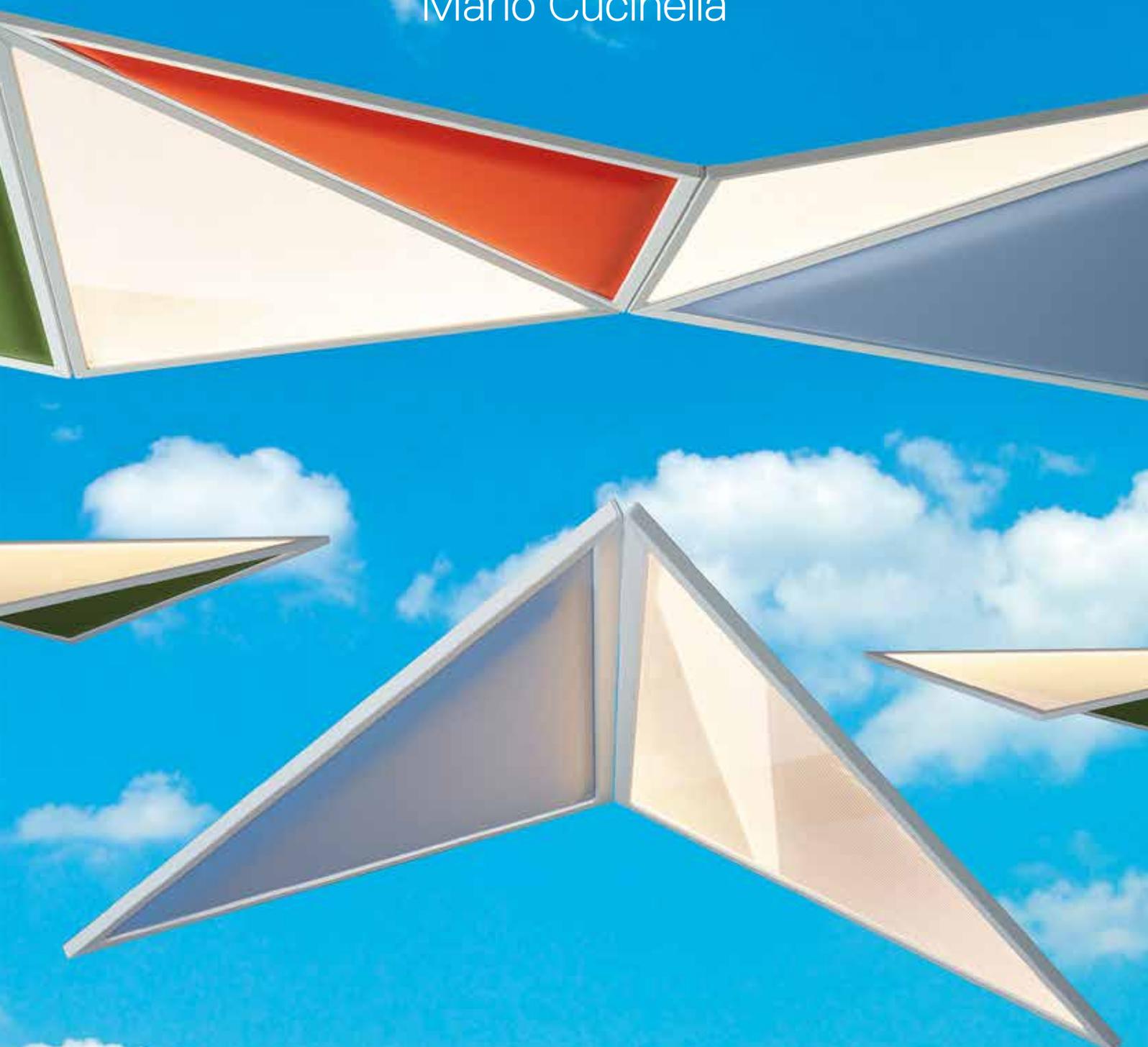


Flexia

by
Mario Cucinella



Artemide[®]

Flexia

Mario Cucinella 2020

Mario Cucinella is the founder of Mario Cucinella Architects. With over 20 years of professional practice, MC-A has developed a great experience in architectural design, with particular attention to the issues of sustainability and the environmental impact of buildings. Its production has generated numerous recognized projects from product design, to buildings, to urban masterplans.

In 2015 he established in Bologna S.O.S. - School of Sustainability, a post-master program aimed at training new professionals in the field of sustainable design.

The impact and importance of his work, both from an environmental and social point of view, as an architect and educator, has been recognized with the Honorary Fellowship of the American Institute of Architects (2017) and with the International Fellowship del Royal Institute of British Architects (2016).

→ PATENT OF INVENTION: OPTICS



**Artemide
App**



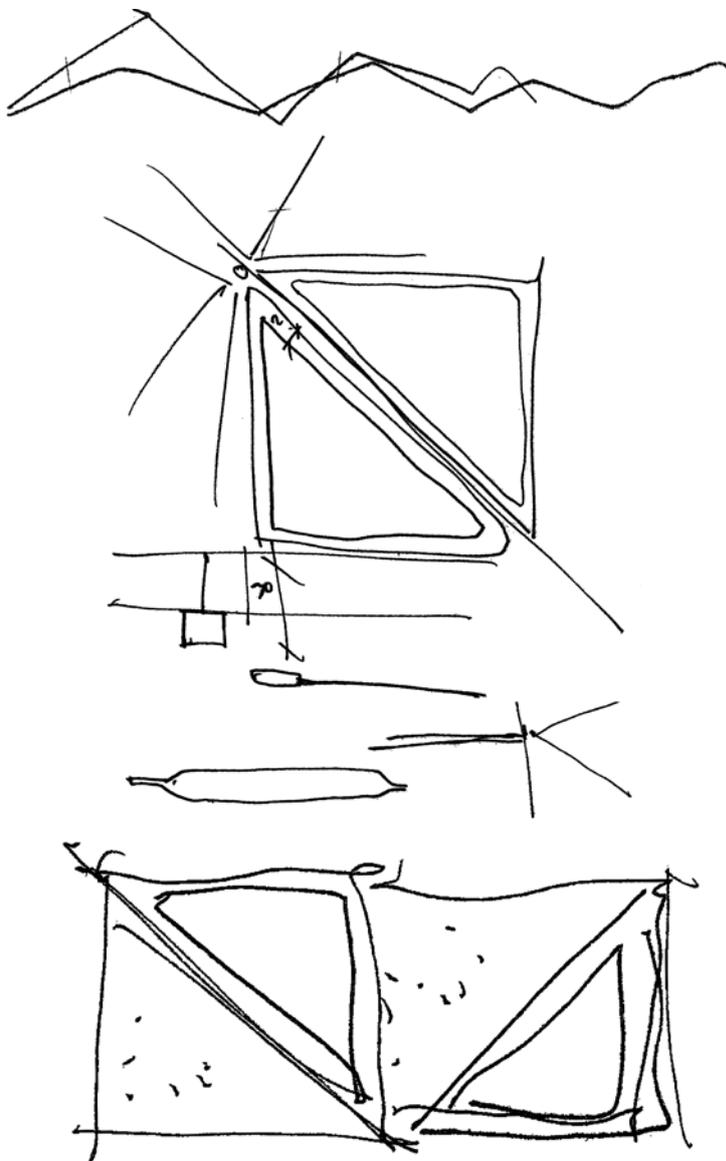
For further information on Flexia
↪ visit artemide.com





“Flexia is a play on perceptions between the visible, which is material and colour, and the invisible which becomes light.”

Mario Cucinella



Artemide and Mario Cucinella share a common vision aimed at improving the quality of everyday life while respecting people and the environment. Accordingly, attention to detail is coupled with simple principles, while respect for the well-being of those who actually use spaces becomes a key characteristic determined largely by the quality of light.

Flexia stems from the combination of the technical lighting know-how of Artemide and the experience in sustainable design of Mario Cucinella, whose work pursues a constant focus on sustainable projects, conceived according to a holistic approach and laid out on all design scales.



