

ECO-PHONIC

ILLUMINAZIONE E FONOASSORBENZA
LIGHTING AND SOUND ABSORPTION



LA RICERCA E L'INNOVAZIONE TECNOLOGICA. QUANDO FLESSIBILITA' E PERSONALIZZAZIONE CONTANO.

Il nostro core business è in grado di soddisfare qualsiasi esigenza anche nella realizzazione di prodotti LED ad hoc, su specifica personalizzazione del cliente committente, interamente progettati e realizzati nei nostri stabilimenti di Lainate. Molti dei nostri prodotti led nascono dalle specifiche esigenze della nostra committenza, un privilegio che ci consente di essere totalmente coinvolti nel progetto fin dal suo nascere.

Un approccio al cliente caratterizzato dalla ricerca di soluzioni ad hoc che estendono la nostra esperienza

e collaborazione a progettisti, architetti e studi di ricerca, in un circolo virtuoso e continuo tra know how e collaborazione esterna.

La ricerca continua di nuove soluzioni volte al fabbisogno specifico della nostra clientela, unitamente ad una flessibilità e qualità nella realizzazione di prodotti LED ad hoc, su specifica personalizzazione del cliente committente, rendono la nostra azienda un partner ideale.

RESEARCH AND TECHNOLOGICAL INNOVATION. WHEN FLEXIBILITY AND CUSTOMIZATION MATTER.

Our core business is able to satisfy any need even in production of customized LED products, specifically customized by the client, entirely designed and manufactured in our Lainate factories.

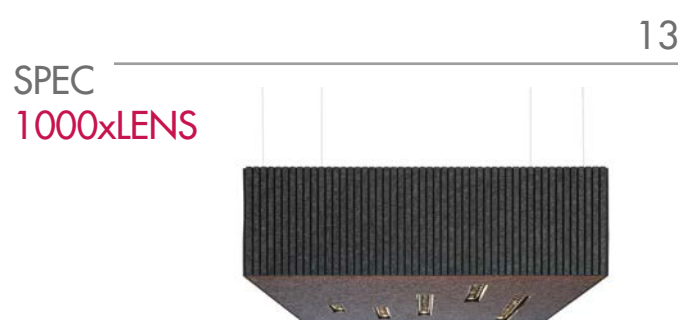
Many of our LED products are born from the specific needs of our clients, a privilege that allows us to be totally involved in the project right from its inception.

An approach to the customer characterized by the search for customized solutions that extend our

experience and collaboration to designers, architects and research studios, in a virtuous and continuous circle between internal know-how and external collaboration.

The continuous research for new solutions aimed at the specific needs of our customers, together with flexibility and quality in the creation of LED products, specifically customized by the client, make our company the ideal partner.

INDICE ECO-PHONIC



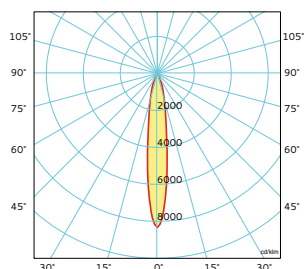


ECO-PHONIC

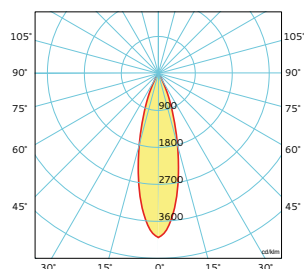


GIOTTO ECO

4000K | 4170 lm | 33W | 15°



4000K | 4170 lm | 33W | 35°



INSTALLAZIONE

Sospensione, binario

COLORI FINITURE

Bianco, Nero

RIVESTIMENTO TESSUTO

Feltro di lana: 1 colore, 2 colori

EMISSIONE LUMINOSA

Diretta - Simmetrica

DISPOSITIVO OTTICO

Riflettori in alluminio anodizzato
intercambiabili:

