

Metropolitan Studio®



60dB

M

60dB Acoustic LED Panel Light

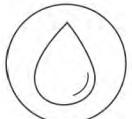
LET'S GREEN YOUR ROOM



Environmentally
friendly recyclable
materials



Fire retardant



Mouldproof
moistureproof



it can be
custom made



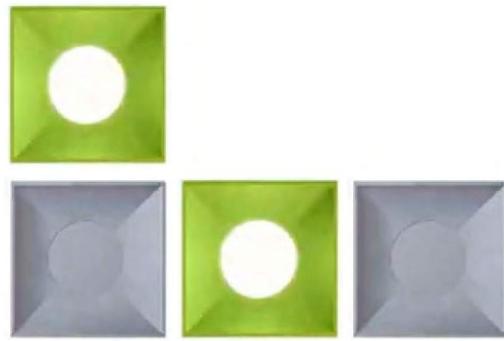
Sound-Absorbing
noise reduction



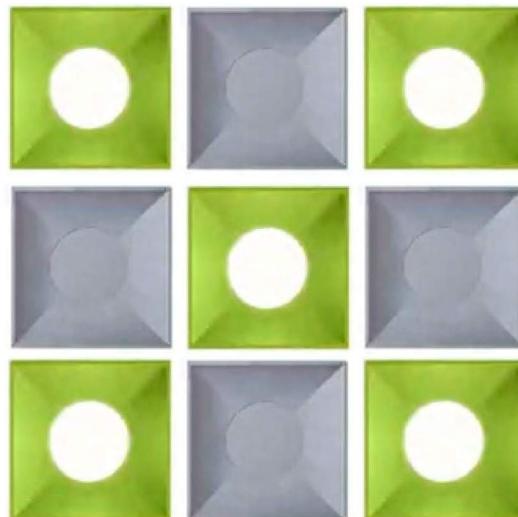
Convenient
installation

CE CB

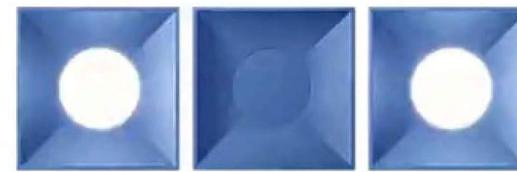




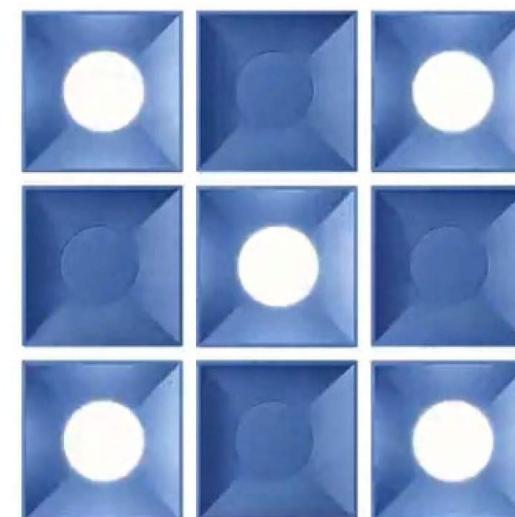
New technology



Flexible combination



DIY YOUR LIGHTS



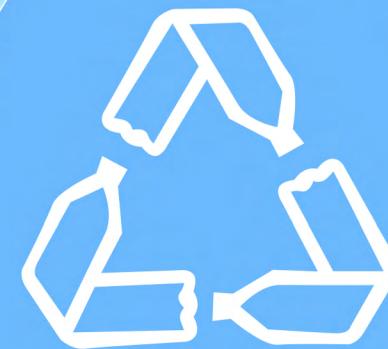
PIONEER WORK IN THE FIGHT AGAINST SINGLE-USE PLASTICS

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
53 pet bottles /m²
88 pet bottles /m²

M



OVER
20

MILLION

UP-CYCL ED
PET BOTTL ES
PER YEAR

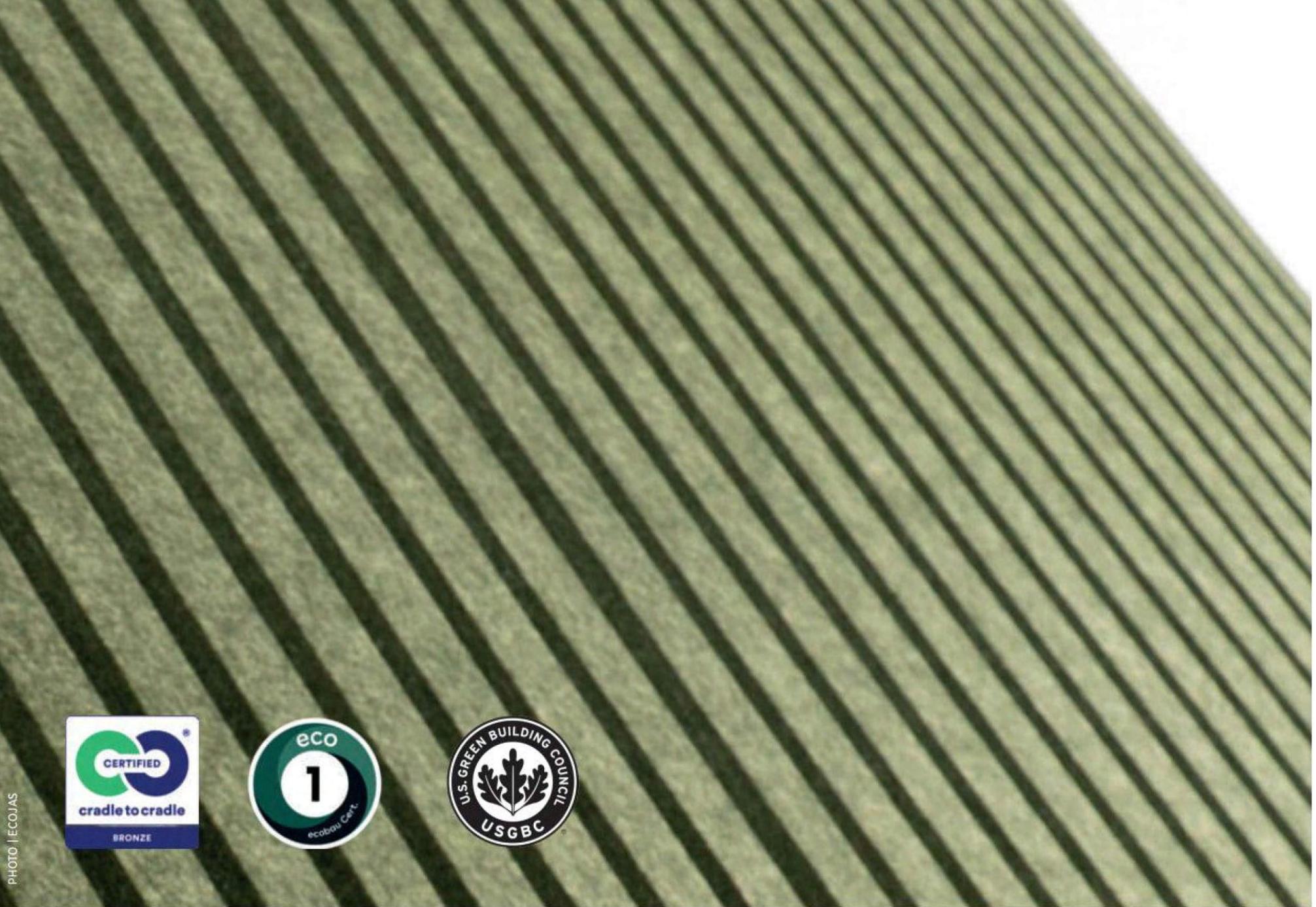


PHOTO | ECOJAS



THE MATERIAL

Color sand carefully curated material shave 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 cours emanufacture 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

