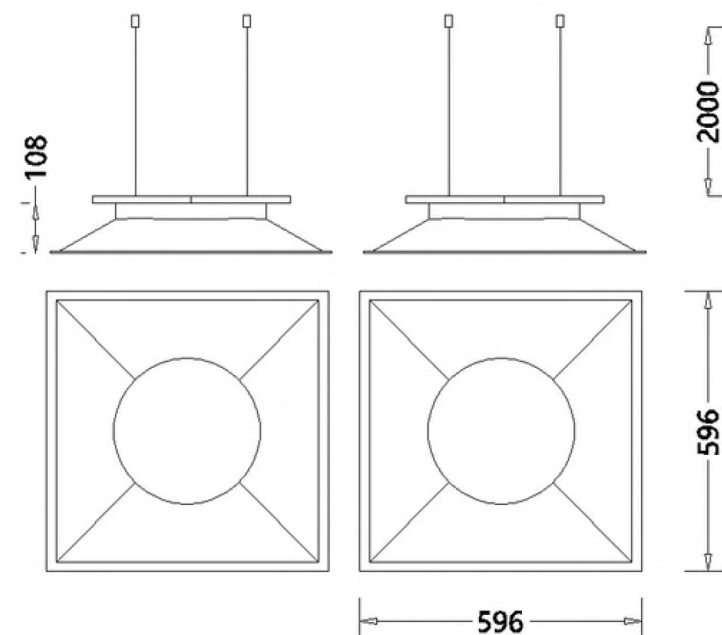
TG-11 Orange

M

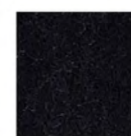




**DOUBLE**



**Main color**



TG-32 Black



TG-33 White



TG-28 African Grey



TG-20 sky Blue



TG-41 Reed Green



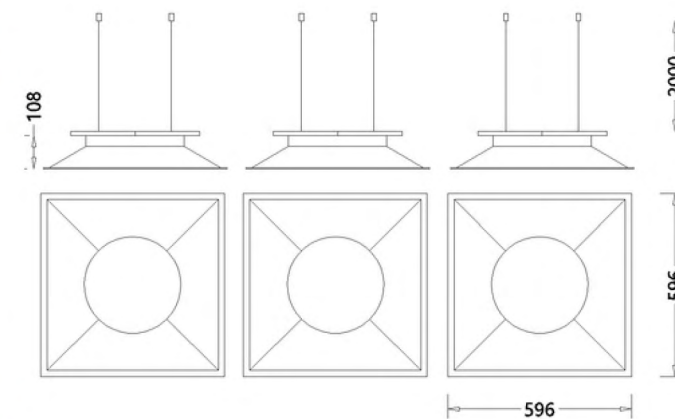
TG-11 Orange

**M**

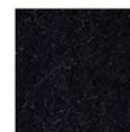




## TRIPLE



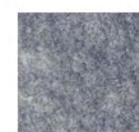
## Main color



TG-32 Black



TG-33 White



TG-28 African Grey



TG-20 sky Blue



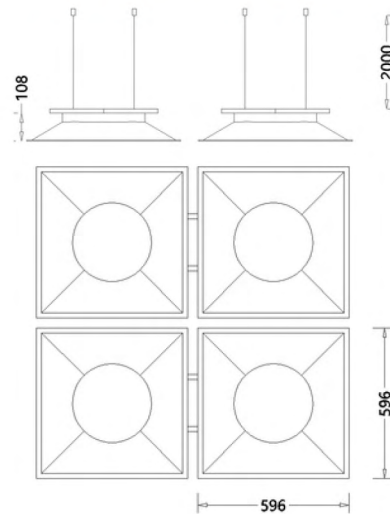
TG-41 Reed Green



TG-11Orange

M





**FOUR**

SUITABLE FOR  
RECEPTION  
ROOMS

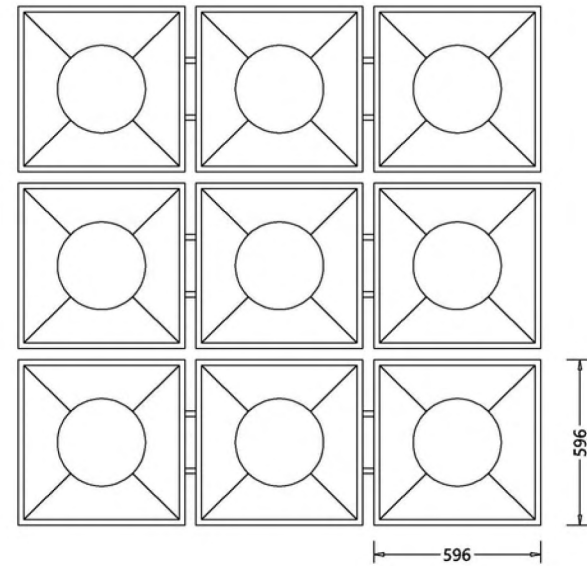
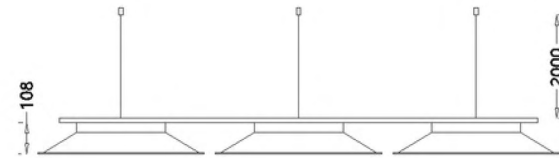
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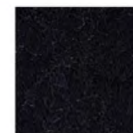


