

Product: KITE
SUSPENDED ACOUSTIC PANEL WITH LED LIGHT

Kite is a hanged sound-absorbing panels system. It's used in different contexts, from open space office to meeting rooms, to all those public spaces where sound performance prevents proper use of the environment. Furthermore, the possibility of a LED bar turns *Kite* into a lighting element that enhances function and use.

STRUCTURE

Panels are composed of a supporting frame in Aluminium and a core of polyester. The panel, thanks to this particular morphology, becomes an excellent acoustic trap characterized by a high sound absorption.

ACOUSTIC PERFORMANCE

The acoustic performed in the laboratory on the hanging lamp Kite, according to EN ISO 354 shows that between 250 and 2000 Hz, typical frequency range of human speech, the performance of absorption is at the highest level: the acoustic performance does not vary over time as it does not degenerate or charge due to the humidity of the environment. The material also is self-extinguishing in class 1.

The performance of Kite panels, in accordance with the regulation UNI EN ISO 354 has an average value of absorption of 0,9 for the frequency between 1.000 and 2.000 Hz.

CEILING FIXING

A system of s/steel cables ensures installation on the ceiling.

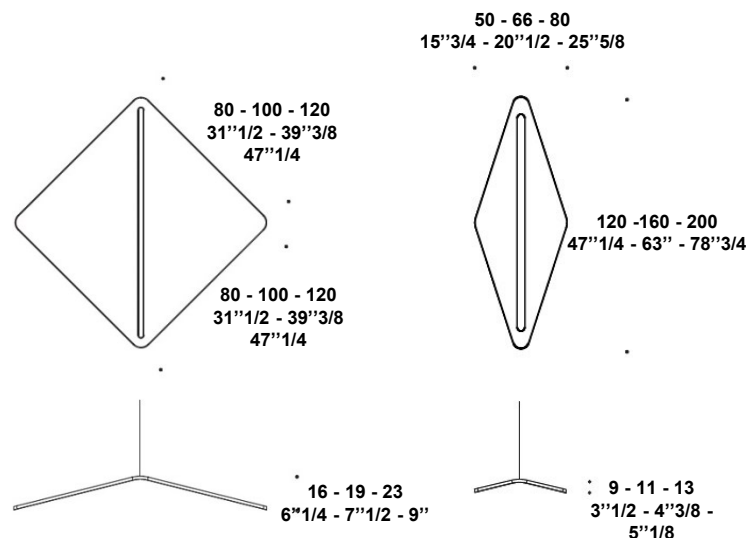
LIGHTING

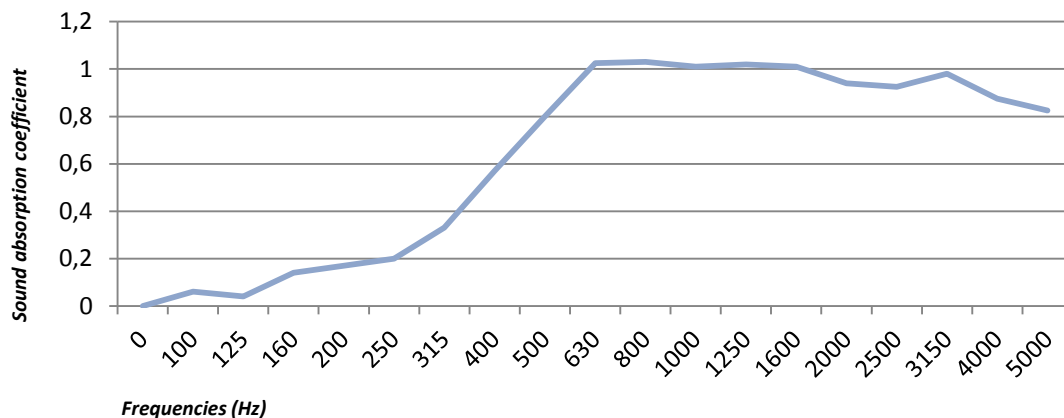
The insertion of a luminaire LED in the central part of the panel adds lighting functions to the panel. Strip LED 24V DC, color temperature 3000° K. Power source 100V-277AC, 50/60Hz

FINISHES

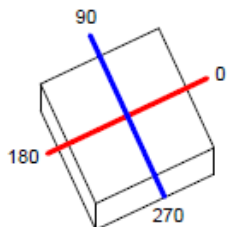
The product is upholstered with SPRINT stretch fabric. COMPOSITION: 100% Polyester; 328 g/sqm; resistance to abrasion > 100.000 Martindale cycles; fire resistance BS EN 1021 – 1:2006, BS EN 1021 – 2:2006, BS 7176:2007.