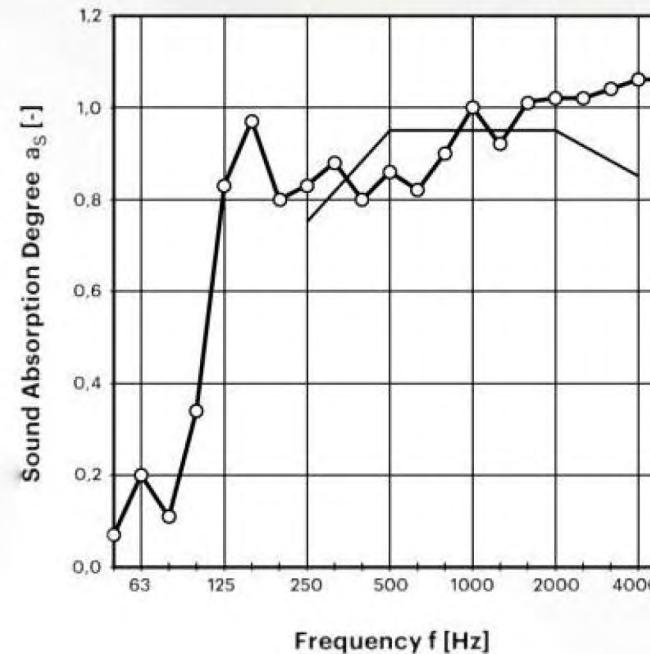
ENVIRONMENTAL

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)



M

Customize Color



M



TG-44 Dark Silver Gray



TG-45 River Grey



TG-46 Agate Gray



TG-41 Reed Green



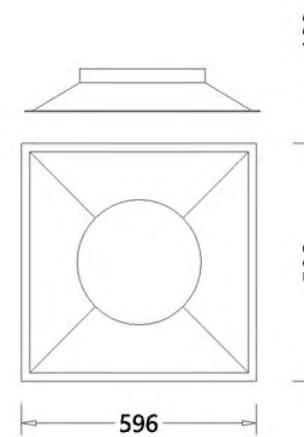
TG-42 Ginger Yellow



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

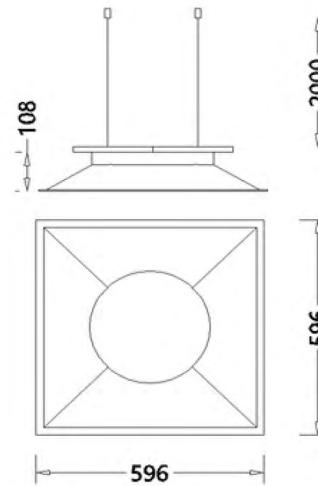
RECESSED TYPE SPECIFICATION



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

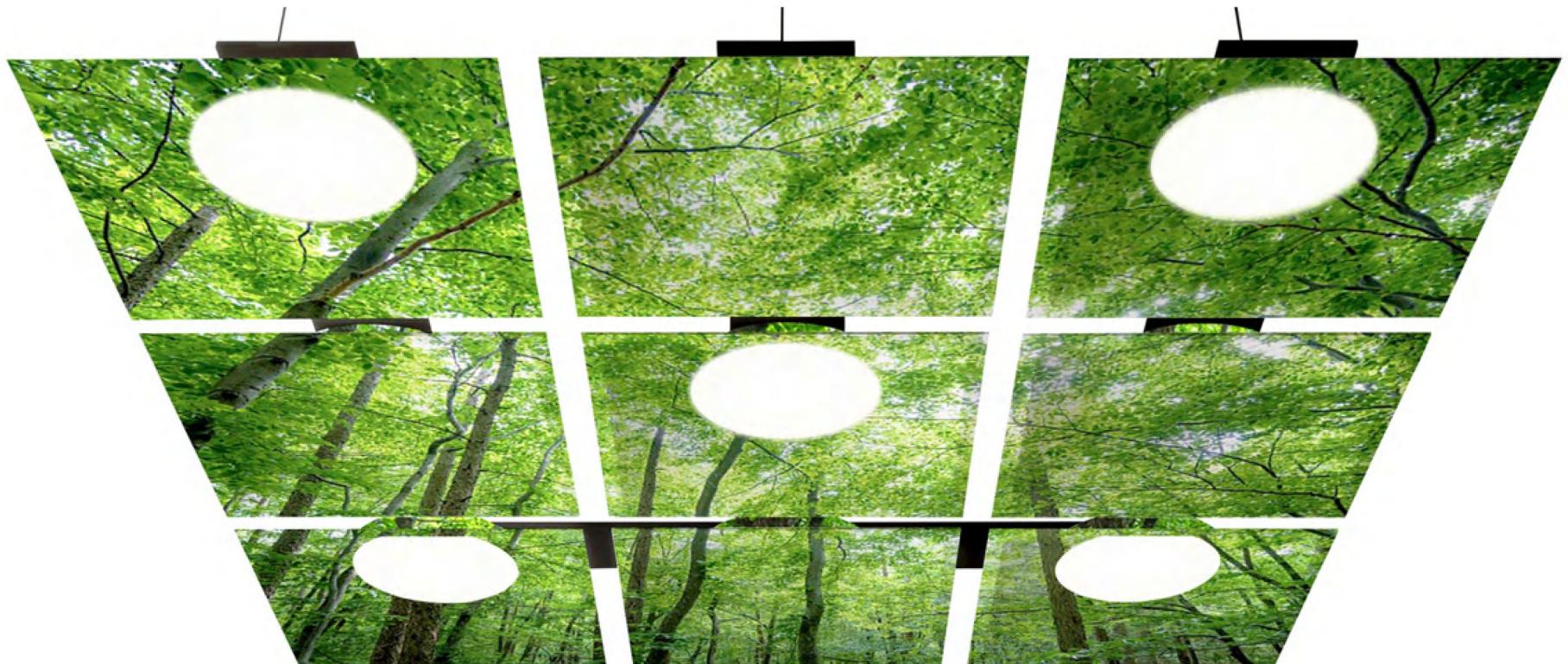
Code	Efficacy	Wattage	Glare	CCT	CRI	Control	Dimension	Installation
EJ6051-B-P	100lm/w	33W	UGR 19	6500	80	DALI-2	596*596*1080H2000	Pendant
EJ6052-B-P	100lm/w	33W	UGR 19	6500	90	DALI-2	596*596*1080H2000	Pendant
EJ6053-B-P	90lm/w	33W	UGR 19	4000	80	DALI-2	596*596*1080H2000	Pendant
EJ6054-B-P	90lm/w	33W	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



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*1080H2000	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





FOREST series

60d Acoustic LED Panel Light

Can be customised to turn into reality anything you imagine.