NIGHT

M



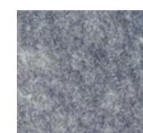
Main color



TG-32 Black



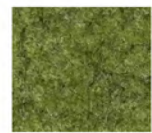
TG-33 White



TG-28 African Grey



TG-20 sky Blue



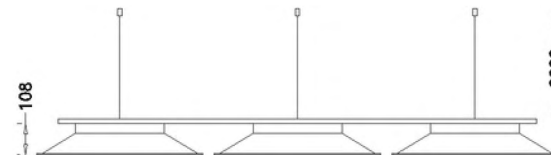
TG-41 Reed Green



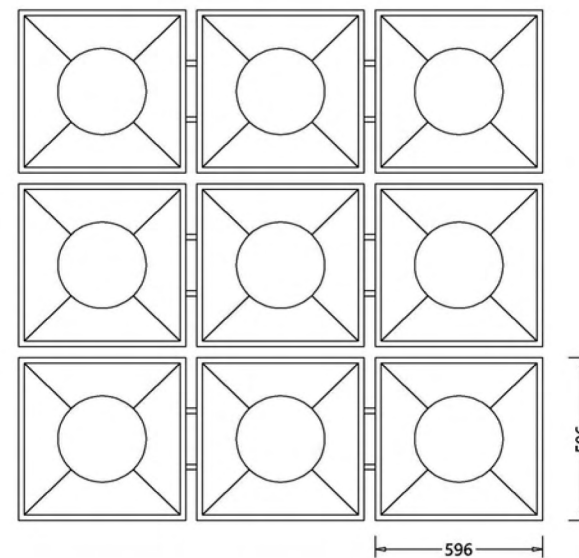
TG-11Orange



## GREY IN NIGHT



M



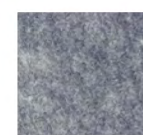
### Main color



TG-32 Black



TG-33 White



TG-28 African Grey



TG-20 sky Blue



TG-41 Reed Green

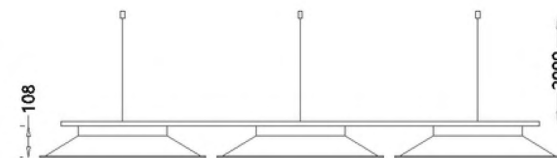


TG-110Orange

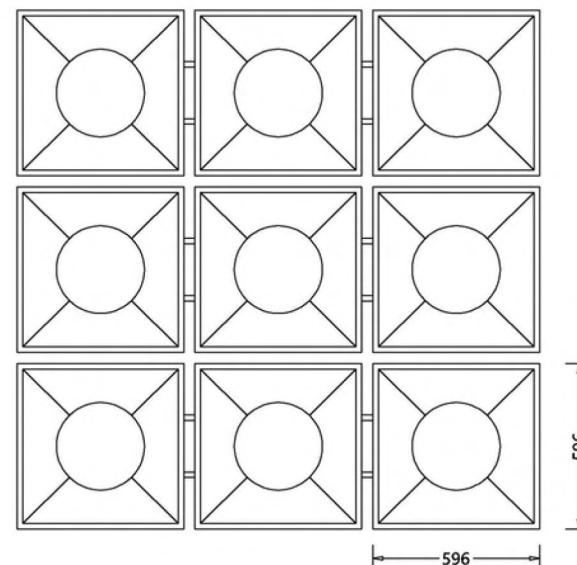




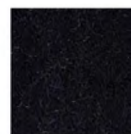