PLEASE NOTE: lamps are NOT supplied with dimming system. Kite is an additional lighting device, that must be integrated with general lighting of the room to comply with rules and requirements of workplace illumination.



Product: ACOUSTIC, LUMINOUS, HANGED KITE**REVERBERATION CHAMBER TEST IN ACCORDANCE TO EN ISO 354****ELECTRIFICATION**

model	LED driver power absorption	supply	color	emission
KITE 80x80	18 W	24V DC	3000 K	100% DIRECT
KITE 100x100	23 W	24V DC	3000 K	100% DIRECT
KITE 120x120	28 W	24V DC	3000 K	100% DIRECT
KITE 120x50	20 W	24V DC	3000 K	100% DIRECT
KITE 160x66	28 W	24V DC	3000 K	100% DIRECT
KITE 200x80	35 W	24V DC	3000 K	100% DIRECT

Product: ACOUSTIC, LUMINOUS, HANGED KITEPHOTOMETRIC CURVES GRAPH (KITE 80X80 CM)**820mm x 820mm**

Half-planes C

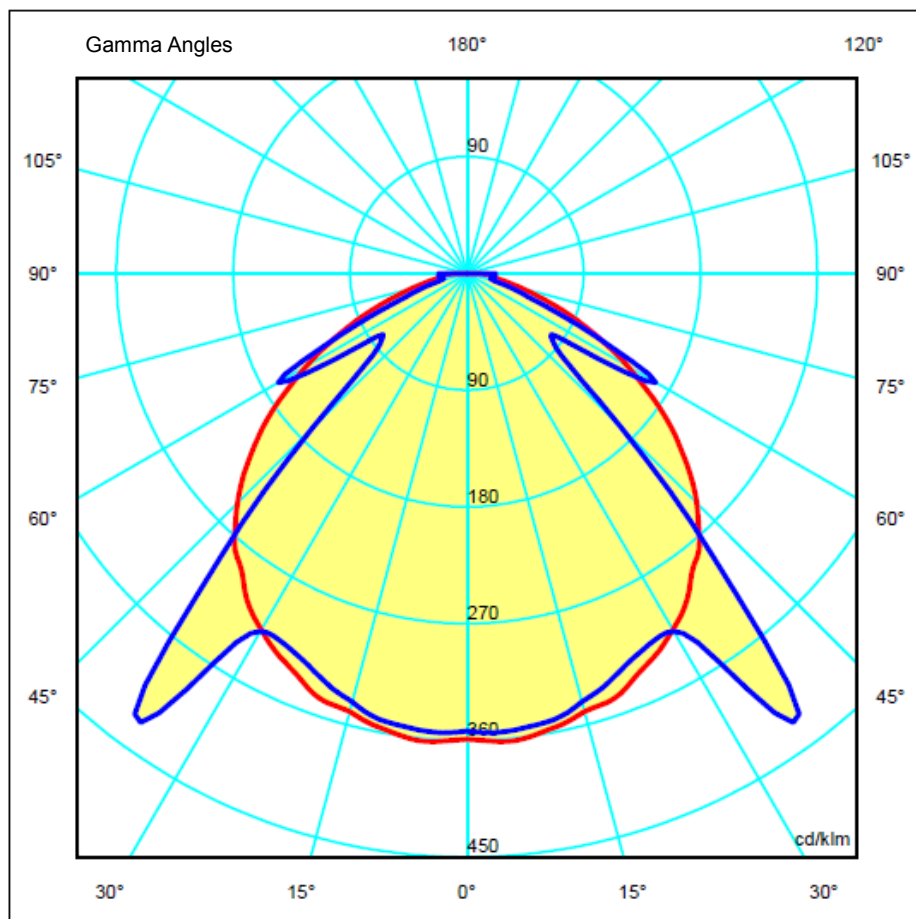
180.0 — 0.0

270.0 — 90.0

ULOR 0.00 %

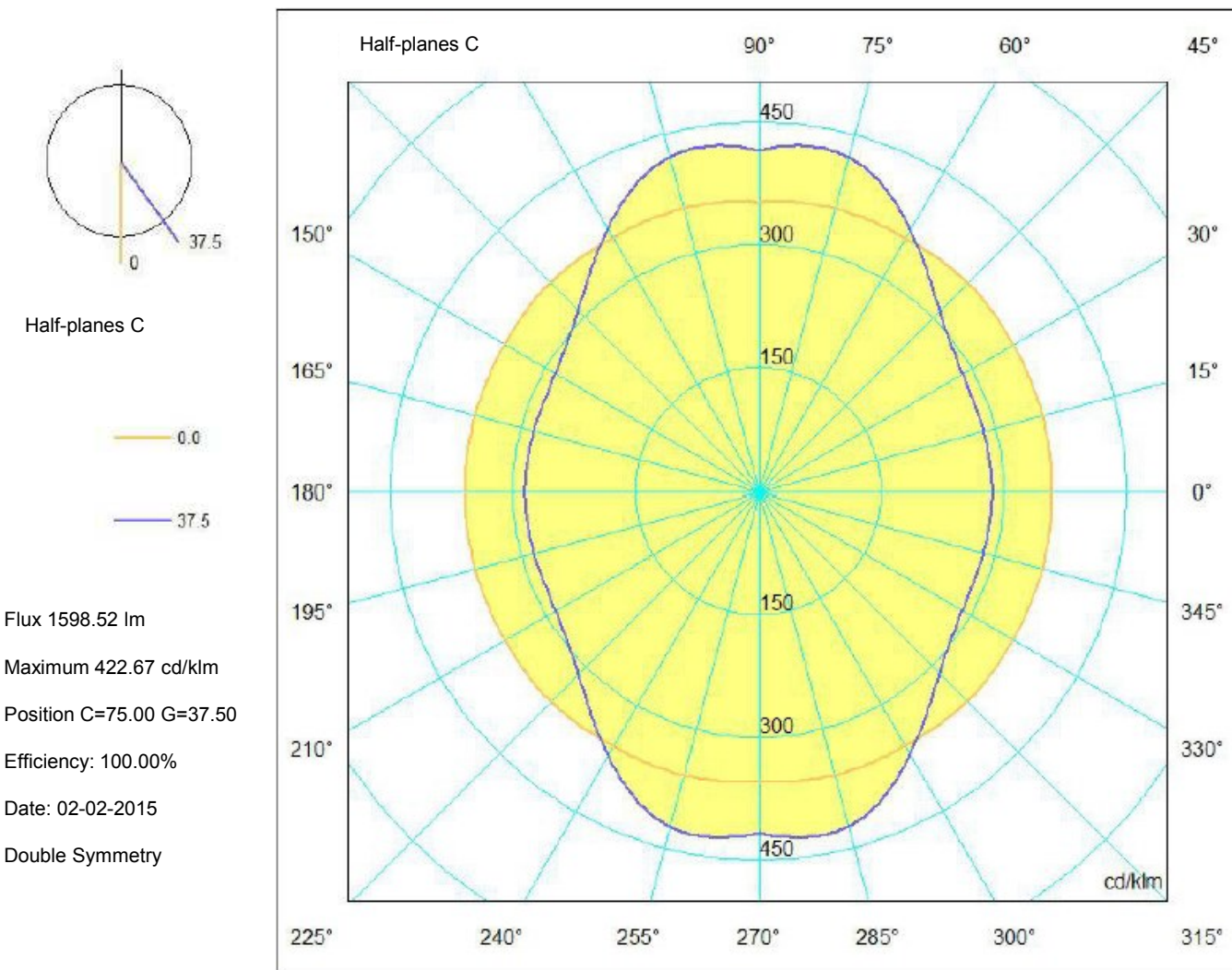
DLOR 100.00 %

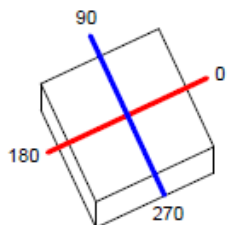
RN 0.00 %



Product: ACOUSTIC, LUMINOUS, HANGED KITE

PHOTOMETRIC CURVES GRAPH (KITE 80X80 CM)