Spot 15°, Wide Food 35°

MOUNTINGS

Suspended fitting, track

FINISHING COLOURS

White, black

FABRIC LINING

Wool felt: 1 color, 2 colours

LIGHT EMISSION

Direct - Symmetric

OPTICAL DEVICE

*Interchangeable spot anodized
aluminum reflectors:*

Spot 15°, Wide Food 35°

CRI
≥90

MAC
ADAM
2 SDCM

F

50k
L80B10

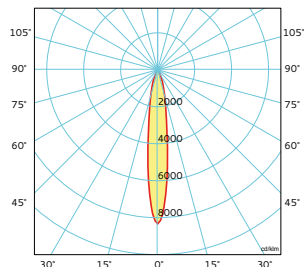
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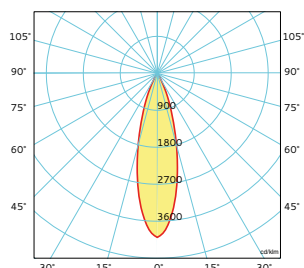
K	mA	lm IN	B	W	H	Ø
3000 / 4000	250	1240 / 1300	15°	10	205	85
3000 / 4000	550	2425 / 2725	15°	22		
3000 / 4000	250	1240 / 1300	35°	10		
3000 / 4000	550	2425 / 2725	35°	22		

GIOTTO CUSTOM

4000K | 4170 lm | 33W | 15°



4000K | 4170 lm | 33W | 35°



INSTALLAZIONE

Sospensione, binario

COLORI FINITURE

Bianco, Nero

RIVESTIMENTO TESSUTO

Feltro di lana: 1 colore, 2 colori

EMISSIONE LUMINOSA

Diretta - Simmetrica

DISPOSITIVO OTTICO

Riflettori in alluminio anodizzato intercambiabili:

Spot 15°, Wide Food 35°

MOUNTINGS

Suspended fitting, track

FINISHING COLOURS

White, black

FABRIC LINING

Wool felt: 1 color, 2 colours

LIGHT EMISSION

Direct - Symmetric

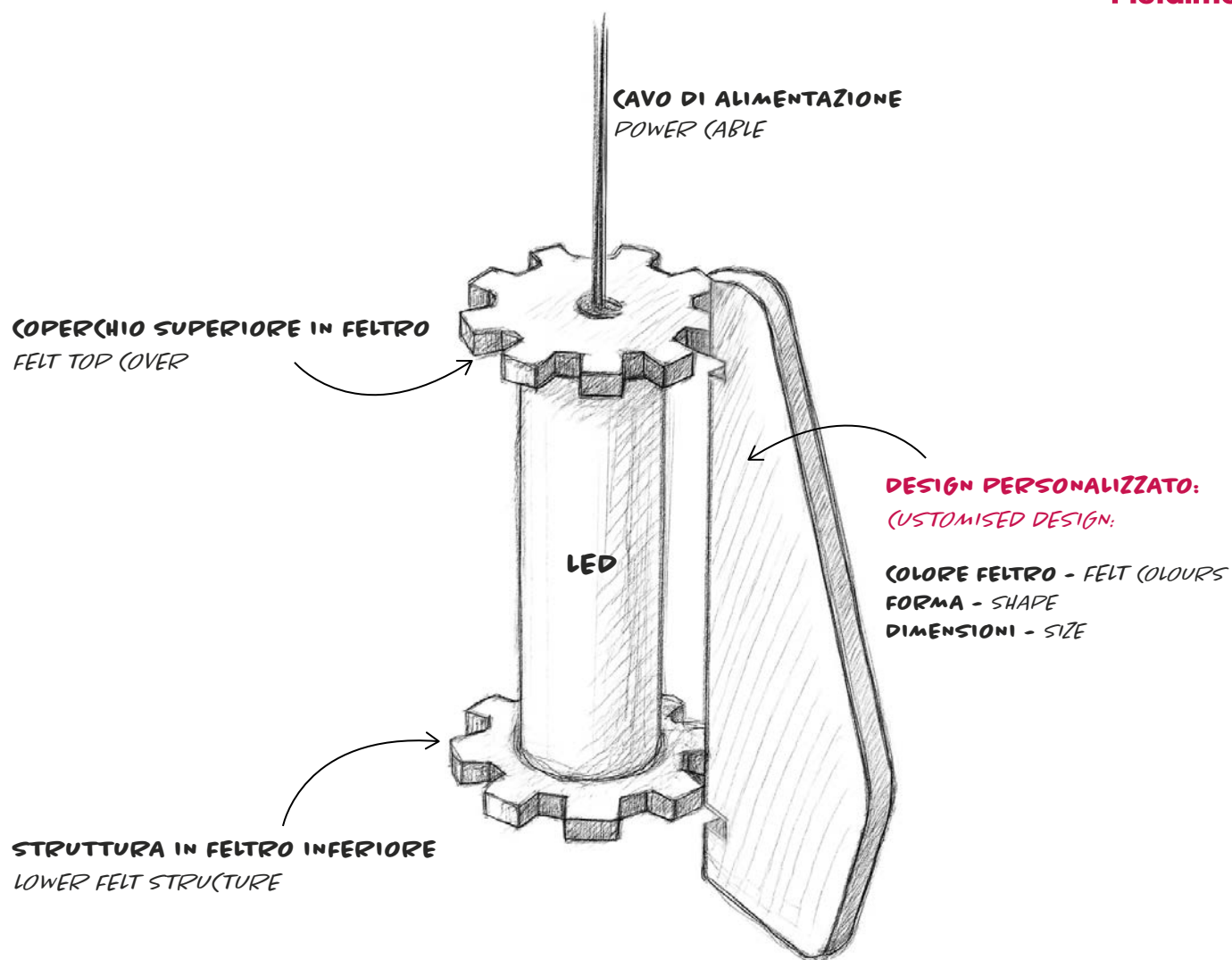
OPTICAL DEVICE

Interchangeable spot anodized aluminum reflectors:

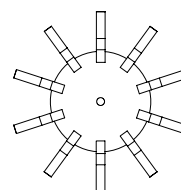
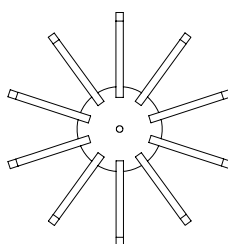
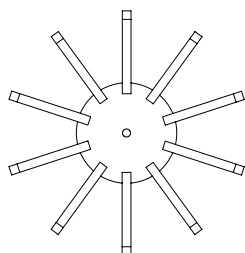
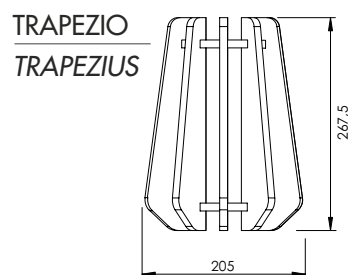
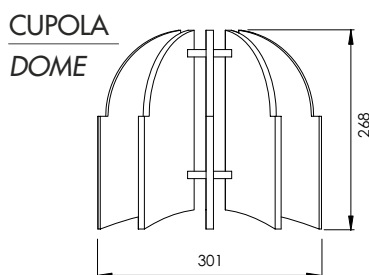
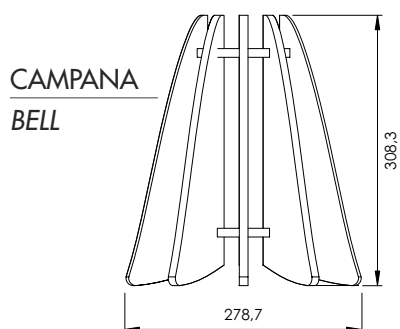
Spot 15°, Wide Food 35°



K	mA	lm IN	B	W	H	Ø
3000 / 4000	250	1240 / 1300	15°	10	205	85
3000 / 4000	550	2425 / 2725	15°	22		
3000 / 4000	250	1240 / 1300	35°	10		
3000 / 4000	550	2425 / 2725	35°	22		