## BLACK IN NIGHT



M



## Main color



TG-32 Black



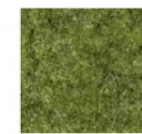
TG-33 White



TG-28 African Grey



TG-20 sky Blue



TG-41 Reed Green

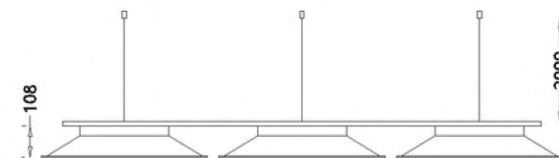


TG-11Orange

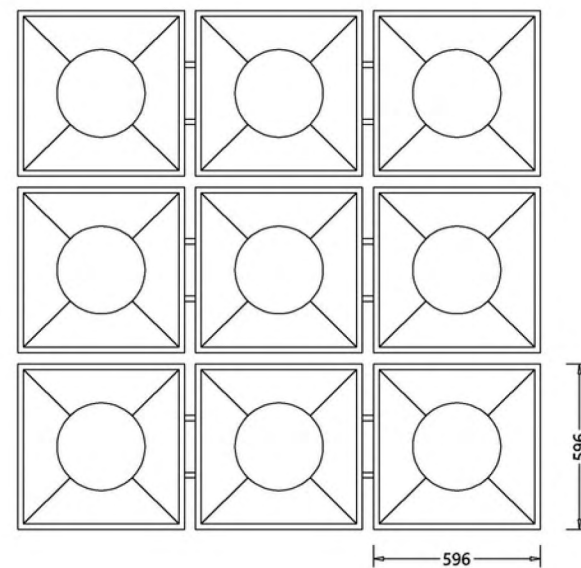




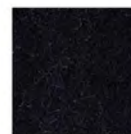
## BLUE IN NIGHT



M



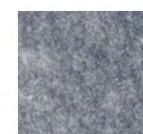
## Main color



TG-32 Black



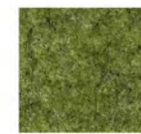
TG-33 White



TG-28 African Grey



TG-20 sky Blue



TG-41 Reed Green

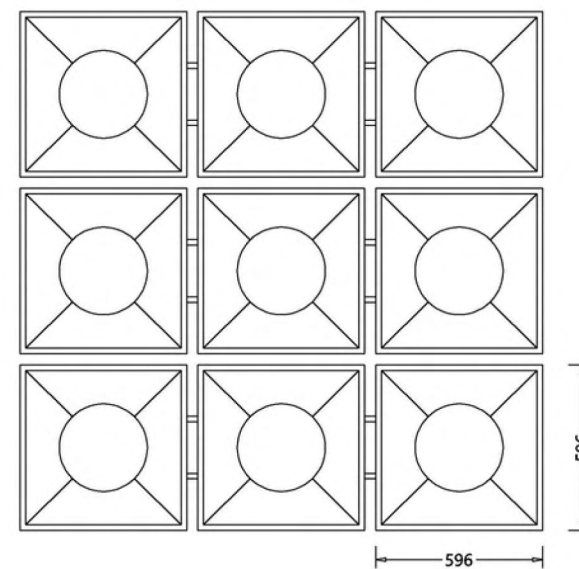
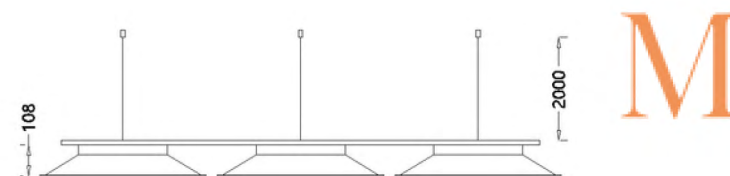