Product: ACOUSTIC, LUMINOUS, HANGED KITEPHOTOMETRIC CURVES GRAPH (KITE 100X100 CM)**1050mm x 1050mm**

Half-planes C

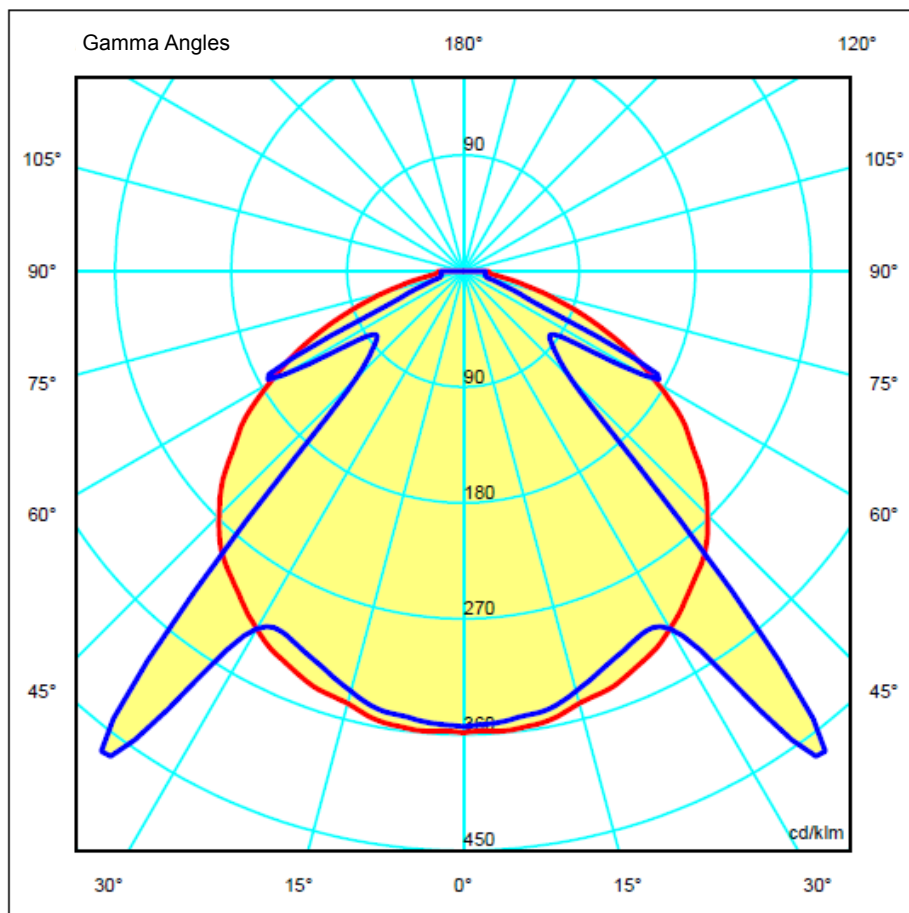
180.0 — 0.0

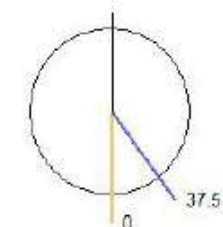
270.0 — 90.0

ULOR 0.00 %

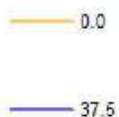
DLOR 100.00 %

RN 0.00 %



Product: ACOUSTIC, LUMINOUS, HANGED KITEPHOTOMETRIC CURVES GRAPH (KITE 100X100 CM)