ALCUNE SOLUZIONI PERSONALIZZATE
SOME CUSTOMISED SOLUTIONS



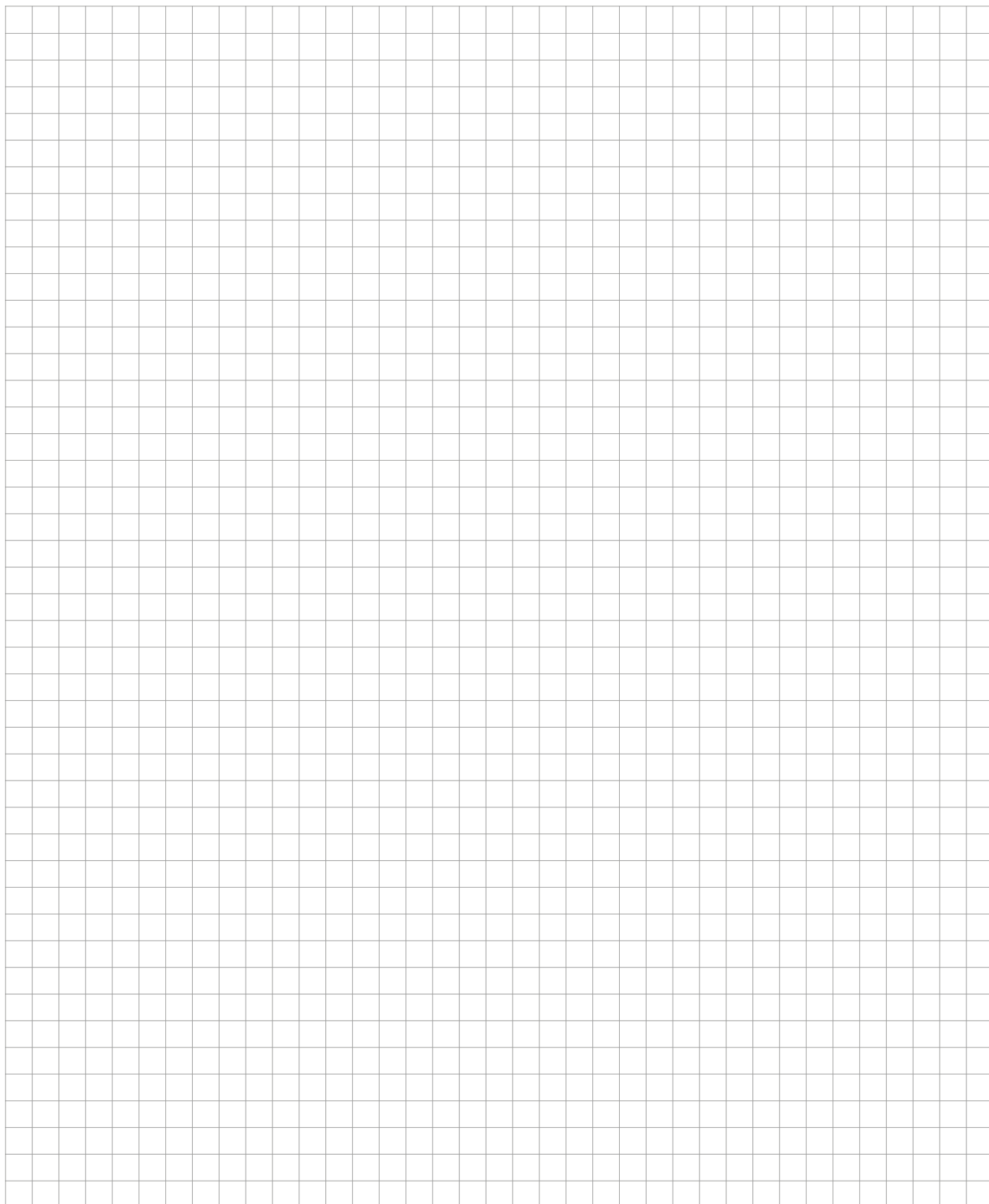
Metalmek

ECO-PHONIC

GIOTTO CUSTOM



PERSONALIZZA IL TUO DESIGN
CUSTOMISE YOUR DESIGN





ICHOS 9782



INSTALLAZIONE

Sospensione

COLORI FINITURE

Bianco, Nero, Grigio

RIVESTIMENTO TESSUTO

Feltro di lana: 1 colore

Disco Ø: min 450 mm, max 1200 mm

EMISSIONE LUMINOSA

Diretta - Simmetrica

DISPOSITIVO OTTICO

Riflettore in alluminio anodizzato

MOUNTINGS

Suspended fitting

FINISHING COLOURS

White, black, Grey

FABRIC LINING

Wool felt: 1 color

Disc Ø: min. 450 mm, max. 1200 mm

LIGHT EMISSION

Direct - Symmetric

OPTICAL DEVICE

Specular anodised aluminum



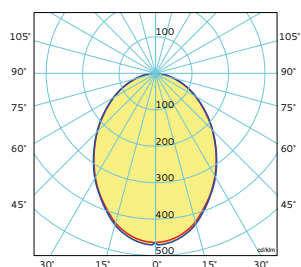
K	mA	lm IN	W	Ø	H
3000 / 4000	700	1181 / 1268	22	330	88

ECO-PHONIC