Mario Cucinella in his studio, ph. by Giovanni de Sandre | 2020



Controlled light performance

The Discovery patented technology applied in Flexia produces a diffused, uniform, comfortable emission that also respects UGR standards for use in workspaces in any installation position. It is a technical performance expressed through emotional perception and the magical quality of transparency. Artemide's ability looks beyond traditional concepts and interprets technology in a way that is beneficial to our well-being.



High-end and innovative technology

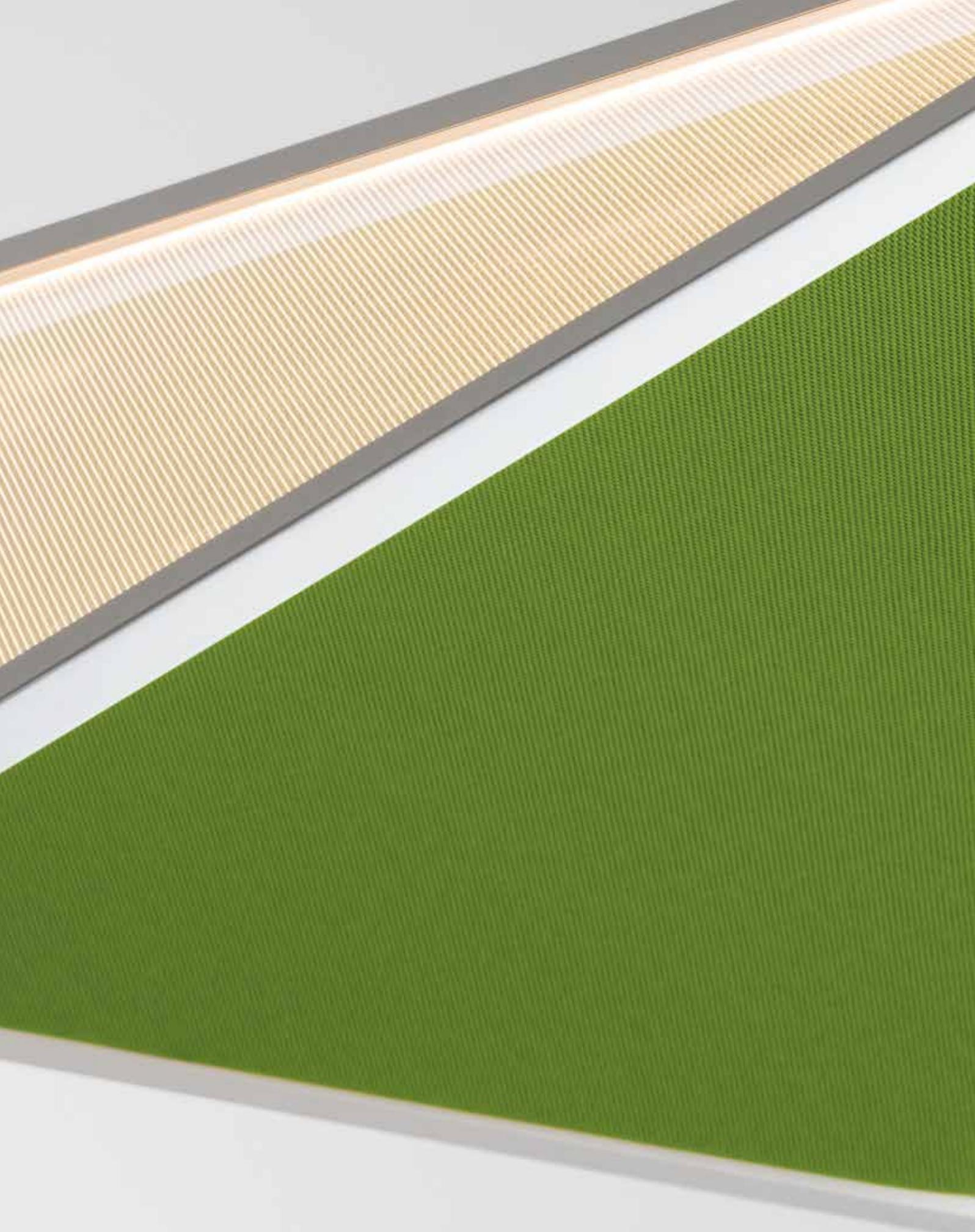
Perfectly transparent extracting light surface

UGR < 19

Optimal glare control in any different position

Maximum efficiency and uniformity

Uniform and diffuse light suitable for workplaces

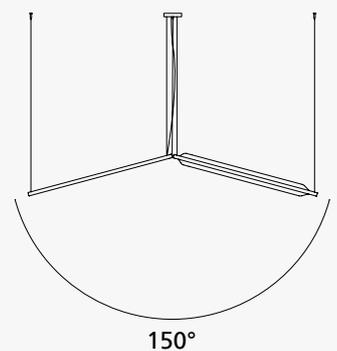
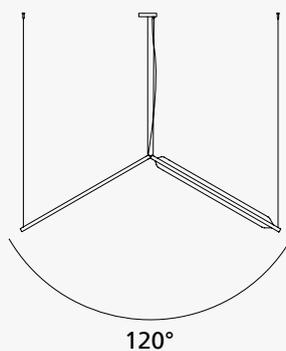
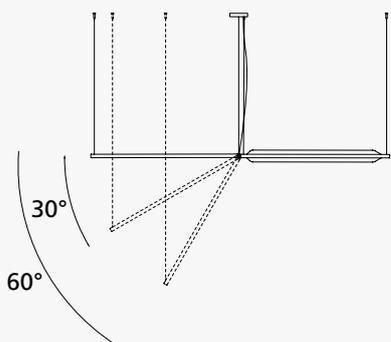
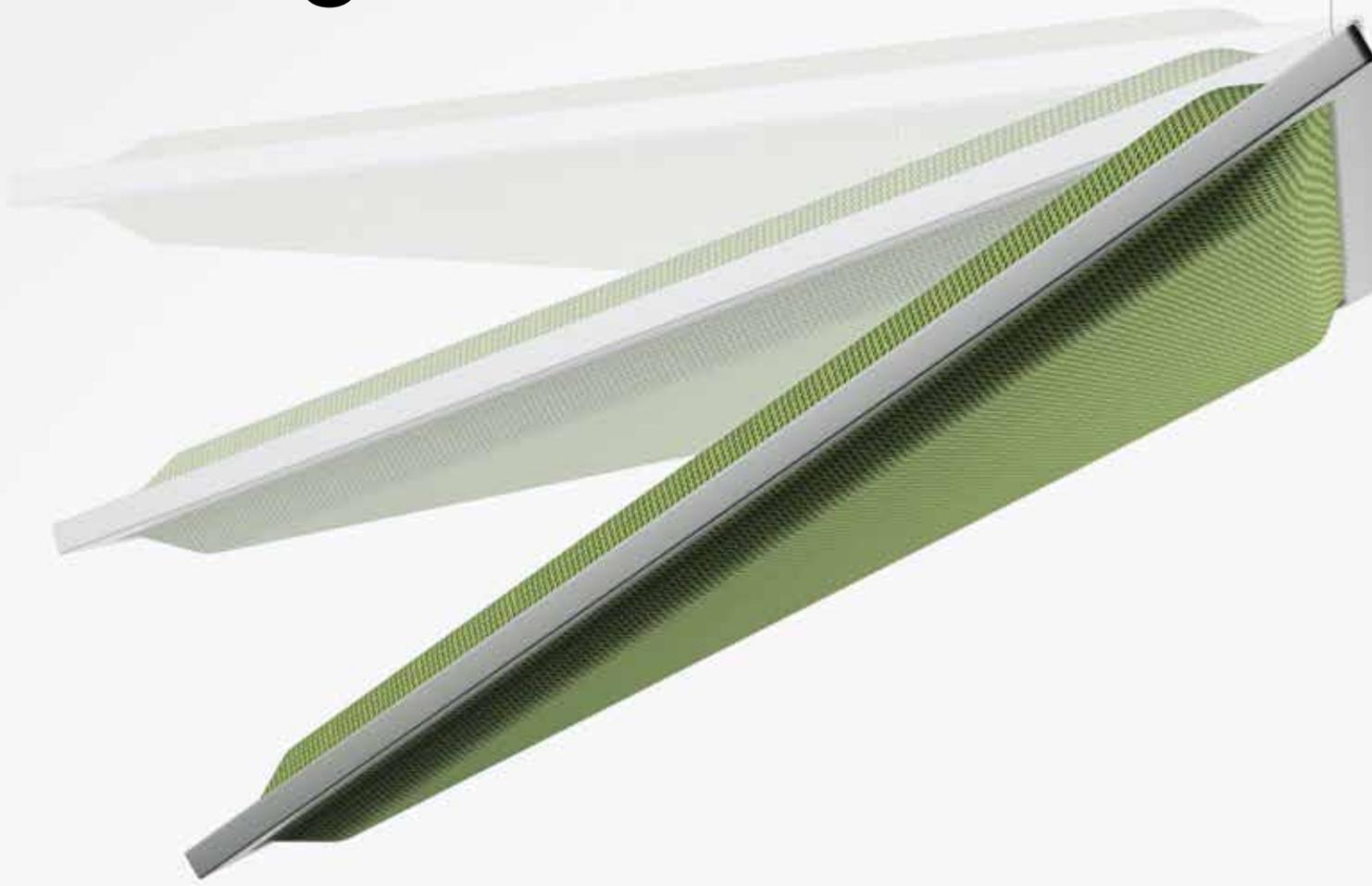