Half-planes C



Flux 2030.71 lm

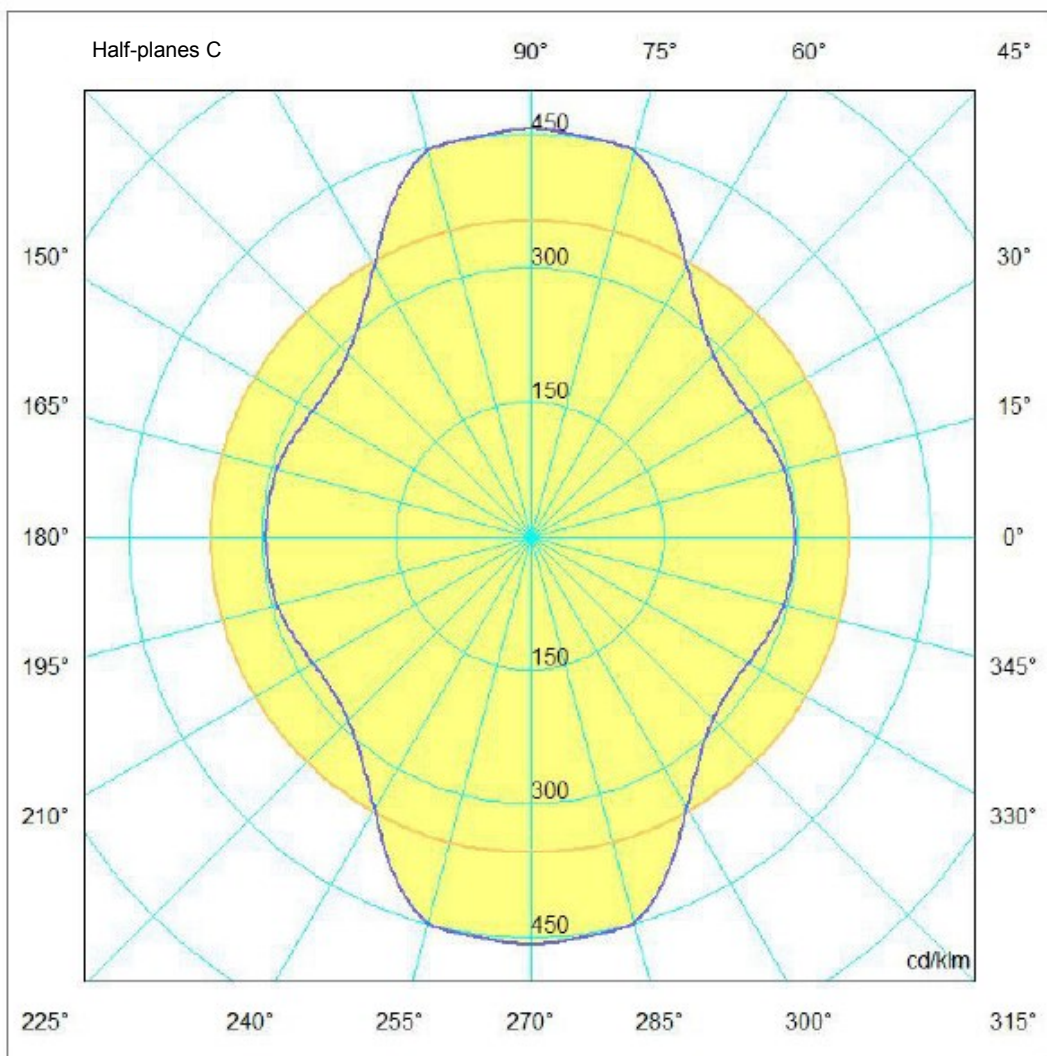
Maximum 457.48 cd/klm

Position C=90.00 G=37.50

Efficiency: 100.00%

Date: 02-02-2015

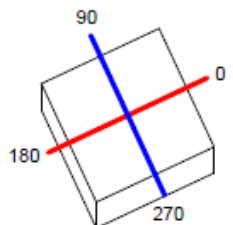
Double Symmetry



Product: ACOUSTIC, LUMINOUS, HANGED KITE

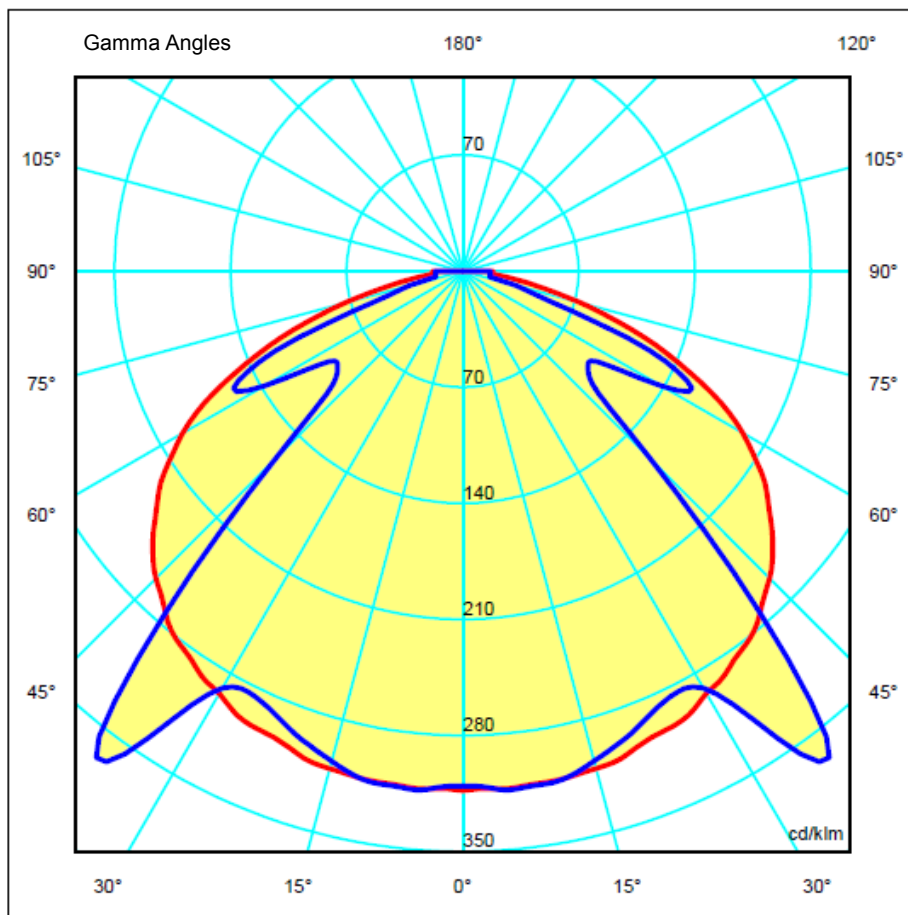
PHOTOMETRIC CURVES GRAPH (KITE 120X120 CM)

1250mm x 1250mm



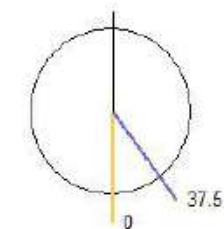
Half-planes
 180.0 C 0.0
 270.0 — 90.0

ULOR 0.00 %
 DLOR 100.00 %
 RN 0.00 %



Product: ACOUSTIC, LUMINOUS, HANGED KITE

PHOTOMETRIC CURVES GRAPH (KITE 120X120 CM)