M

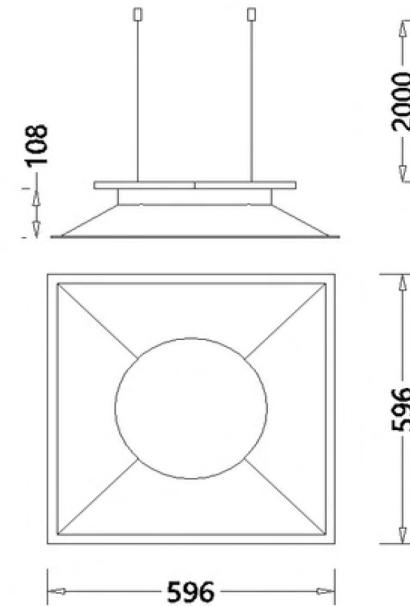




BLUE SKY series
600 Acoustic LED Panel Light
Can be customised to turn into reality anything you imagine.

M

SINGLE



Main color



TG-32 Black

TG-33 White

TG-28 African Grey



TG-20 sky Blue

TG-41 Reed Green

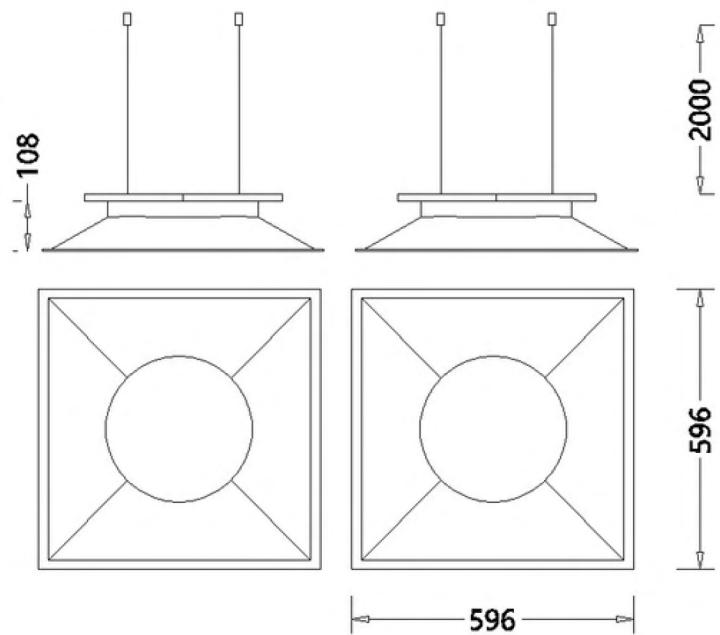
TG-11 Orange

M



-14

DOUBLE



Main color



TG-32 Black



TG-33 White



TG-28 African Grey



TG-20 sky Blue



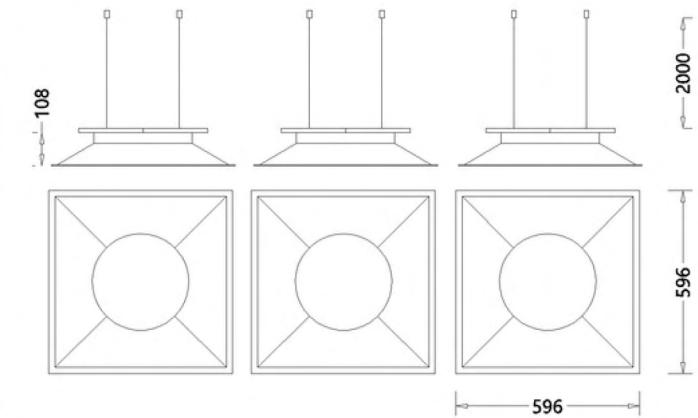
TG-41 Reed Green



TG-11Orange

M

TRIPLE



Main color



TG-32 Black

TG-33 White

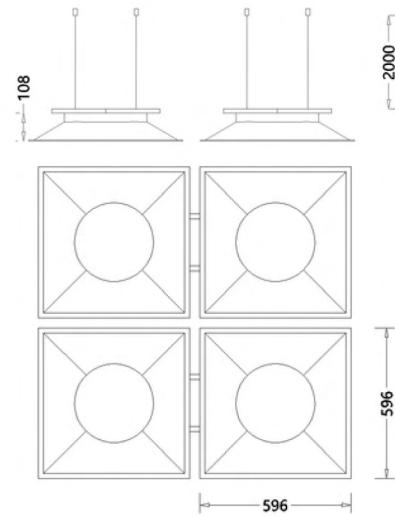
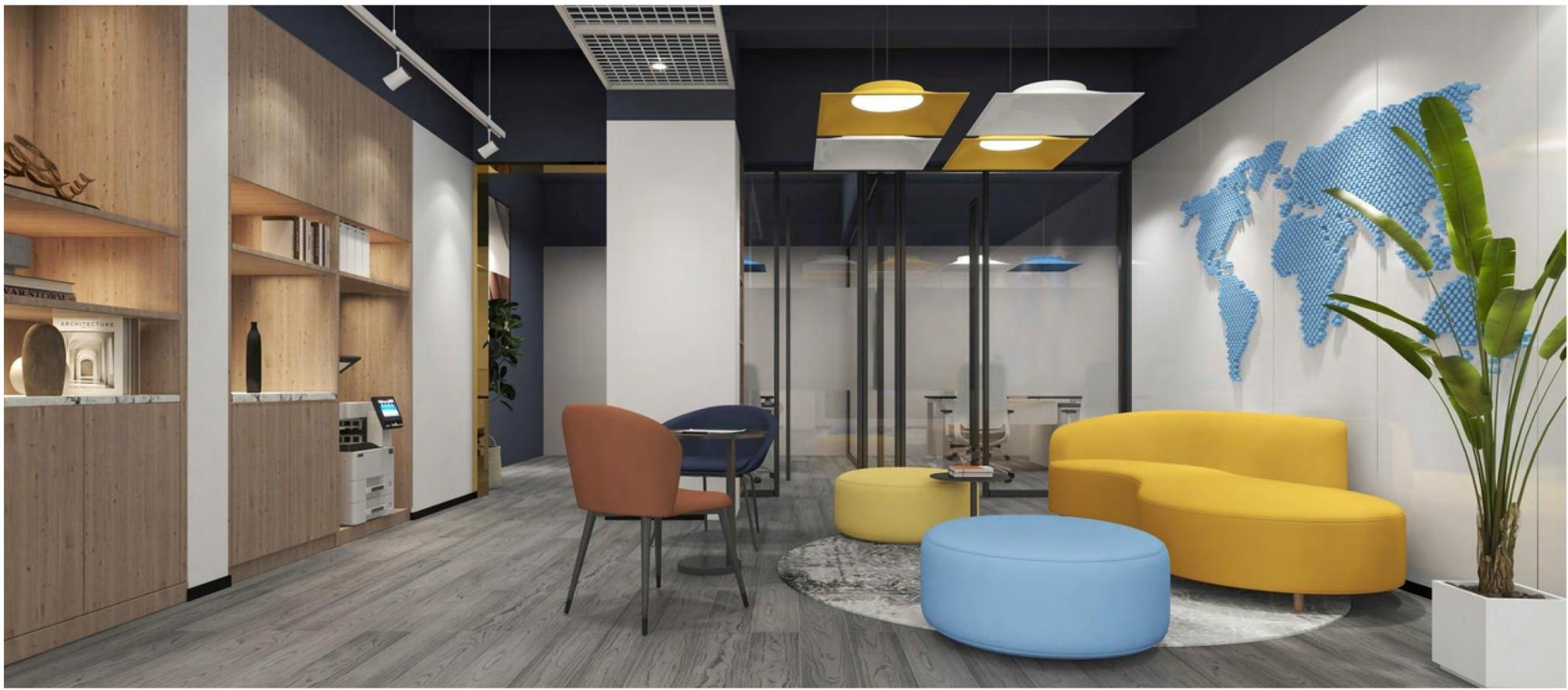
TG-28 African Grey