TG-110 Orange

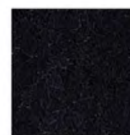




## YELLOW IN NIGHT



### Main color



TG-32 Black



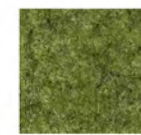
TG-33 White



TG-28 African Grey



TG-20 sky Blue

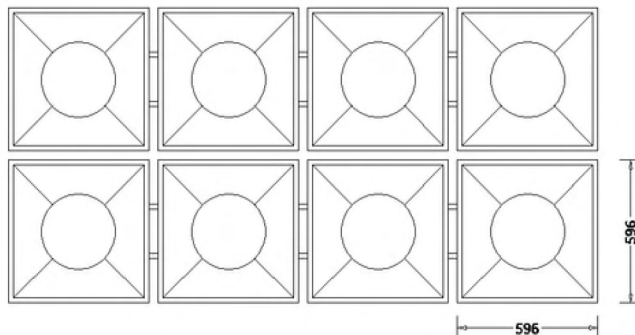


TG-41 Reed Green



TG-11Orange





SIX SUITABLE FOR  
OFFICE





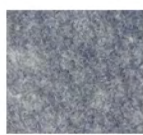
## Main color



TG-32 Black



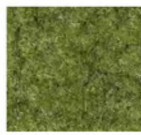
TG-33 White



TG-28 African Grey



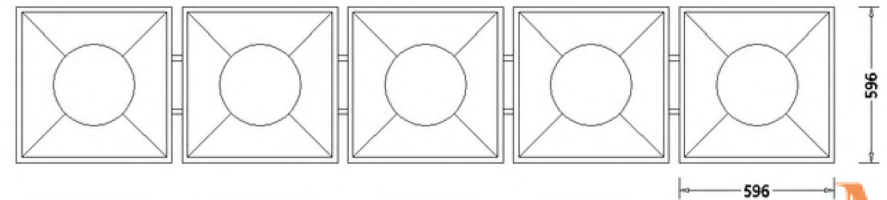
TG-20 sky Blue



TG-41 Reed Green



TG-11Orange



Five combined with colorful





## Main color



TG-32 Black



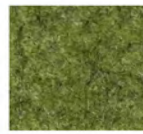
TG-33 White



TG-28 African Grey



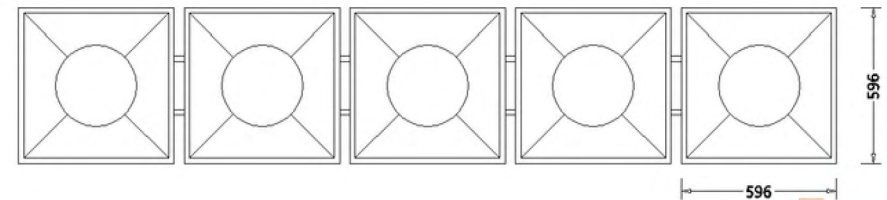
TG-20 sky Blue



TG-41 Reed Green



TG-11Orange



Five combined with black and white **M**









## 60dB Acoustic LED Panel Light

Offers powerful, efficient extremely comfortable lighting.  
Its spaciousness effect improves spatial perception and boosts  
visual and perceptual well-being.

In its central core,  
60dB can house smart tools that extend its functionality  
beyond light, thereby developing the concept of integration in  
architecture through the smart  
activation of safety, entertainment , comfort and sustainability services.







# SUITABLE FOR OFFICE SPACE

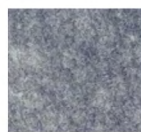
Main color



TG-32 Black



TG-33 White



TG-28 African Grey



TG-20 sky Blue

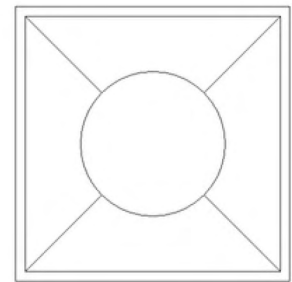
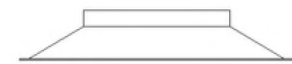


TG-41 Reed Green



TG-11 Orange

RECESSED



596

108

596

M





60dB Acoustic LED Panel Light creates niches of sky, microcosms, virtual spaces in physical space, islands of intimacy where light will enfold you, as if you were under a skylight. The rich distribution of the light emitted by 60dB Light perception of space by balancing luminance on different planes and helping achieve optimum horizontal and vertical lighting levels that are needed to create an environment that stimulates people by respecting circadian cycles and encouraging a positive mood, productivity and general well-being.





Our acoustic range provides functional and visually appealing sound absorbing solutions.

Your business , office or lounge deserves a pleasant acoustic.









# DECORATING WITH LIGHT

60dB Led Acoustic  
Pendant Light blends  
into architecture and  
becomes an integral  
part of it.

M



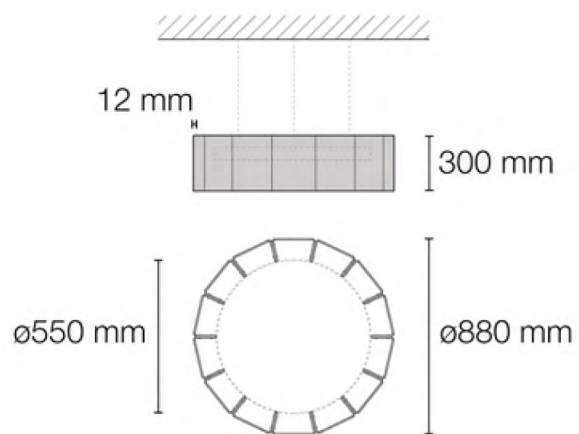


M









## DESCRIPTION

Acoustic pet panel with fire retardant properties engineered to reduce and control reverberated noise and echo in a wide variety of environments,, body 100% in fibers (60% recycled) and grey finish.