Half-planes C

0.0

37.5

Flux 2713.26 lm

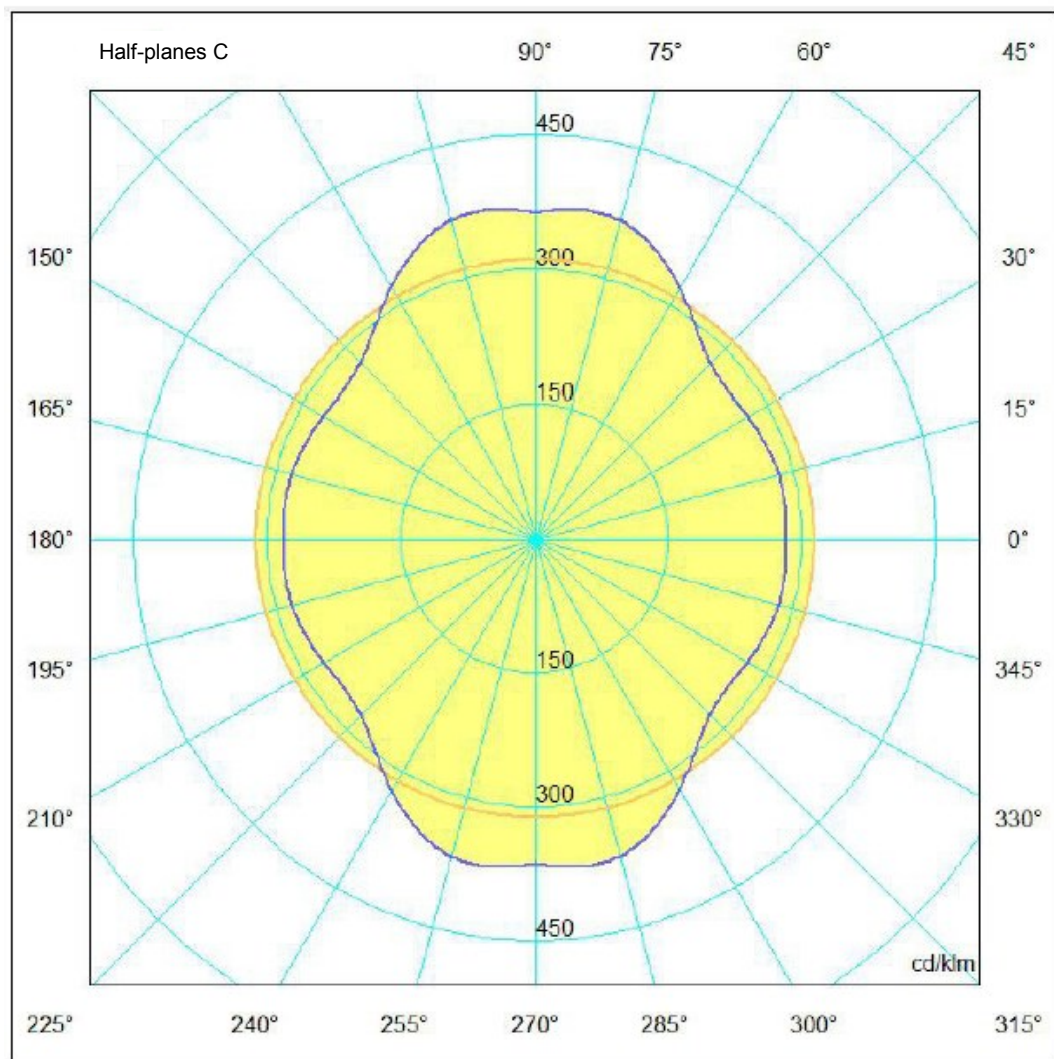
Maximum 367.12 cd/klm

Position C=75.00 G=37.50

Efficiency: 100.00%

Date: 02-02-2015

Double Symmetry



Product: KITE WALL

Kite is a hanged sound-absorbing panels system. It's used in different contexts, open space, meeting rooms, to all those public spaces where sound performance prevents proper use of the environment.

STRUCTURE

Fixed to wall panel are composed of a supporting frame in thermoplastic polymer and a core of semirigid expanded Polyethylene. These panels are then upholstered with a fabric covering.

The panel thanks to this particular morphology becomes an excellent acoustic trap characterized by a high sound absorption.

ACOUSTIC PERFORMANCE

The acoustic tests performed in the laboratory on the hanging lamp *Kite*, according to EN ISO 354 show that between 250 and 2000 Hz, typical frequency range of human speech, the performance of absorption is at the highest level: the acoustic performance does not vary over time as it does not degenerate or change due to the humidity of the environment.

The material also is self-extinguishing in class 1.