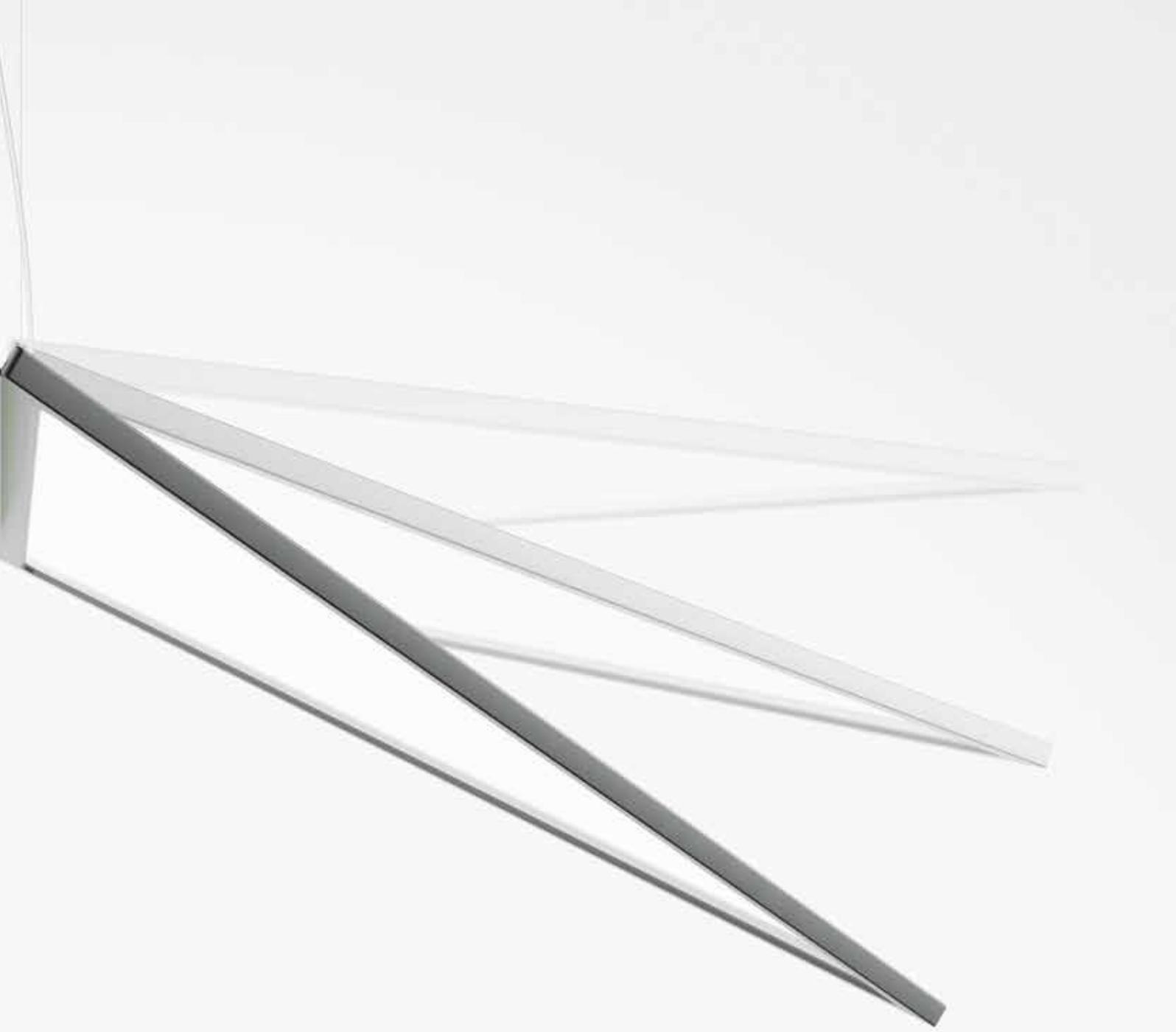


Acoustic Quality

The acoustic panel section controls reverberation, absorbing the sound waves reflected in the environment. Shape, materials and density are selected to work mainly on the frequencies of human speech. The result is beauty that derives from a parametric and functional intelligence.

