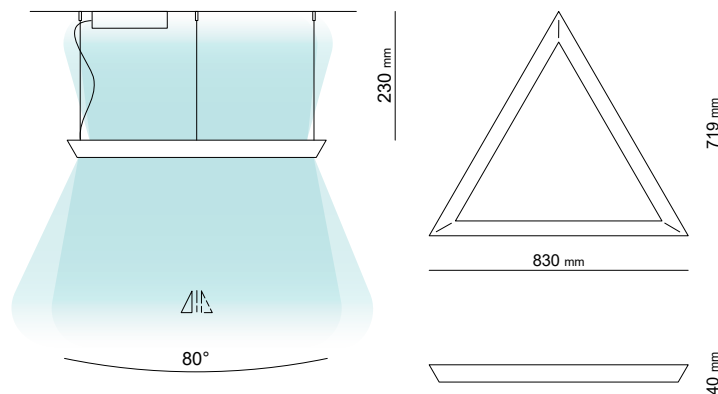


TRIANGLE

design by Moreno De Giorgio

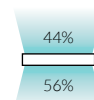
LightSound is a system that has been created to meet the acoustic and visual comfort needs, and to create a wellness space in the professional world. The human factor and technology are the basic components for the creation of contemporary work spaces. This product intervenes to create the right lighting and acoustics by reducing noise and, at the same time, perfectly illuminating the area. The office wellness becomes one of the most important elements of the design. The world of work merges with hospitality, perception and comfort.



down light



down & up light



Technical data

Type	Suspended	Suspended
Body material	Aluminium	Aluminium
Body surface treatment	Anodized Epoxy paint*	Anodized Epoxy paint*
Body finish	Natural White RAL 9006*	Natural White RAL 9006*
Shade material	n.d.	n.d.
Shade surface treatment	n.d.	n.d.
Shade finish	n.d.	n.d.
Diffuser material	PMMA	PMMA
Diffuser surface treatment	High efficiency micro-prismatic	High efficiency micro-prismatic
Diffuser finish	Satin	Satin
Ceiling rose	Yes*	Yes*
Ceiling rose material	Steel	Steel
Ceiling rose surface treatment	Epoxy paint	Epoxy paint
Ceiling rose finish	White RAL 9006	White RAL 9006
Environment	Indoor	Indoor
Adjustable	No	No
Sensor	No	No
Lifetime	≥50000 h L80 B10	≥50000 h L80 B10
Operating temperature	-20 +45°C	-20 +45°C
Storage temperature	0 +60°C	0 +60°C
Lamp weight	2,5 Kg	3,2 Kg
Packaging size	101x87x7	101x87x7 cm
Packaging weight	4,2 Kg	4,8 Kg



3000K



90



15



3



<19



120L/m

LightSound/
TRIANGLE

SPECIFICATION
SHEET

* optional extra

karboxx

karboxx.com

Illuminotechnical features		
Light emission	100% down	56% down - 44% up
Beam angle	80° symmetric	80° symmetric
Cct/tone (K)	3000 K 4000 K*	3000 K 4000 K*
Luminous flux	4200 lm	7500 lm
CRI	90	90
R9	14,8	14,8
SDCM	3 STEP McADAM	3 STEP McADAM
UGR	<19	<19
Light source	Strip LED 120 LED/m	Strip LED 120 LED/m
Photometric diagram	Image 1	Image 2
Photometric File	link	link

Electrical features		
Lamp real efficiency	84 lm/W	84 lm/W
Control	On-Off 0-10 1-10 Push Dimm DALI*	On-Off 0-10 1-10 Push Dimm DALI*
Input voltage	220-240V 90-264V*	100-240V
Input frequency Hz	50-60 Hz	50-60 Hz
Lamp wattage	51 W	90 W
Lamp voltage	24 V	24 V
Lamp ampere	2,13 A	3,75 A
Driver included	Si	Si
Driver Position	Remote Ceiling rose*	Remote Ceiling rose*
Standard cable lenght and finish	2,4 m Transparent	2,4 m Transparent
Plug	No	No
Surge protection	No	No
Lamp luminous efficiency	68%	63%

Standards		
Energy class	A	A
Applied on flammable surfaces	Yes	Yes
CE	Yes	Yes
Etl	No	No
Insulation class	2	2
IP rating	20	20
RoHS	n.d.	n.d.
Glow wire test	n.d.	n.d.

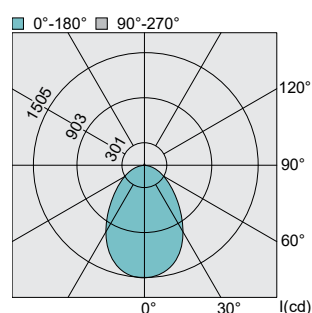


Fig. 1

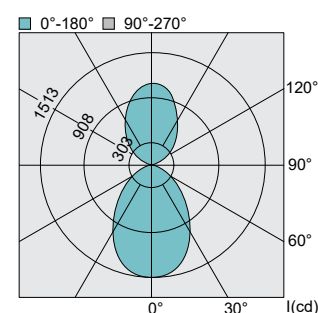


Fig. 2

LightSound/
TRIANGLE

SPECIFICATION
SHEET

* optional extra
We reserve the right to change details and specifications at any time due to our policy of continuous improvement.

karboxx

karboxx.com