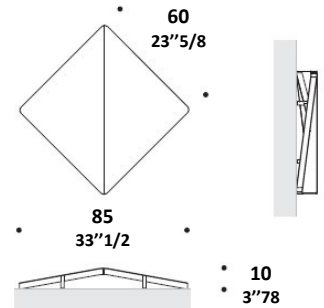
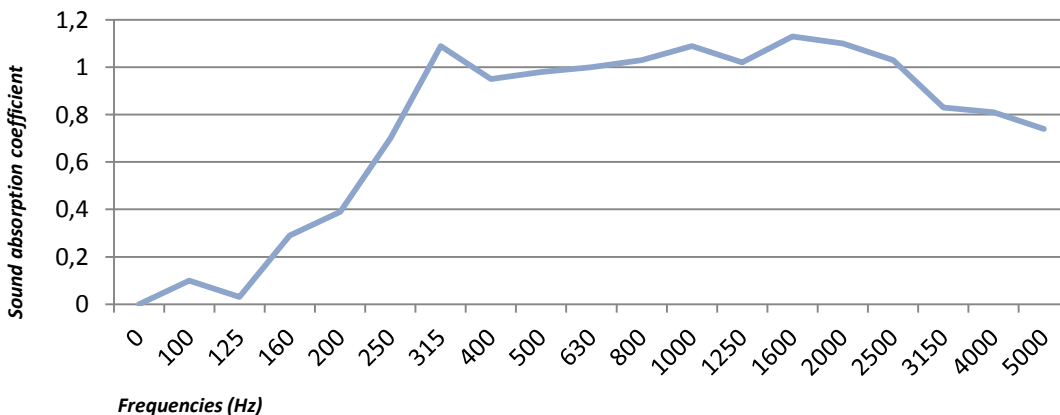
The performance of *Kite* panels, in accordance with the regulation UNI EN ISO 354 has an average value of absorption α of 0,9 for the frequency between 1.000 and 2.000 Hz.

WALL FIXING

A metal support ensures wall fixing.

FINISHES

The product is upholstered with stretch SPRINT fabric.
COMPOSITION: 100% Polyester; 328 g/sqm;
resistance to abrasion > 100.000 Martindale cycles;
fire resistance BS EN 1021 – 1:2006, BS EN 1021 – 2:2006, BS 7176:2007.

**REVERBERATION CHAMBER TEST IN ACCORDANCE TO EN ISO 354 th. 40**

Product: KITE NAKED

The lamp is composed of a supporting frame in Aluminium and of a LED in the central part.

STRUCTURE

The frame is in varnished or polished Aluminium.

CEILING FIXING

A system of Steel cables ensures the suspension to the the ceiling.

LIGHTING

Strip LED 24V DC, color temperature 3000° K.
Power source 100V-277VAC, 50/60Hz

ELECTRIFICATION

The insertion of a lighting LED element in the central part add to the panel the function as a lamp.

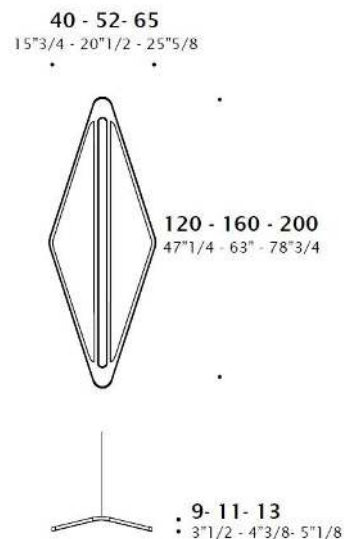
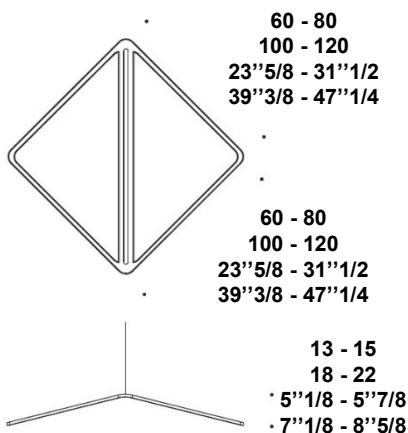
PLEASE NOTE: lamps are NOT supplied with dimming system.

FINISHES

Frame:

Varnished Aluminium: White – Black.

Polished Aluminium.



model	LED driver power absorption	supply	color	emission
KITE NAKED 60x60	29 W	24V DC	3000 K	25% INDIRECT - 75% DIRECT
KITE NAKED 80x80	42 W	24V DC	3000 K	25% INDIRECT - 75% DIRECT
KITE NAKED 100x100	55 W	24V DC	3000 K	25% INDIRECT - 75% DIRECT
KITE NAKED 120x120	68 W	24V DC	3000 K	25% INDIRECT - 75% DIRECT
KITE NAKED 120x40	48 W	24V DC	3000 K	25% INDIRECT - 75% DIRECT
KITE NAKED 160x52	68 W	24V DC	3000 K	25% INDIRECT - 75% DIRECT
KITE NAKED 200x65	84 W	24V DC	3000 K	25% INDIRECT - 75% DIRECT