TG-20 sky Blue

TG-41 Reed Green

TG-11Orange



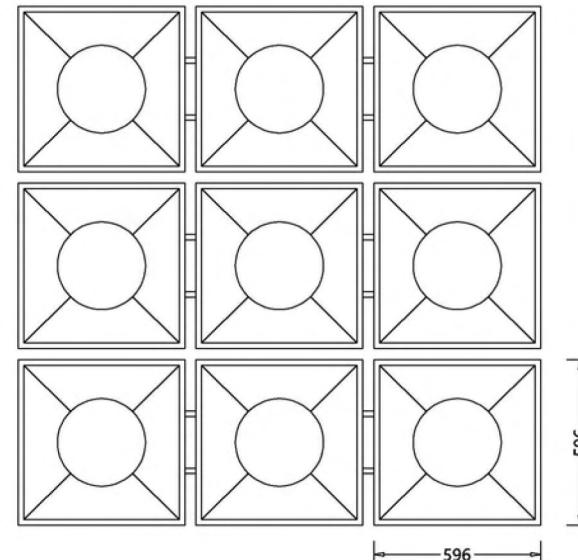
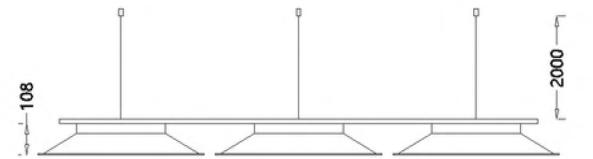
FOUR

SUITABLE FOR
RECEPTION
ROOMS



NIGHT

M



Main color



TG-32 Black



TG-33 White



TG-28 African Grey



TG-20 sky Blue



TG-41 Reed Green

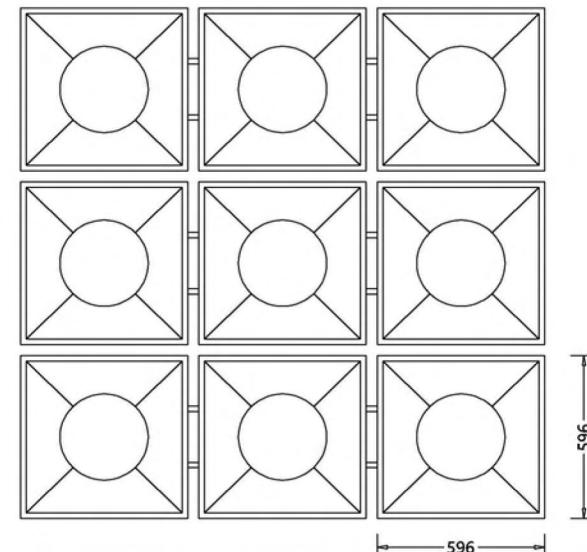
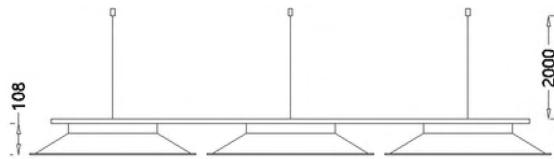