## GENERAL

0,4 (ISO 354:2003)

0,25 (ISO 11654:1997)

ASTM E84 CLASS A

EN 13501-1 CLASS B-s1,d0

OEKO-TEX® STANDARD 100



850°C

-20°C +35°C

12

Noise Reduction Coefficient (NRC)

Sound Absorption Coefficient (a)

Fire Test

Fire Test

Environmental certificate

Pendant

Glow-wire Resistance

Ambient Temperature (Ta)

Thickness (mm)

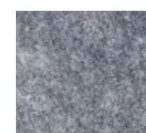
## Main color



TG-32 Black



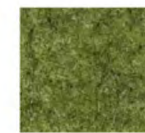
TG-33 White



TG-28 African Grey



TG-20 sky Blue



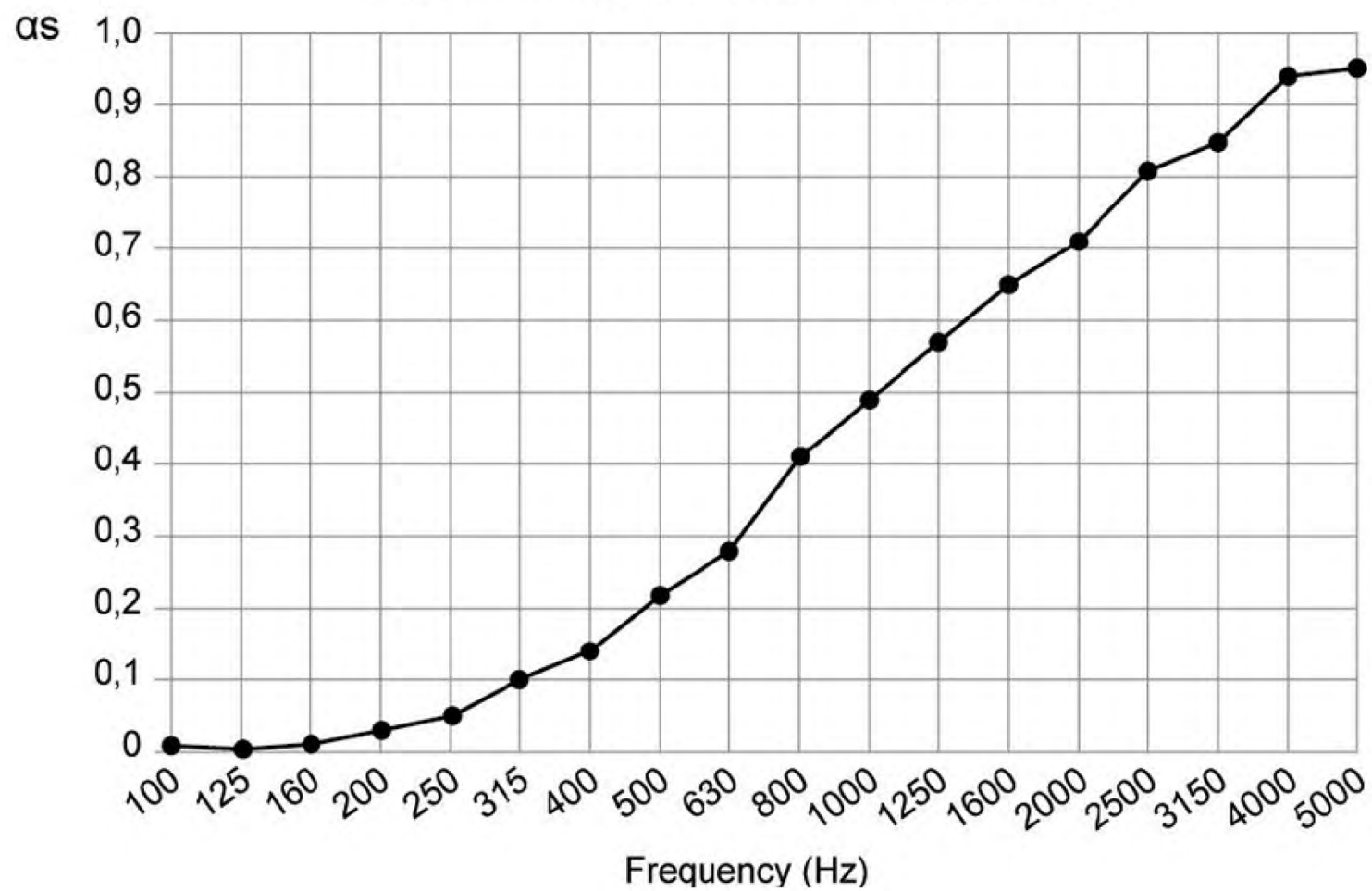
TG-41 Reed Green

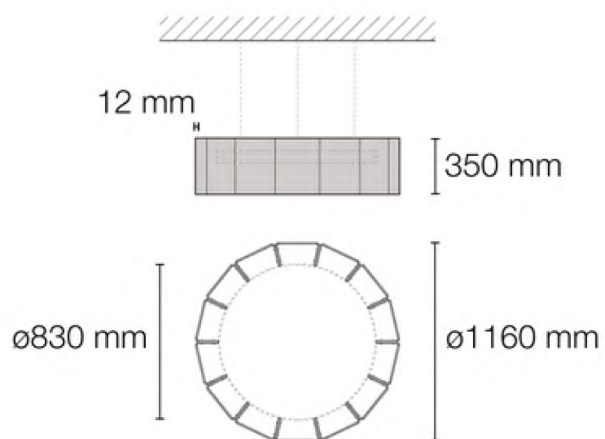


TG-11 Orange



Sound Absorption Coefficient  $\alpha_s$  (12mm)





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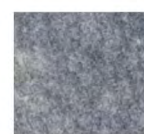
## Main color



TG-32 Black



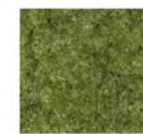
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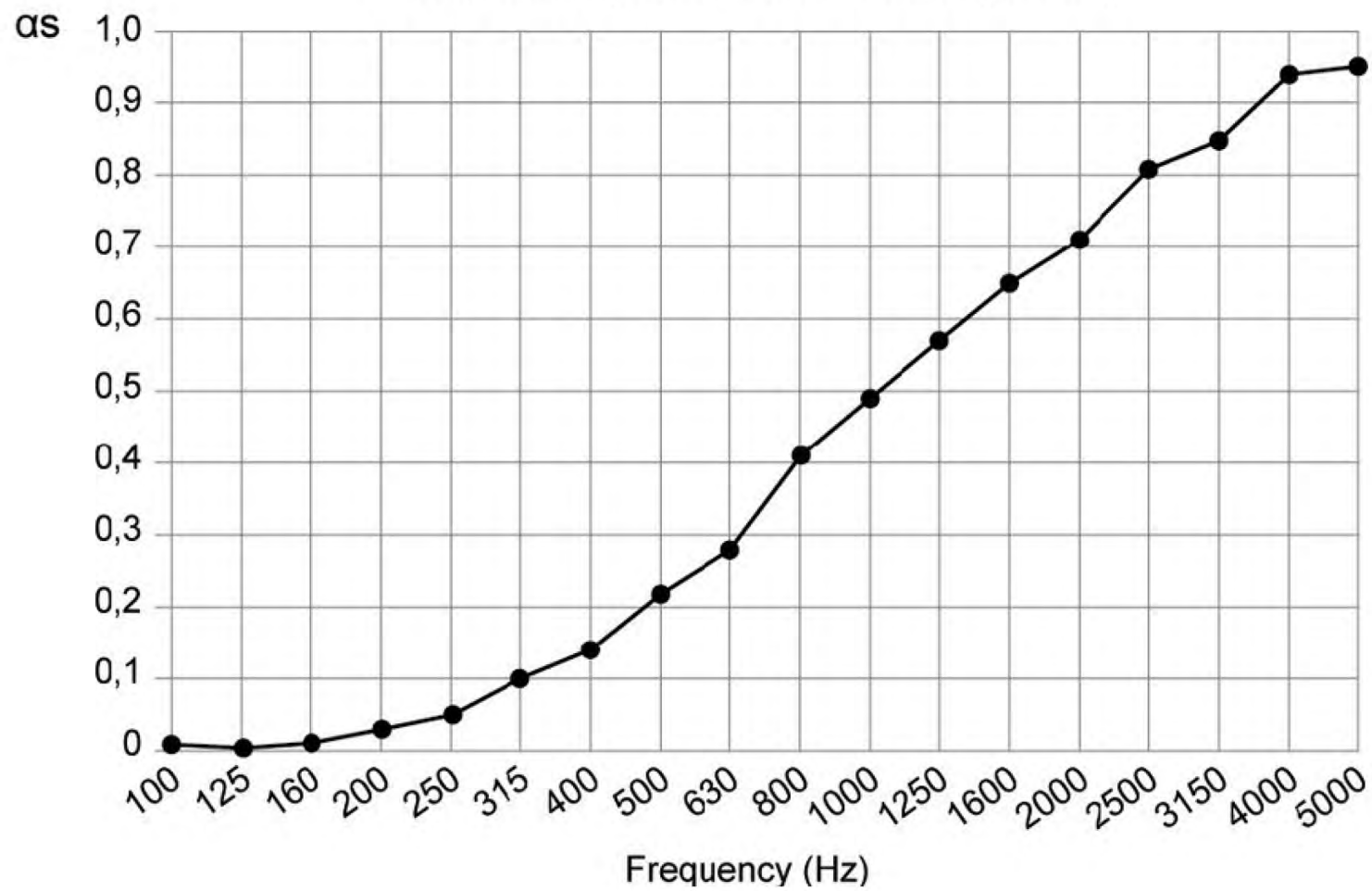
TG-41 Reed Green