Flexible wings



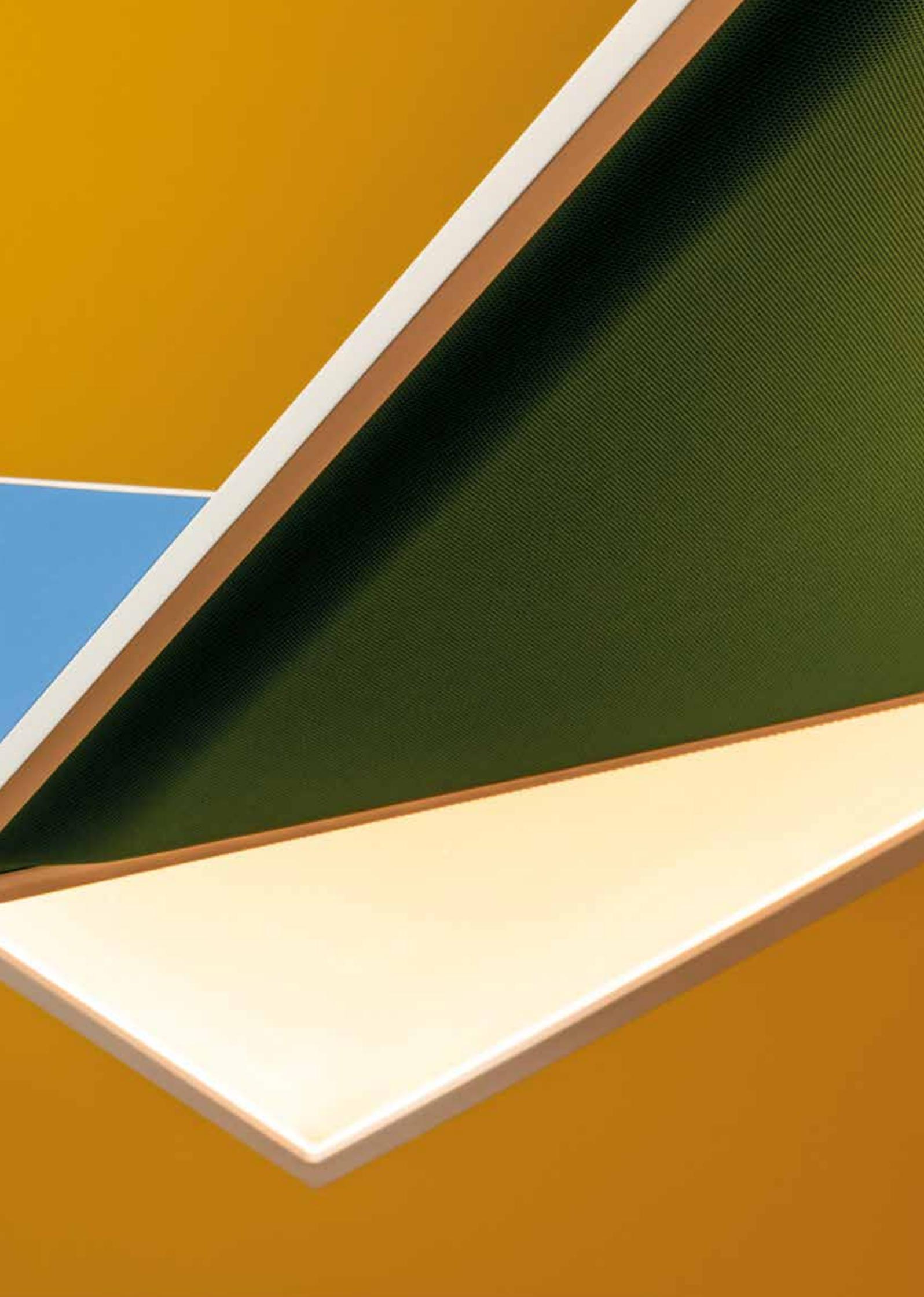


Flexia's flexible wings are equipped with a rotation mechanism that goes from 0 to 30° and 60°. The many possible inclinations and positions can help in calibrating light and acoustic interaction with the environment.



Sustainable Innovation

Flexia has a reduced energy footprint, high efficiency and flexible control for environmental friendly use. The possibility of controlling the emission with Artemide App encourages users to adopt an increasingly conscious use of light. Flexia shows how the sustainability of a building can also be achieved starting from the elements that animate the spaces.







Intelligent Flexibility

Flexia versatile design fits transversally into all contexts in which acoustic and visual well-being needs to be assured. The juxtaposition of multiple modules can create Flexia System configuration to shape environments based on the principles of perfectly balanced light and sound.



↪ FLEXIA

Green Blue Red



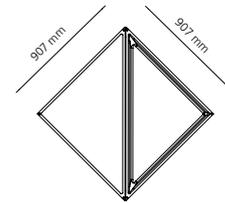
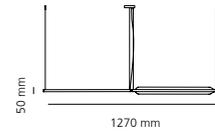
The APP driver can not be controlled by DALI dimming system and viceversa.

MacAdam 3SDCM
Life L70 50000h
CRI =90

IP20
⊕

FLEXIA SUSPENSION

W	CCT	Flux	Color	Code
65 W	3000K	6475 lm	●	CC10000
			●	CC10300
			●	CC10400

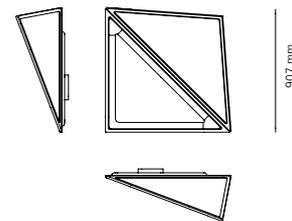


FLEXIA WALL

W	CCT	Flux	Color	Code
65 W	3000K	6475 lm	●	CC60000
			●	CC60300
			●	CC60400



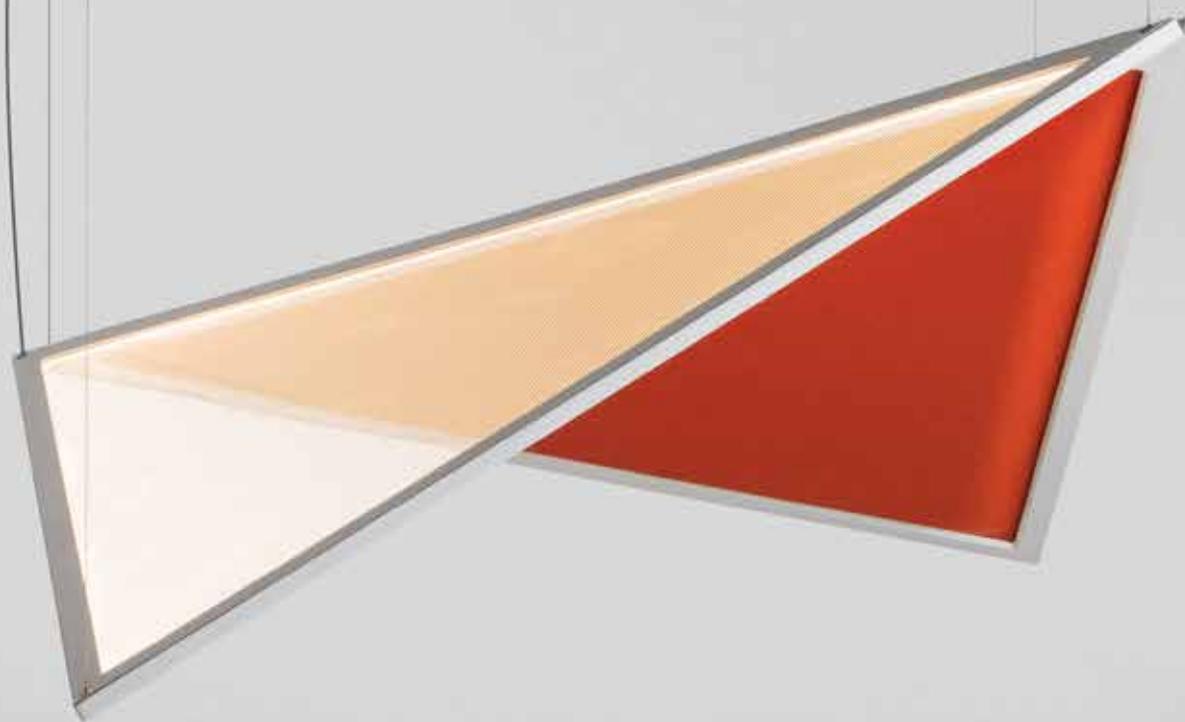
400 mm 907 mm



DRIVER

Power Units	Vac	L _{mm}	W _{mm}	H _{mm}	Dimming	Code
65W	220-240	400	110	50	DALI/1-10/Push	CC90000
65W	220-240	400	110	50	APP suspension	CC90000APP