TG-11Orange



GREY IN NIGHT

M



Main color



TG-32 Black



TG-33 White



TG-28 African Grey



TG-20 sky Blue



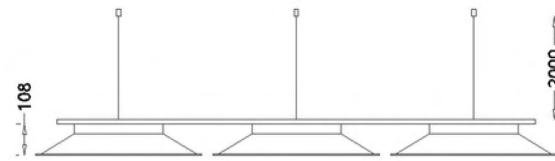
TG-41 Reed Green



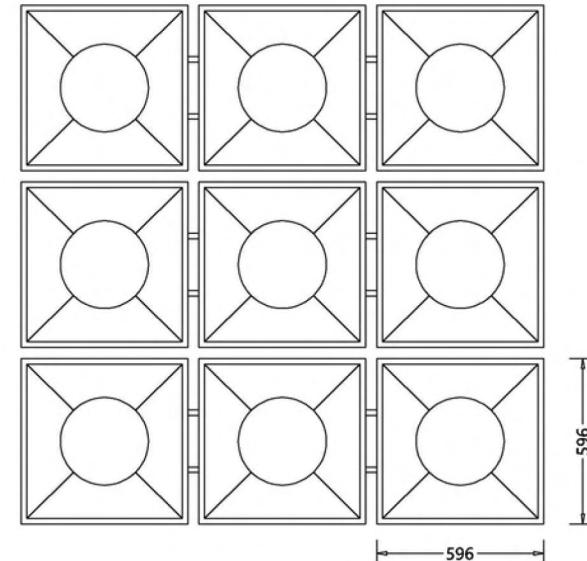
TG-110 Orange



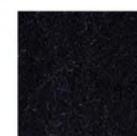
BLACK IN NIGHT



M



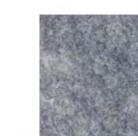
Main color



TG-32 Black



TG-33 White



TG-28 African Grey



TG-20 sky Blue



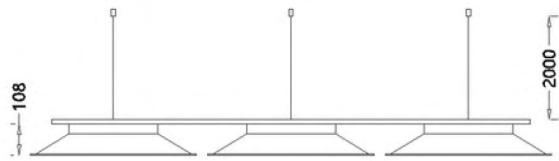
TG-41 Reed Green



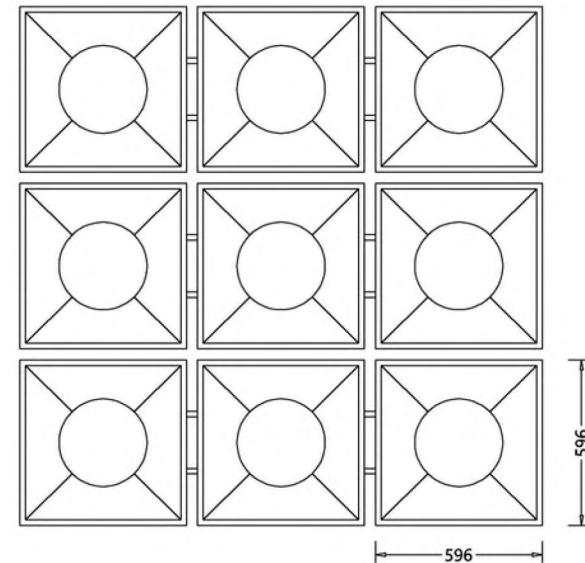
TG-11Orange



BLUE IN NIGHT



M



Main color



TG-32 Black



TG-33 White



TG-28 African Grey



TG-20 sky Blue

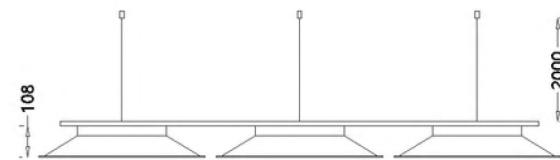


TG-41 Reed Green

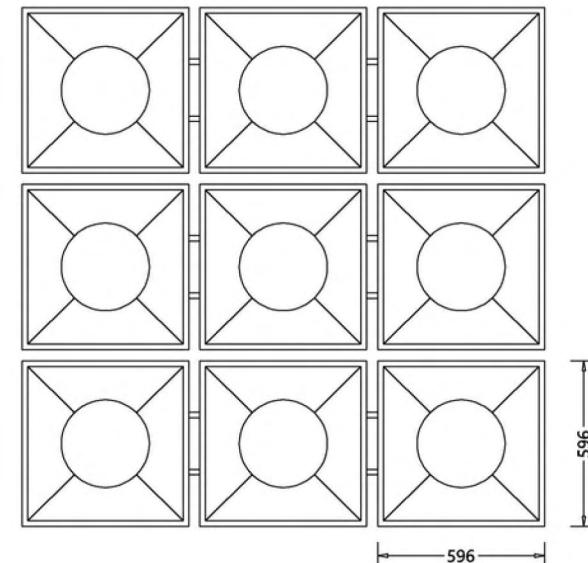


TG-11 Orange

YELLOW IN NIGHT



M



Main color



TG-32 Black



TG-33 White



TG-28 African Grey



TG-20 sky Blue

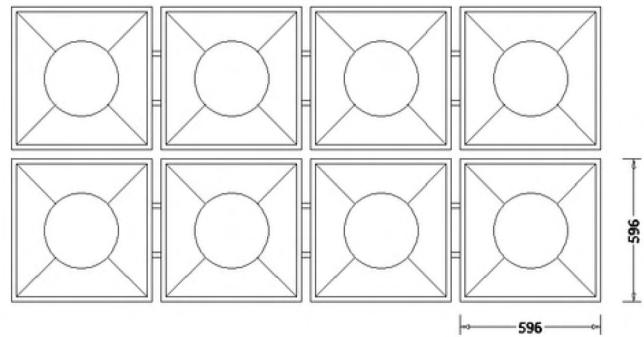


TG-41 Reed Green



TG-11Orange

M



SIX SUITABLEFOR
OFFICE



Main color



TG-32 Black



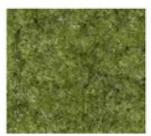
TG-33 White



TG-28 African Grey



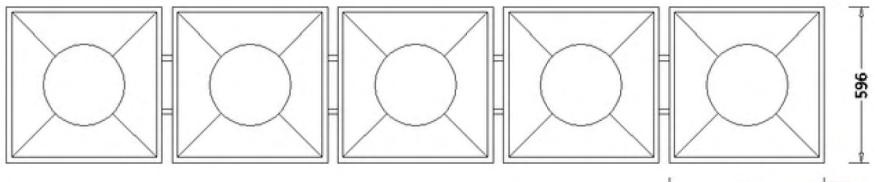
TG-20 sky Blue



TG-41 Reed Green

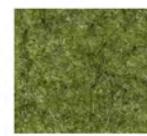


TG-11Orange





Main color



TG-32 Black

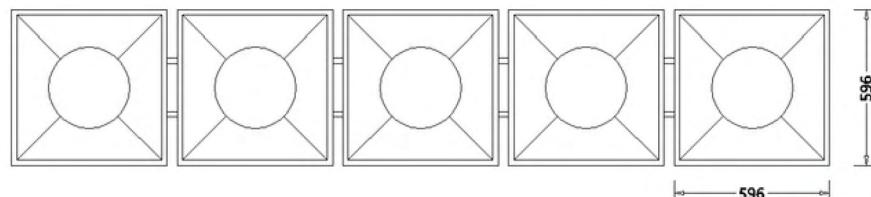
TG-33 White

TG-28 African Grey

TG-20 sky Blue

TG-41 Reed Green

TG-11Orange







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.