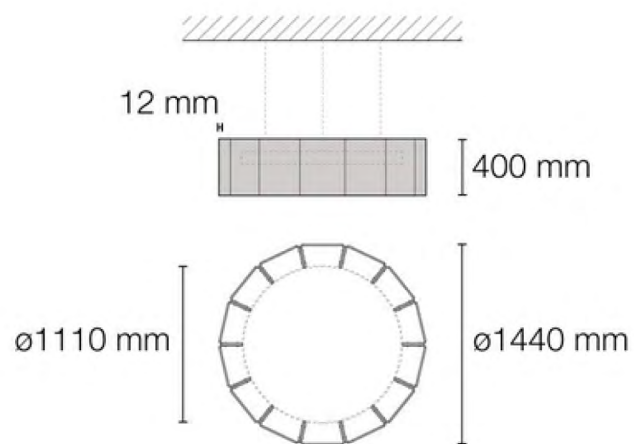


TG-11 Orange



Sound Absorption Coefficient  $\alpha_s$  (12mm)





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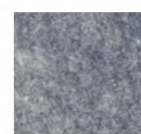
## Main color



TG-32 Black



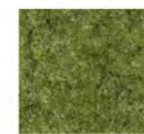
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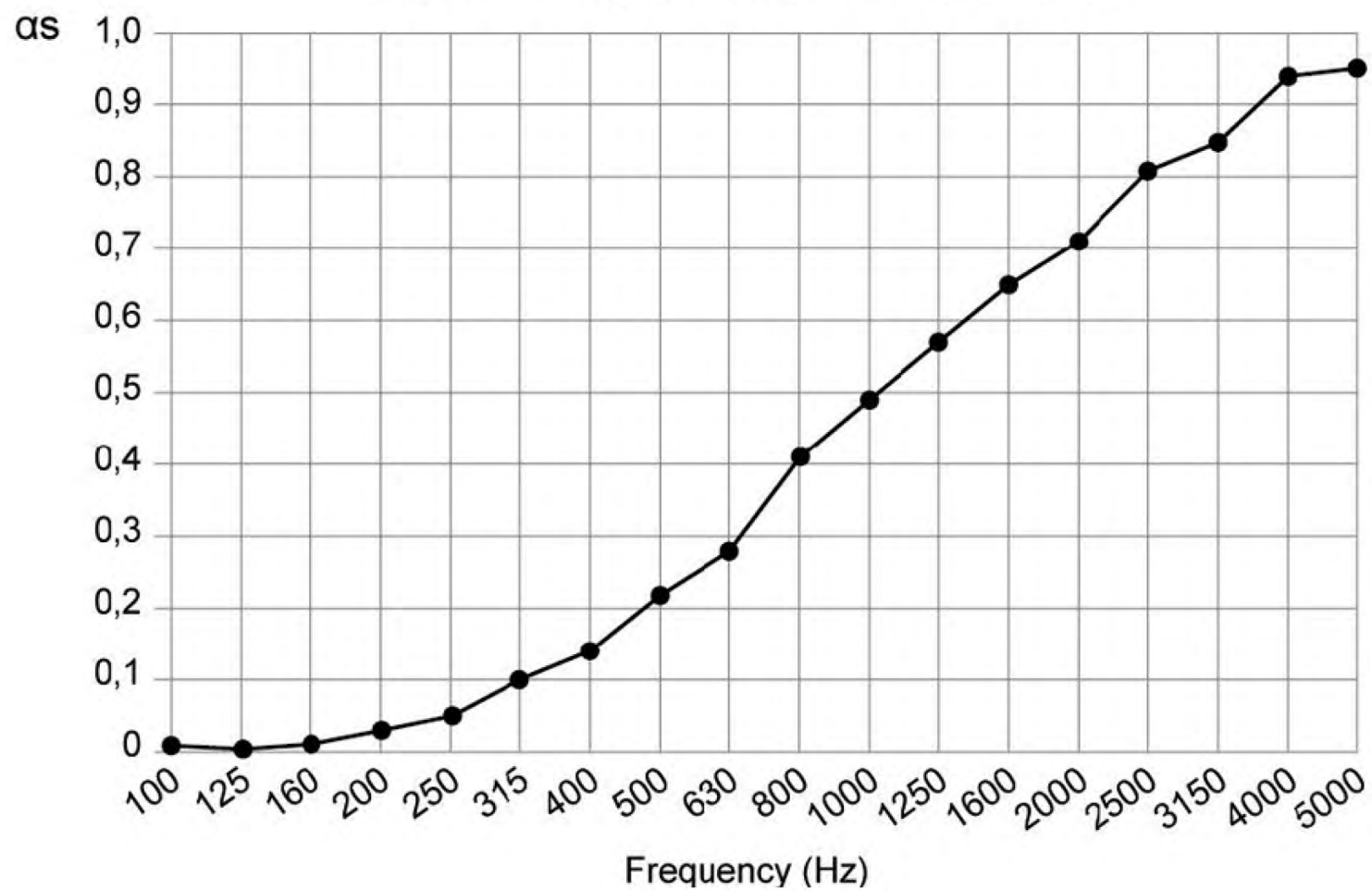
TG-41 Reed Green



TG-11 Orange



Sound Absorption Coefficient  $\alpha_s$  (12mm)



M