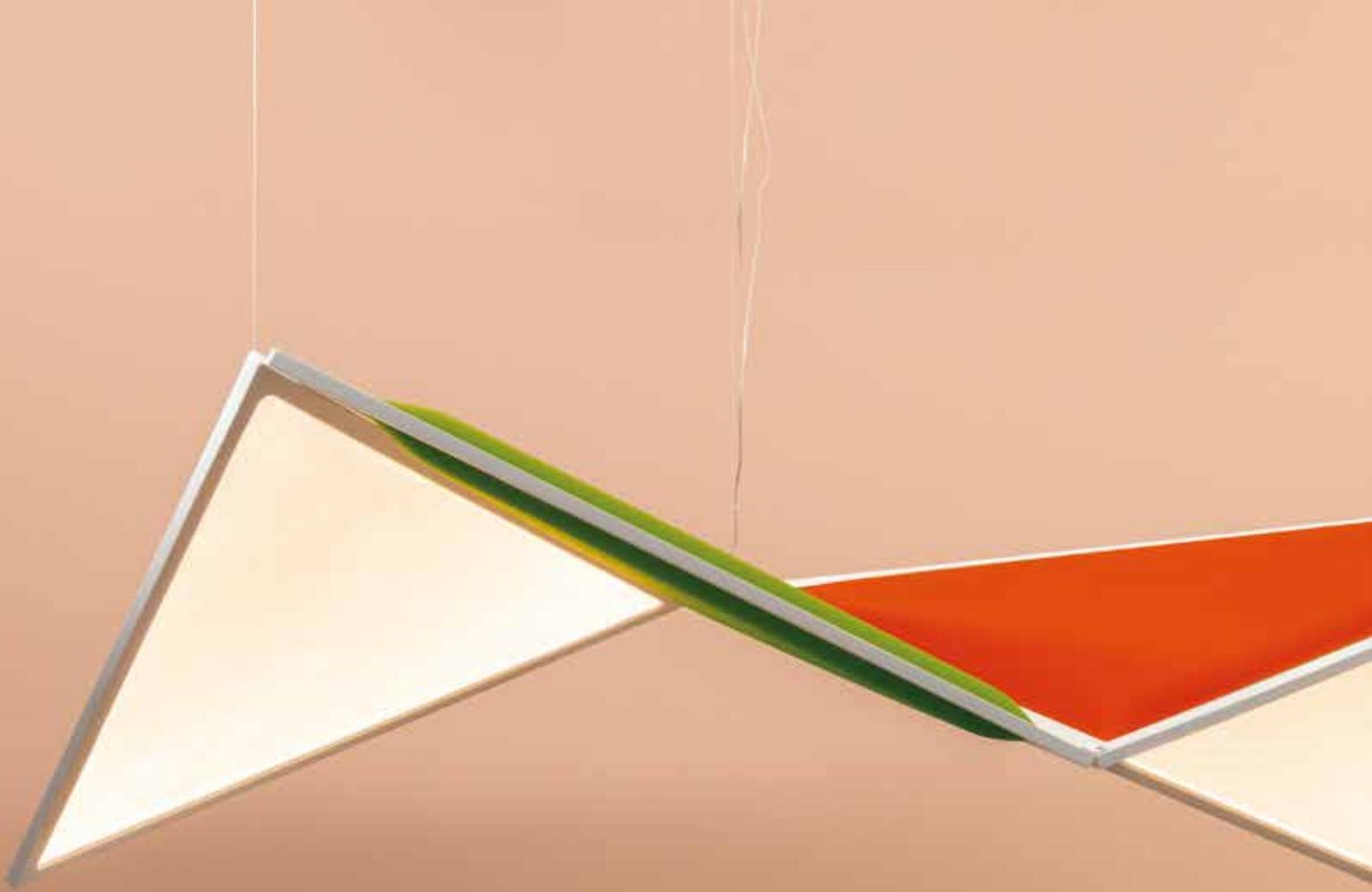


Flexia Suspension









System Configurations

For further information visit artemide.com



Spatial lighting

The juxtaposition of multiple modules can shape environments based on the principles of perfectly balanced light and sound. Flexia System is designed for creating modular compositions that respond to the needs and layouts of spaces using standard modules. Three types of system expansion have been designed, allowing very different compositions to be created. Snake and compact extend along a linear axis. The compact model develops more evenly. The snake is freer, as connecting only the angle of the hypotenuse of flexia allows modules to move. The wide mode creates large surfaces that expand in length and width. The fold of Flexia's wings introduces an additional variation in all compositional geometries.