M



SUITABLEFOR OFFICE SPACE

Main color



TG-32 Black



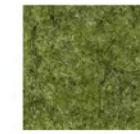
TG-33 White



TG-28 African Grey



TG-20 sky Blue

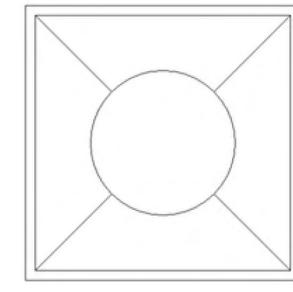


TG-41 Reed Green



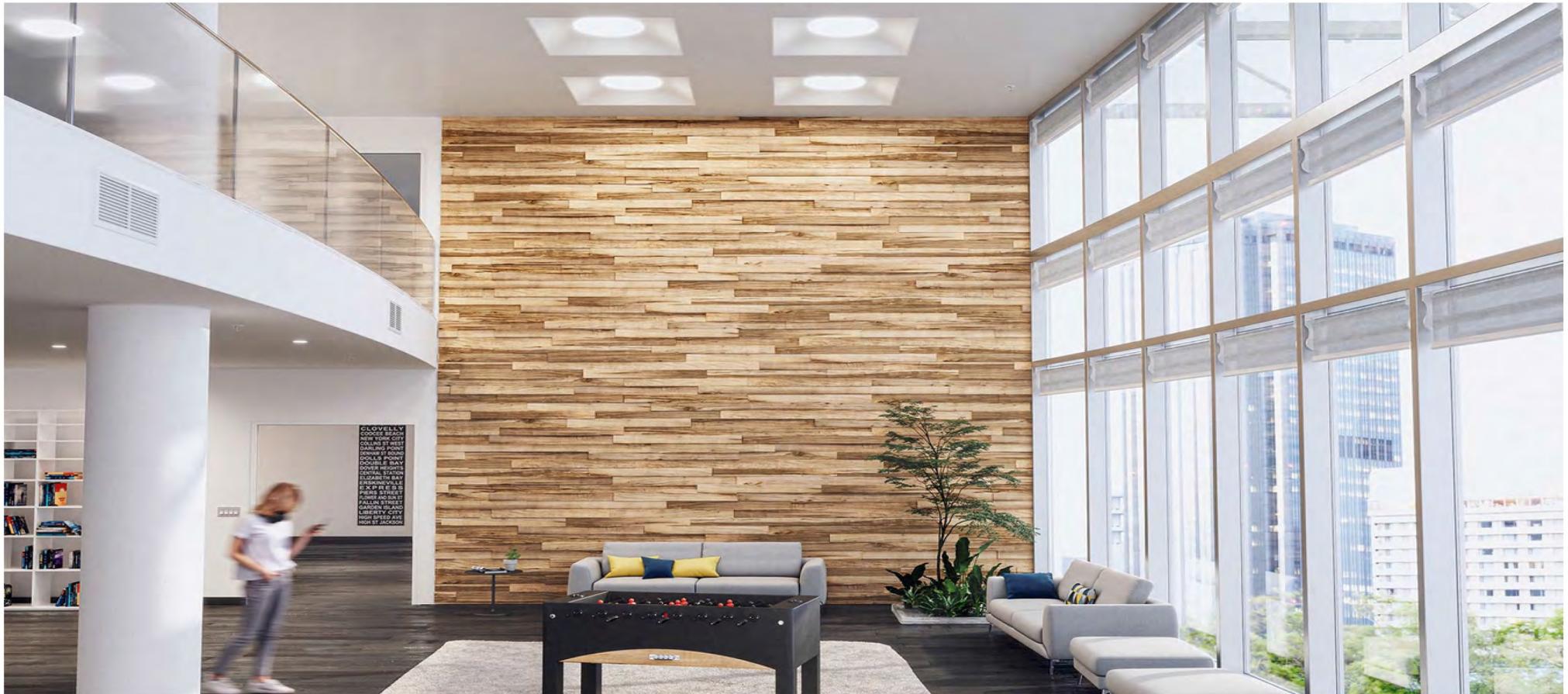
TG-110 Orange

RECESSED



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.

M

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

Your business , office or lounge deserves a pleasant acoustic.

M





DECORATING WITH LIGHT

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

M

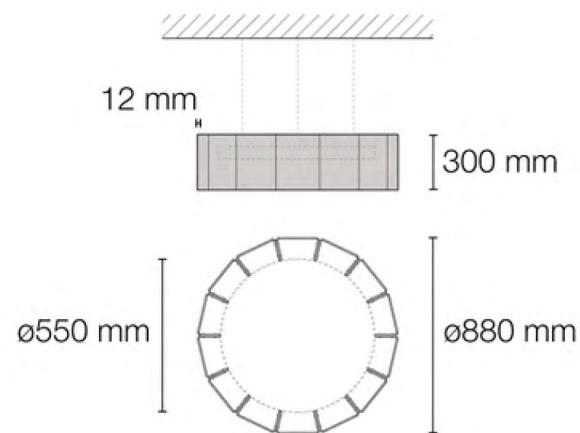


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M



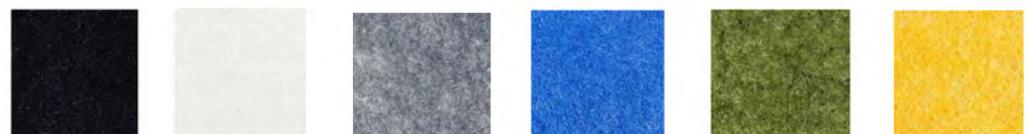
DESCRIPTION

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)	Noise Reduction Coefficient (NRC)
0,25 (ISO 11654:1997)	Sound Absorption Coefficient (a)
ASTM E84 CLASS A	Fire Test
EN 13501-1 CLASS B-s1,d0	Fire Test
OEKO-TEX® STANDARD 100	Environmental certificate
	Pendant
	Glow-wire Resistance
-20°C +35°C	Ambient Temperature (Ta)
12	Thickness (mm)