VECTOR ROUND 9837 OP

4000K | 6201 lm | 33 W



INSTALLAZIONE

Sospensione

COLORI FINITURE

Bianco, Nero

Colori - SU RICHIESTA

RIVESTIMENTO TESSUTO

Feltro di lana: 1 colore

EMISSIONE LUMINOSA

Diretta - Simmetrica

DISPOSITIVO OTTICO

Diffusore in metacrilato opale

MOUNTINGS

Suspended fitting

FINISHING COLOURS

White, black

Colors - ON REQUEST

FABRIC LINING

Wool felt: 1 color

LIGHT EMISSION

Direct - Symmetric

OPTICAL DEVICE

Diffuser in opal methacrylate

CRI
≥80

MAC
ADAM
3 SDCM

50k
L80B20

GR-0

F

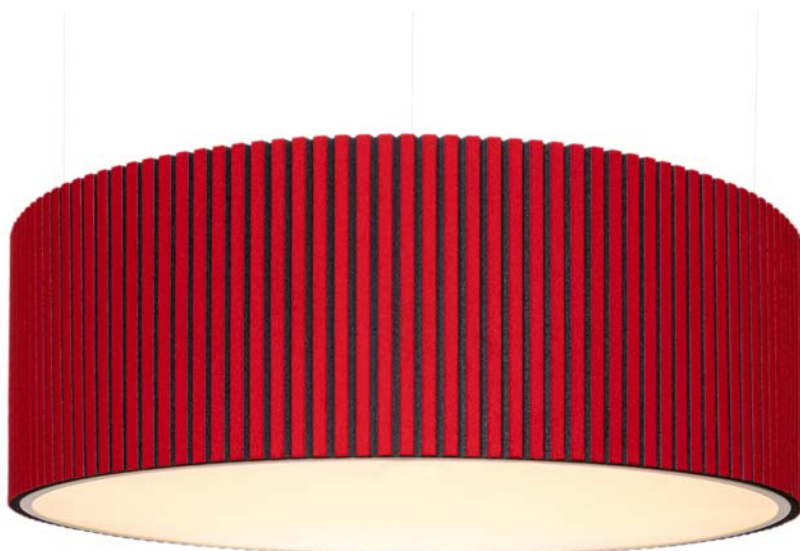
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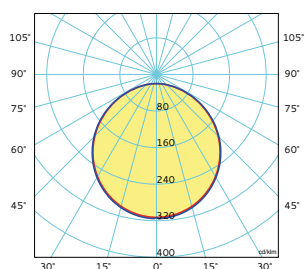
K	mA	lm IN	W	Ø	H	D'
3000 / 4000		3597 / 3795	21	600		
3000 / 4000	350	5895 / 6201	33	900	65	72
3000 / 4000		7860 / 8268	44	1200		