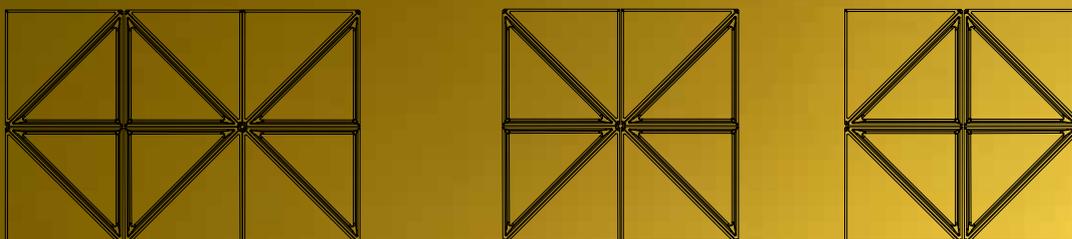
Snake

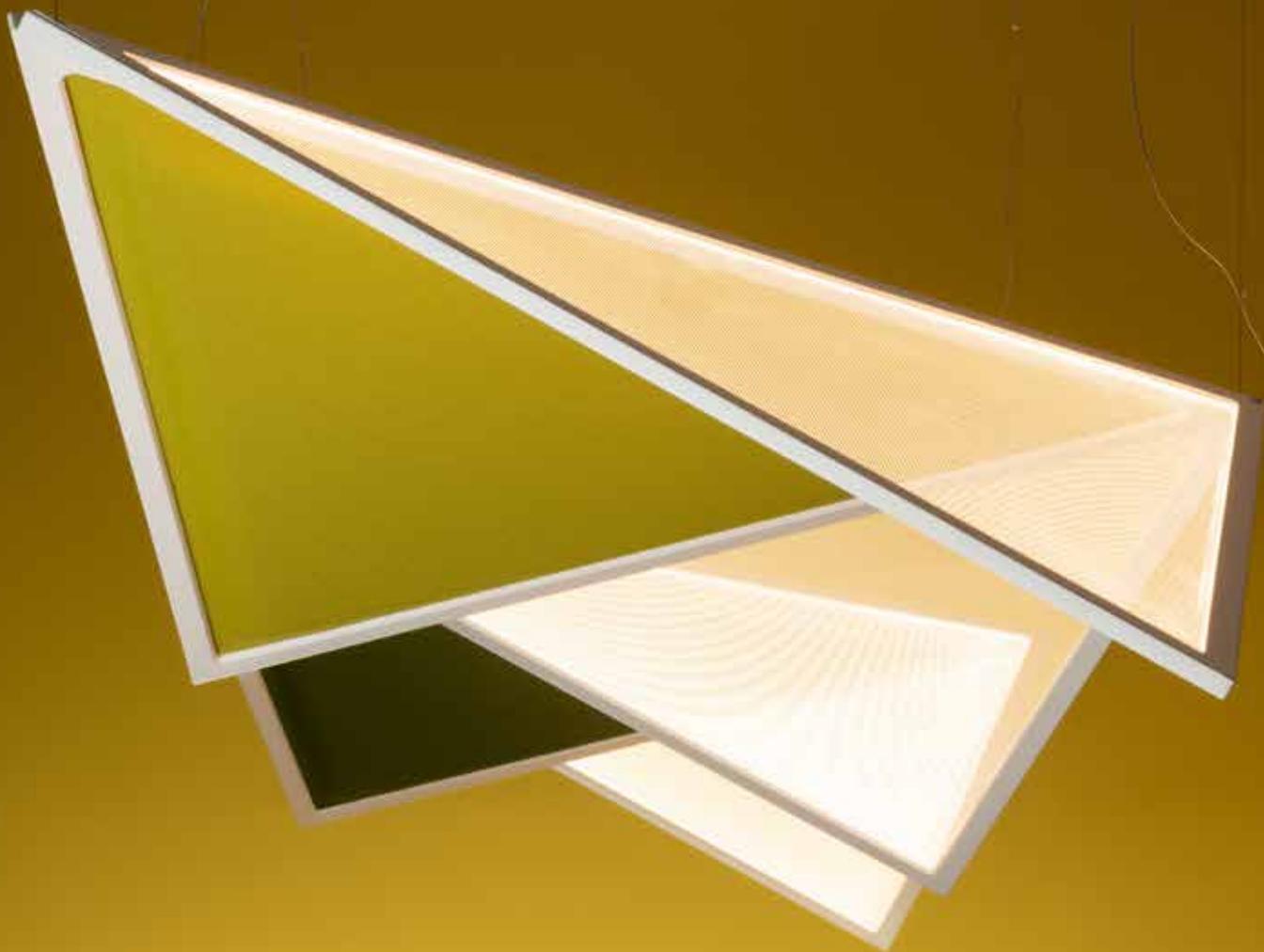


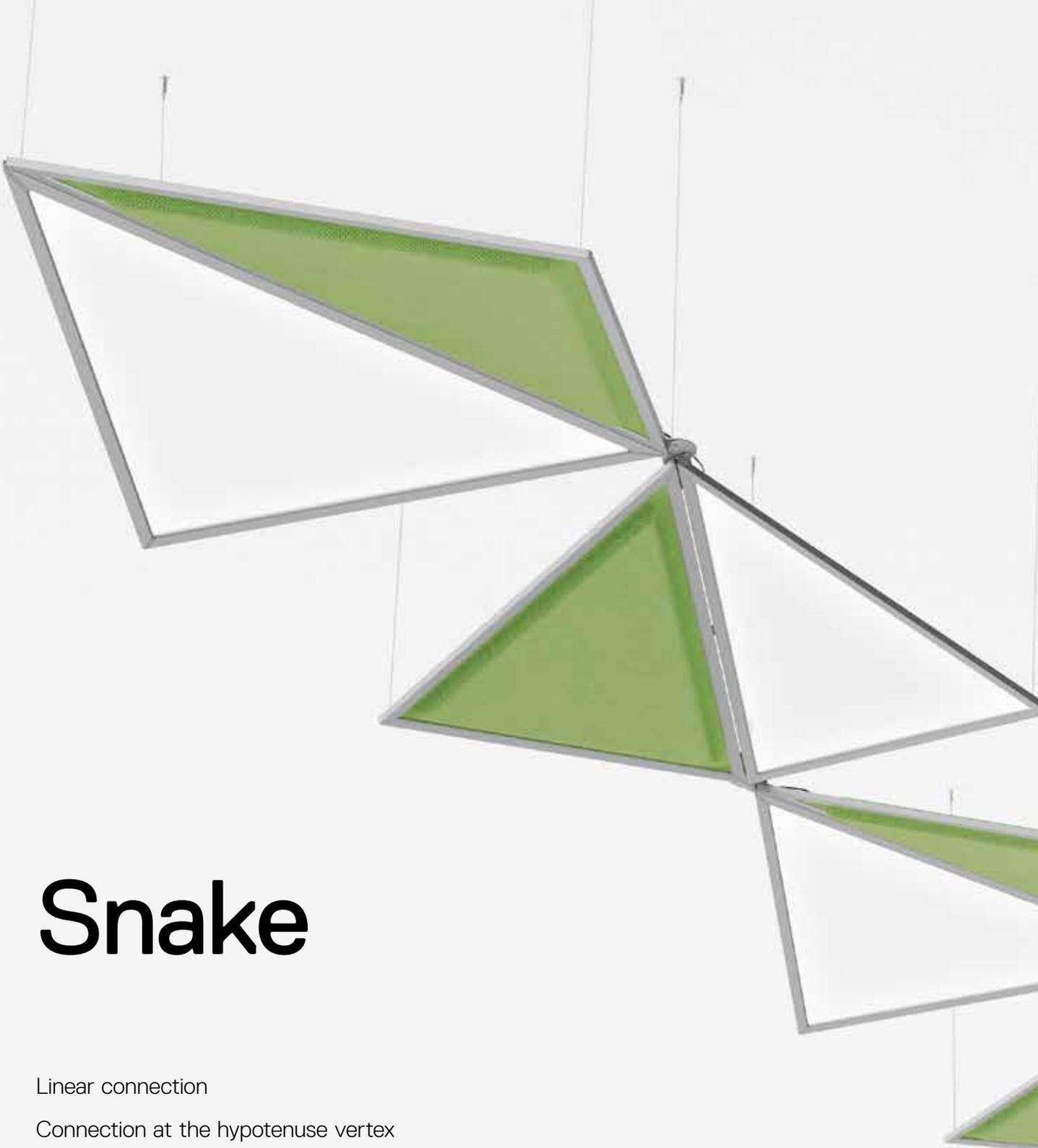
Compact



Wide







Snake

Linear connection

Connection at the hypotenuse vertex

Angle between two hypotenuse from 180° up to 120° with mechanical fixing system

The single Flexia module can be folded at 180° , 150° or 120° . All the Flexia module have to be fixed at the same angle.



↪ FLEXIA SYSTEM

Green Blue Red



The APP driver can not be controlled by DALI dimming system and viceversa.

*Driver not included.

MacAdam 3SDCM
Life L90 (6K) 50000h
CRI =90

IP20
⊕

FLEXIA SYSTEM SINGLE MODULE

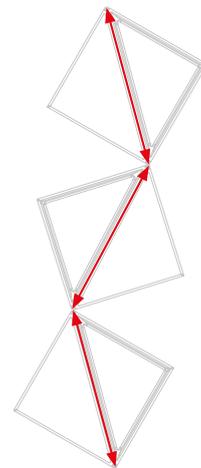
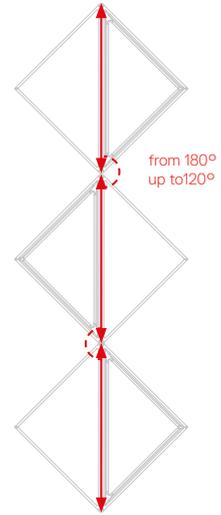
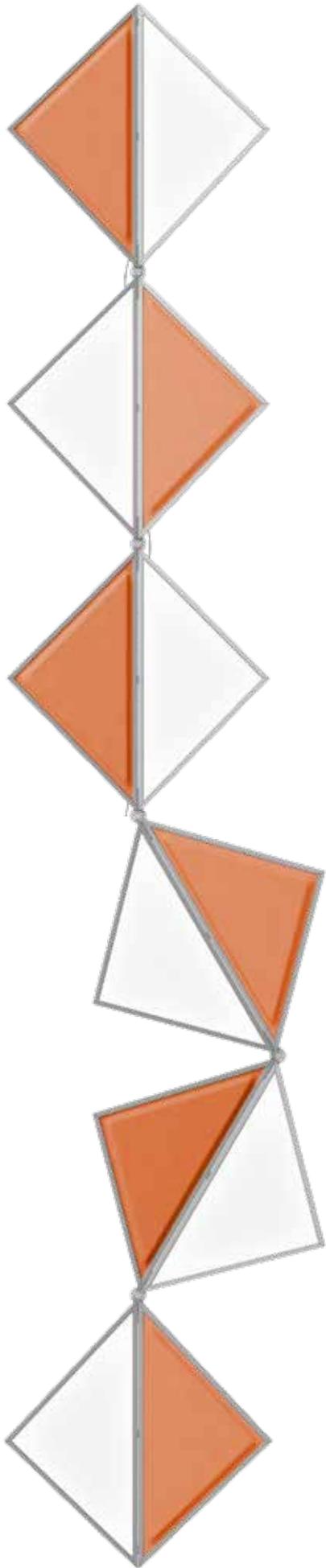
W	CCT	Flux	Color	Code*
48 W	3000K	4800 lm		CC32000
				CC32300
				CC32400

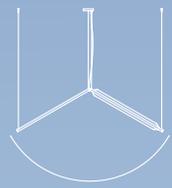
ACCESSORIES

Description	Code
Kit suspension for angles 2 + 2 pieces suspension cable	CC98000
Kit joint 120° Electrical and mechanical connection with suspension + 2 suspension cable	CC99700
Kit joint 150° Electrical and mechanical connection with suspension + 2 suspension cable	CC99800
Kit joint 180° Electrical aKit suspension for angles chanical connection with suspension + 2 suspension cable	CC99900