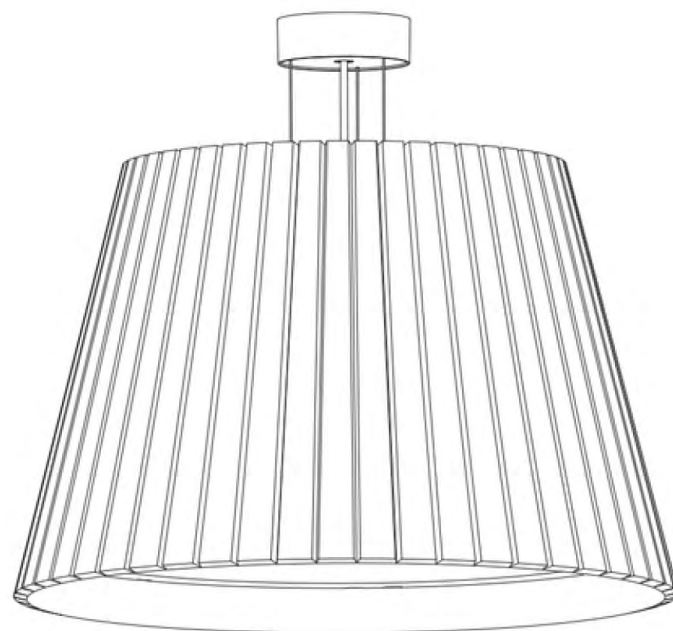
M





M





#### DIAMETER | DIMENSION

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Ø 400	H: 270 mm
Ø 600	H: 400 mm
Ø 800	H: 530 mm
Ø 1200	H: 650 mm
Ø 1600	H: 850 mm



---

LUMEN MAX.

12765 lm

---

WATT MAX.

108 W

---

CCT

2700 K

3000 K

4000 K

---

BEAMWIDTH



DIRECT



DIRECT / INDIRECT

---

DIFFUSOR

OPAL

MICRO-  
PRISM

SPARKLING  
SECRET

VINTAGE  
INDUSTRIAL

---

ACOUSTIC MATERIAL

28 TG COLORS

---

MATERIAL

25 ECOJAS COLORS