Main color

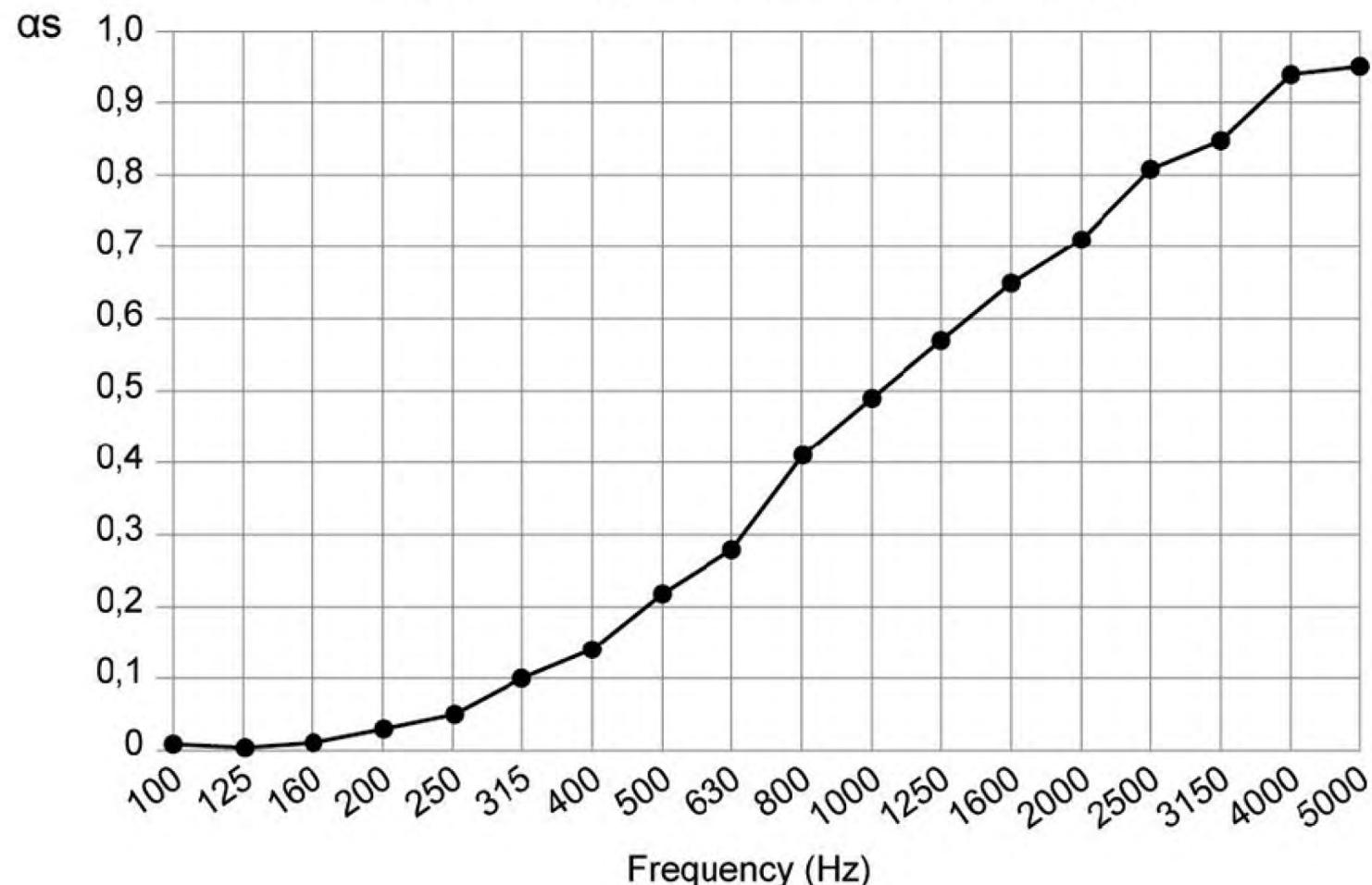


TG-32 Black TG-33 White TG-28 African Grey TG-20 sky Blue TG-41 Reed Green

TG-11 Orange

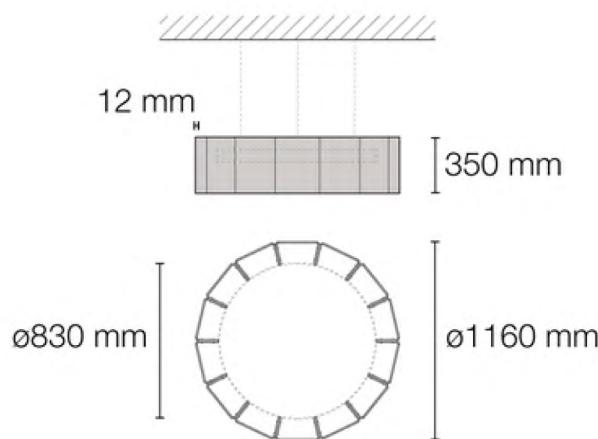
M

Sound Absorption Coefficient as (12mm)



M





M

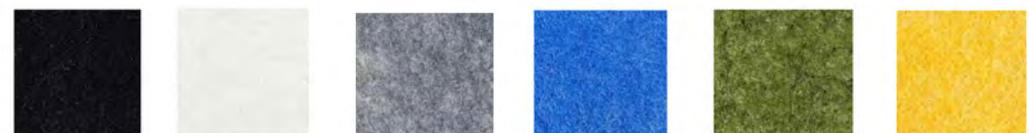
DESCRIPTION

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)	Noise Reduction Coefficient (NRC)
0,25 (ISO 11654:1997)	Sound Absorption Coefficient (a)
ASTM E84 CLASS A	Fire Test
EN 13501-1 CLASS B-s1,d0	Fire Test
OEKO-TEX® STANDARD 100	Environmental certificate
	Pendant
	Glow-wire Resistance
-20°C +35°C	Ambient Temperature (Ta)
12	Thickness (mm)