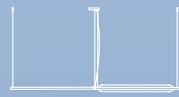
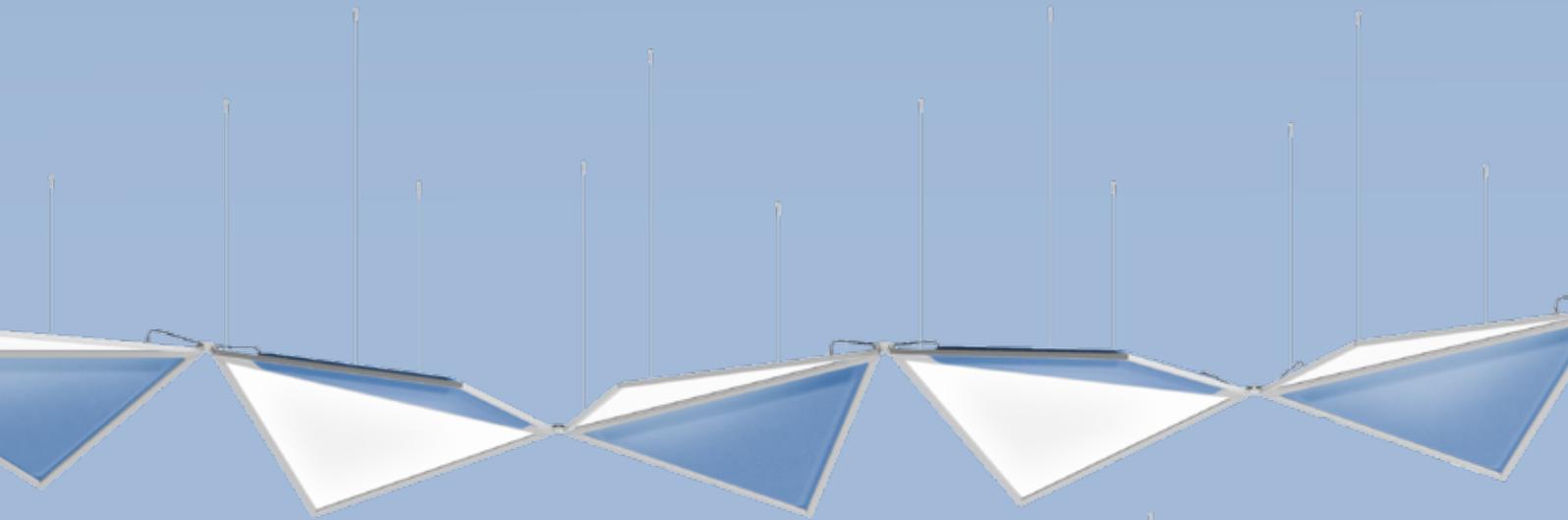
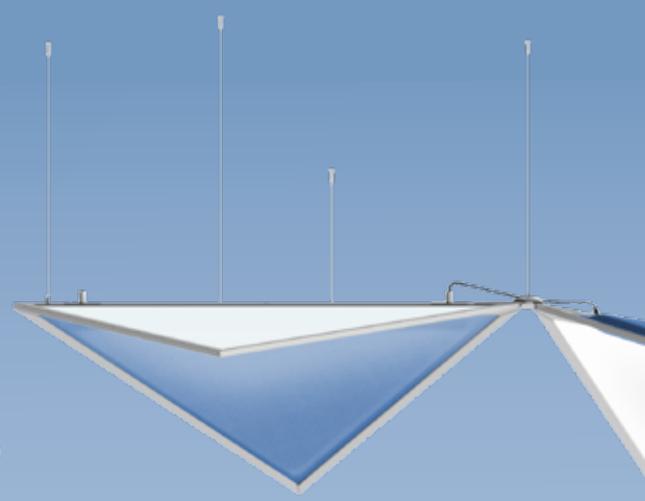
DRIVER

2 Modules						Code
Power Units	Vac	L _{mm}	W _{mm}	H _{mm}	Dimming	
100W	220-240	400	110	50	DALI/1-10/Push	CC95000
100W	220-240	400	110	50	APP suspension	CC95000APP
4 Modules						Code
Power Units	Vac	L _{mm}	W _{mm}	H _{mm}	Dimming	
240W	220-240	400	110	50	DALI/1-10/Push	CC95200
240W	220-240	400	110	50	APP suspension	CC95200APP
6 Modules						Code
Power Units	Vac	L _{mm}	W _{mm}	H _{mm}	Dimming	
320W	220-240	400	110	50	DALI/1-10/Push	CC96200
320W	220-240	400	110	50	APP suspension	CC96200APP

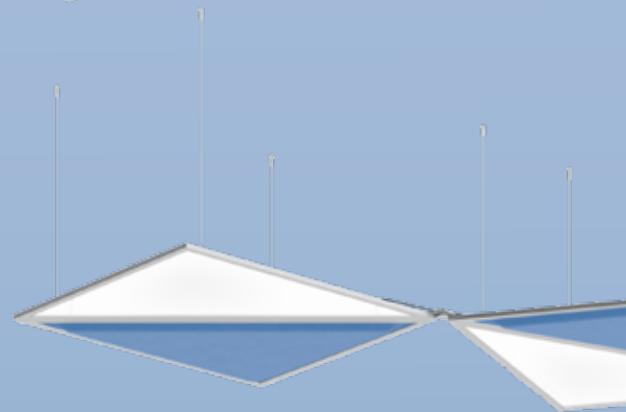


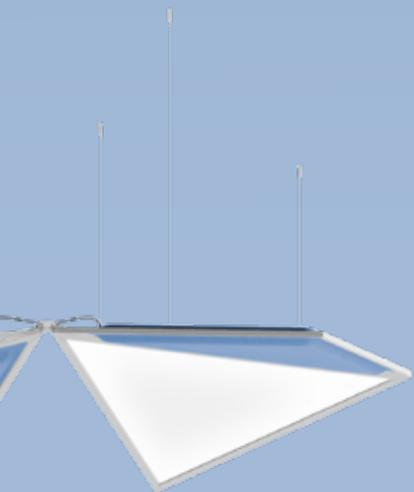
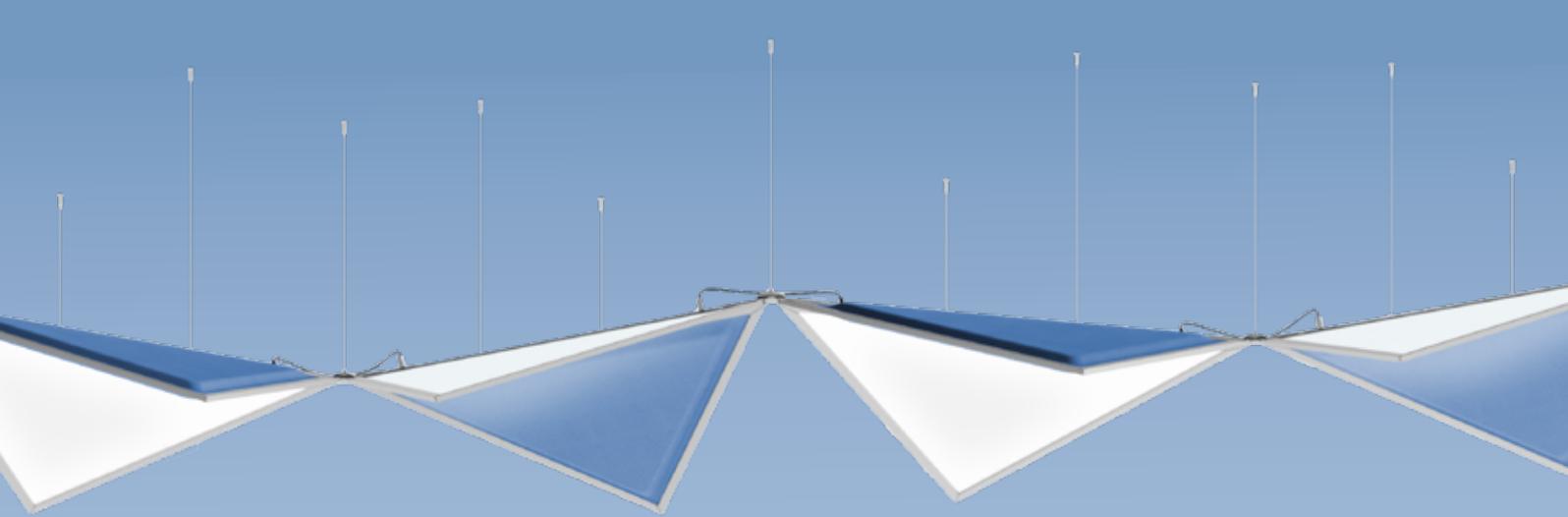