CIRCLE 9751 OP



4000K | 13784 lm | 75 W



INSTALLAZIONE

Sospensione

COLORI FINITURE

Bianco, Nero

Colori - SU RICHIESTA

RIVESTIMENTO TESSUTO

Feltro di lana: 2 colori

EMISSIONE LUMINOSA

Diretta - Simmetrica

DISPOSITIVO OTTICO

Diffusore in metacrilato opale

MOUNTINGS

Suspended fitting

FINISHING COLOURS

White, black

Colors - ON REQUEST

FABRIC LINING

Wool felt: 2 colours

LIGHT EMISSION

Direct - Symmetric

OPTICAL DEVICE

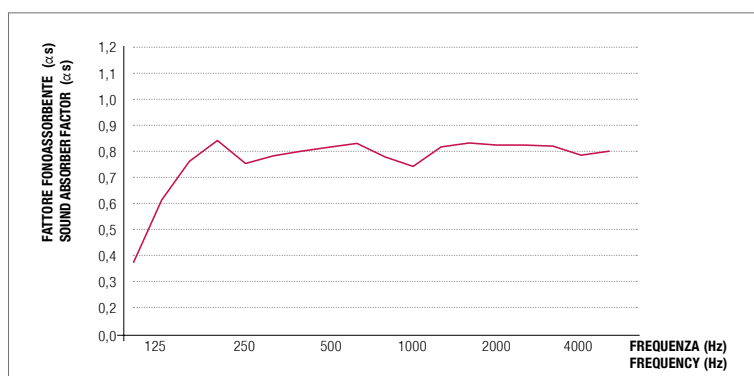
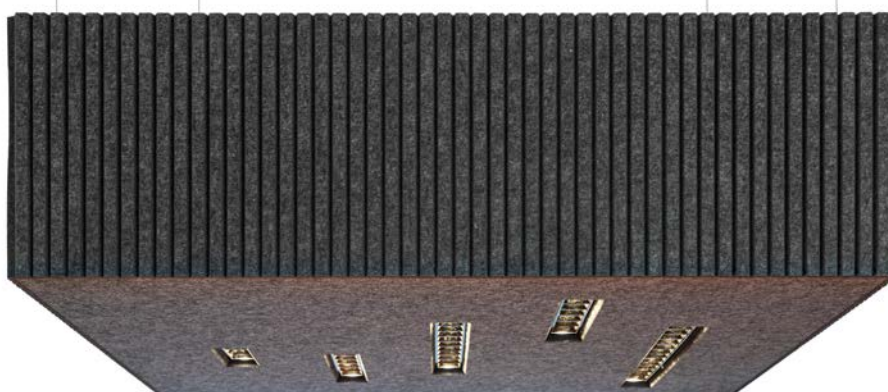
Diffuser in opal methacrylate



K	mA	lm IN	W	Ø	H
3000 / 4000		5892 / 6202	34	600	
3000 / 4000	350	13090 / 13784	75	900	300
3000 / 4000		24218 / 25496	139	1200	

ECO-PHONIC

SPEC 1000xLENS



Valutazione secondo ISO 11654:

Coefficiente di assorbimento acustico ponderato $\alpha_w = 0,75$ Classe fonoassorbente: C

Valutazione secondo ASTM C423:

Coefficiente di riduzione del rumore NRC = 0,70
Assorbimento acustico medio SAA = 0,70

Evaluation according to ISO 11654:

Weighted sound absorption coefficient $\alpha_w = 0,75$ Sound absorber class: C

Evaluation according to ASTM C423:

Noise Reduction Coefficient NRC = 0,70
Sound Absorption Average SAA = 0,70

INSTALLAZIONE

Sospensione

COLORI FINITURE

Nero

RIVESTIMENTO TESSUTO

Feltro di lana: 1 colore

EMISSIONE LUMINOSA

Diretta - Simmetrica

DISPOSITIVO OTTICO

Ottica Darklight, a celle quadrate in policarbonato nero
Lente in PMMA trasparente:
Narrow 50°, Wide 80°

MOUNTINGS

Suspended fitting

FINISHING COLOURS

Black

FABRIC LINING

Wool felt: 1 color

LIGHT EMISSION

Direct - Symmetric

OPTICAL DEVICE

Darklight lenticular optics, glossy black polycarbonate cells
Transparent PMMA lens:
Narrow 50°, Wide 80°



K	mA	lm IN	W	DxL	H
3000	500	9092	61	1200x1200	300
4000		9520	61	1200x1200	

**GAMMA DI COLORI DISPONIBILE
PER I PRODOTTI ECO-PHONIC**

Pannelli acustici compressi 100% poliestere e
contengono fino al 50% di fibre riciclate.

**RANGE OF COLORS AVAILABLE FOR THE
ECO-PHONIC PRODUCTS**

*Acoustic panels made from 100% polyester and
containing up to 50% recycled fibers.*



4002 VOLCANO



4001 PEBBLE



4019 COOL GREY



4018 SANDSTONE



4021 DUNE



4006 CLOUD



4005 OCEAN



4014 LAGOON



4020 PLUM



4015 MAGMA



4004 SEAGRASS



4012 JUNGLE



4013 SULFUR



4003 CORAL

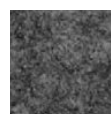
ECO-PHONIC

COLORI / COLORS



CIRCLE 9751 OP

ECO-PHONIC 2 COLORS



4002 VOLCANO



30161 FIRE

COLORE BASE / BASE COLOR



4002 VOLCANO



4001 PEBBLE



DISPONIBILI NEL COLORE BASE
DA ABBINARE AL SECONDO COLORE
A SCELTA NELLA PAGINA ACCANTO

*BASE COLOR TO BE COMBINED WITH
THE SECOND COLOR OF YOUR CHOICE
ON THE OPPOSITE PAGE*

SECONDO COLORE

Feltro di lana realizzato al 100% con pura lana vergine senza mulesing, fino al 50% di materiale riciclato ed è completamente riciclabile come componente separato.

SECOND COLOR

Wool felt is made from 100% pure virgin wool without mulesing up to 50% recycled material and is fully recyclable as a separate component.



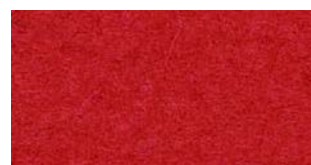
23 CURRY



96 MUSTARD



66 IRON



30161 FIRE



19 PASTEL BLUE



12 INDIGO



33 SKY BLUE



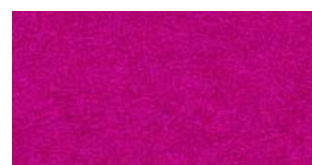
26978 PETROL BLUE



30 MAY GREEN



24 OLIVE



32 PINK



68 PLUM

ECO-PHONIC

Con i nostri prodotti è possibile migliorare significativamente il benessere nella stanza. Il feltro di lana di alta qualità che utilizziamo è altamente efficace dal punto di vista acustico soddisfacendo non solo requisiti estetici ma anche economici ed ecologici. Si possono studiare soluzioni flessibili e personalizzabili.

ECO-PHONIC

With our products you can significantly improve the well-being in the room. The high-quality wool felt we use is highly acoustically effective, satisfying not only aesthetic but also economic and ecological requirements. Flexible and customizable solutions can be studied.

MetalmeK

METALMEK ILLUMINAZIONE S.R.L.

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