Main color



TG-32 Black

TG-33 White

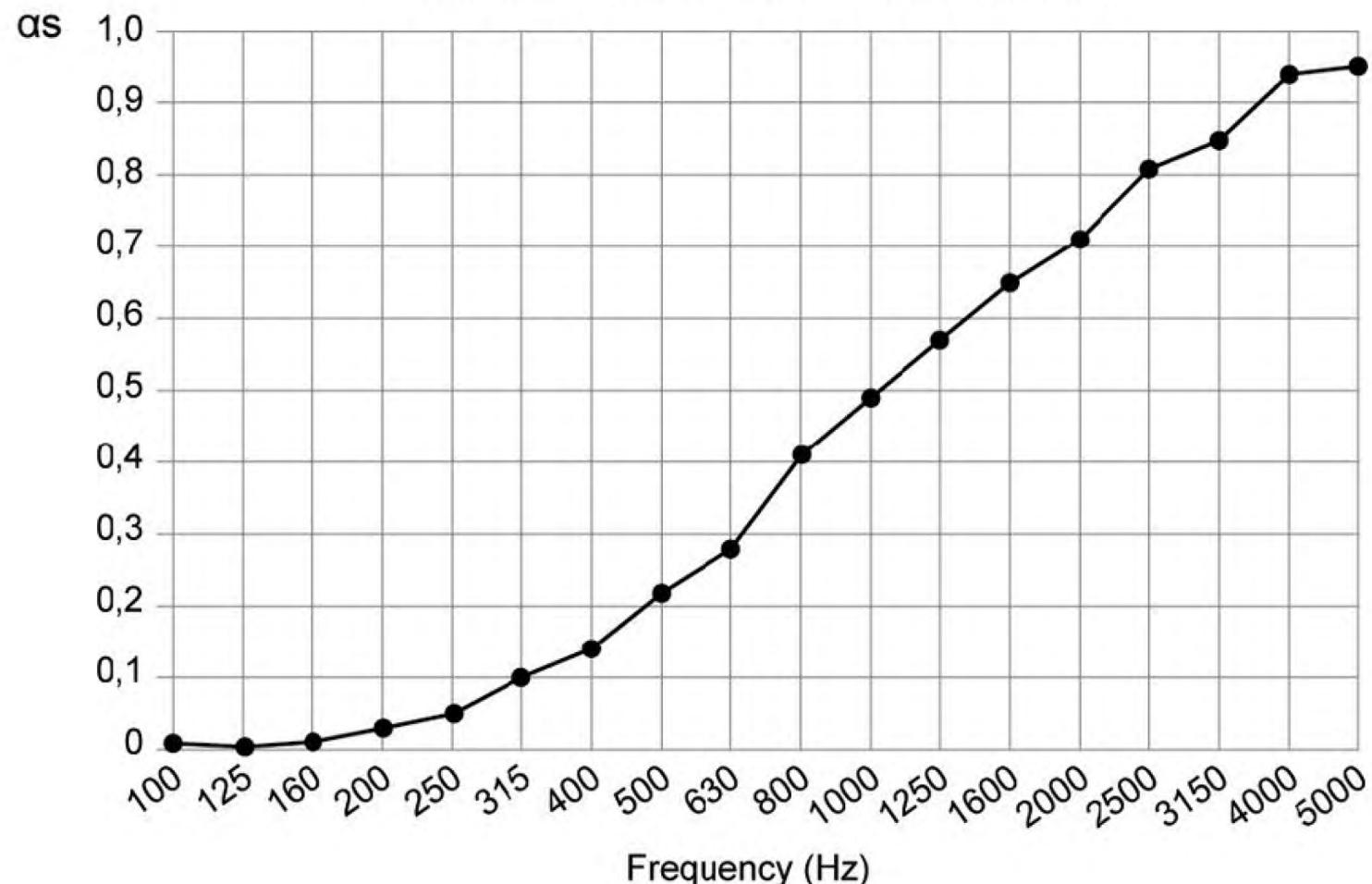
TG-28 African Grey

TG-20 sky Blue

TG-41 Reed Green

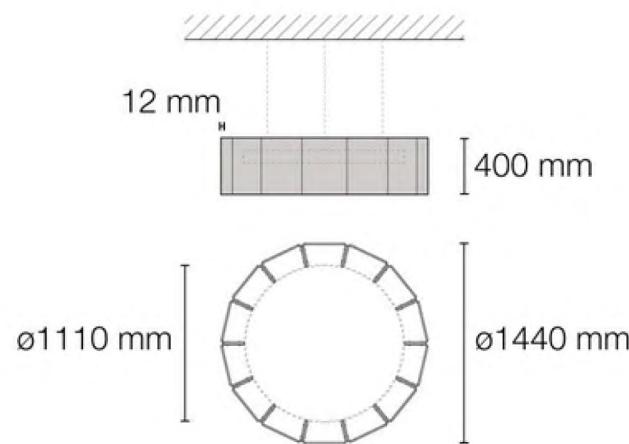
TG-11Orange

Sound Absorption Coefficient as (12mm)



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)	Noise Reduction Coefficient (NRC)
0,25 (ISO 11654:1997)	Sound Absorption Coefficient (a)
ASTM E84 CLASS A	Fire Test
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OEKO-TEX® STANDARD 100	Environmental certificate
	Pendant
	Glow-wire Resistance
-20°C +35°C	Ambient Temperature (Ta)
12	Thickness (mm)

Main color



TG-32 Black

TG-33 White

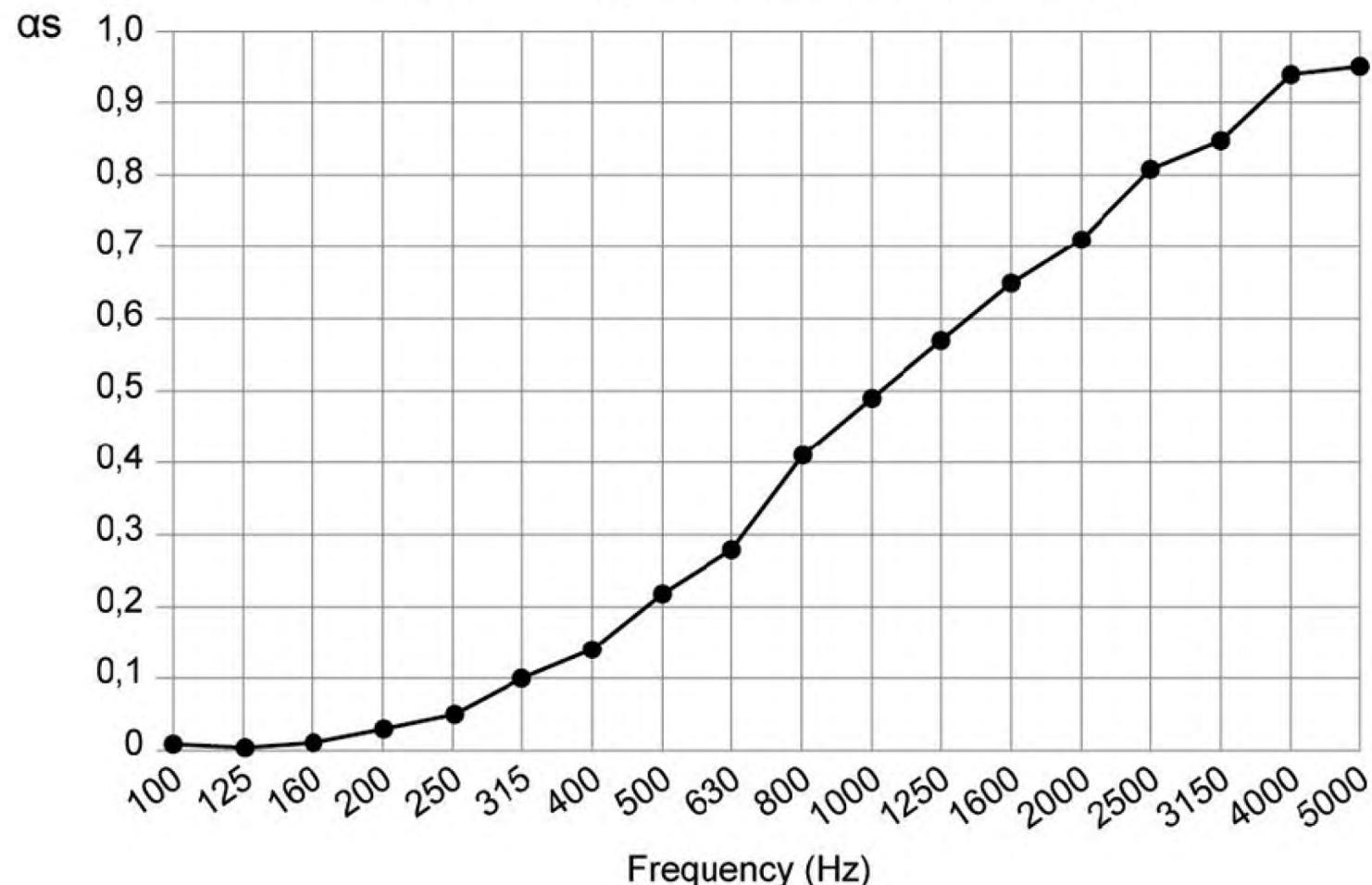
TG-28 African Grey

TG-20 sky Blue

TG-41 Reed Green

TG-110 Orange

Sound Absorption Coefficient as (12mm)



M

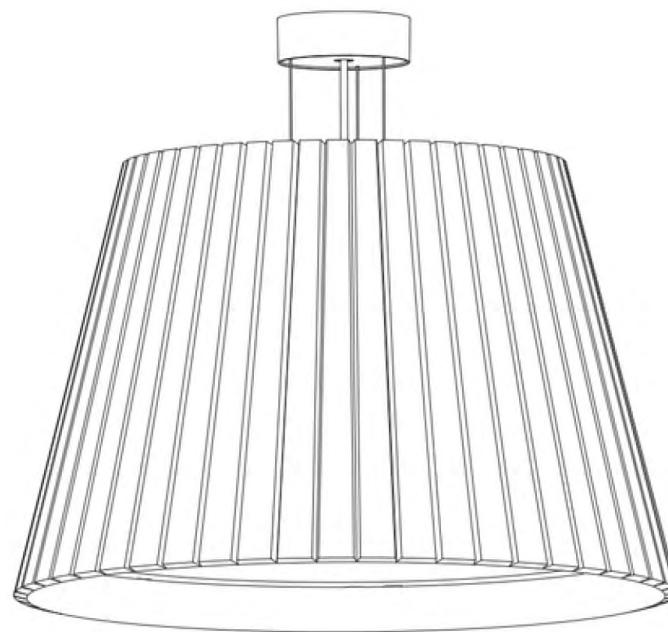




M



M



DIAMETER | DIMENSION

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

M