120°

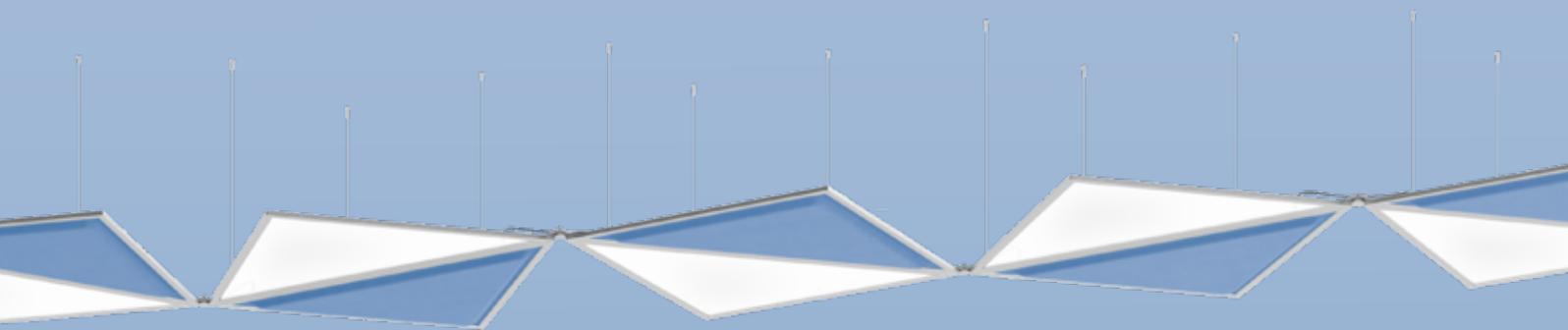
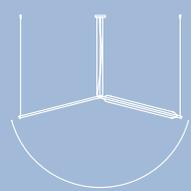


180°





150°



Compact

Linear connection

Connection along the cathetus

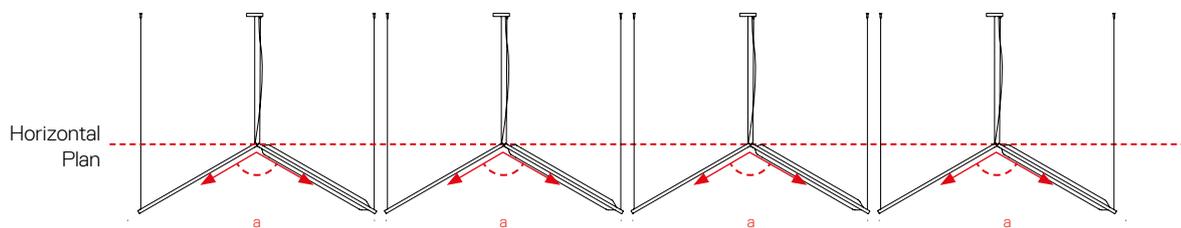
The hypotenuses are always coplanar and horizontal

The single Flexia module can be folded at 150° or 120° .
All the Flexia module have to be fixed at the same angle.

There are no gaps between modules.

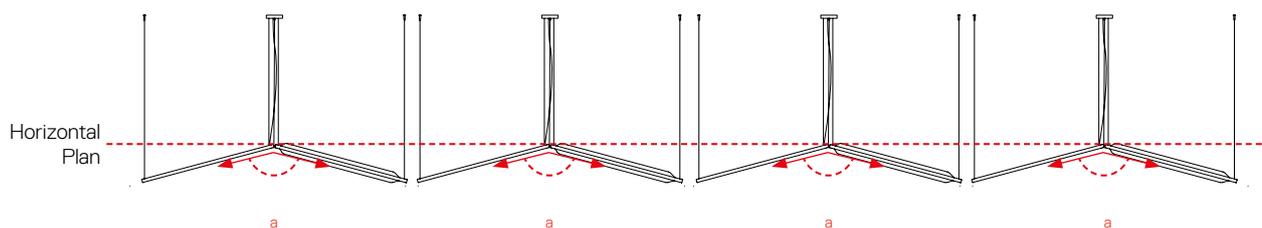
Compact A

$a = 120^\circ$



Compact B

$a = 150^\circ$





↪ FLEXIA SYSTEM

Green Blue Red



The APP driver can not be controlled by DALI dimming system and viceversa.

*Driver not included.

MacAdam 3SDCM
Life L90 (6K) 50000h
CRI =90

IP20
Ⓢ

FLEXIA SYSTEM SINGLE MODULE

W	CCT	Flux	Color	Code *
48 W	3000K	4800 lm		CC32000
				CC32300
				CC32400

CLUSTER FLEXIA SYSTEM COMPACT 3 MODULES

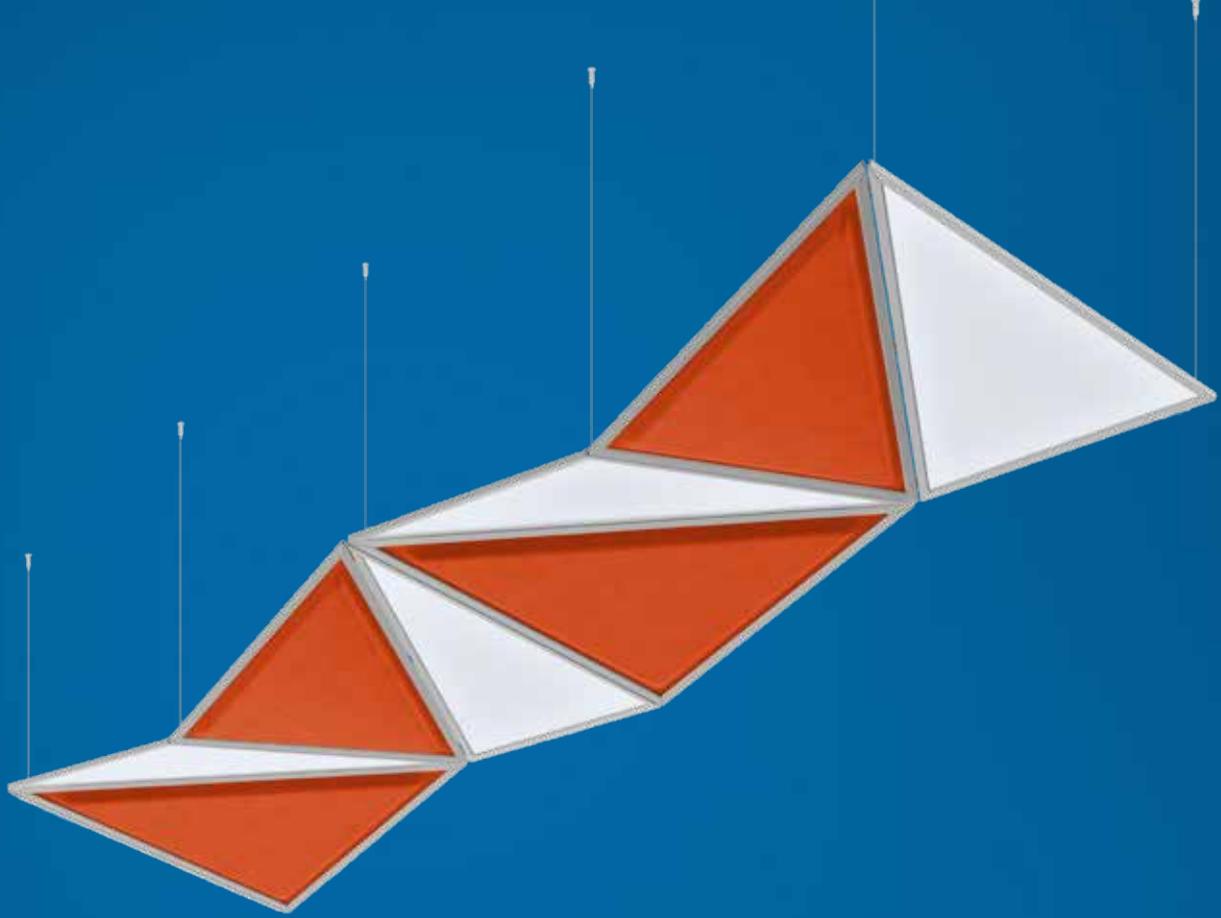
W	CCT	Flux	Color	Code *
3 x 48 W	3000K	3 x 4800 lm		CC37000
				CC37300
				CC37400

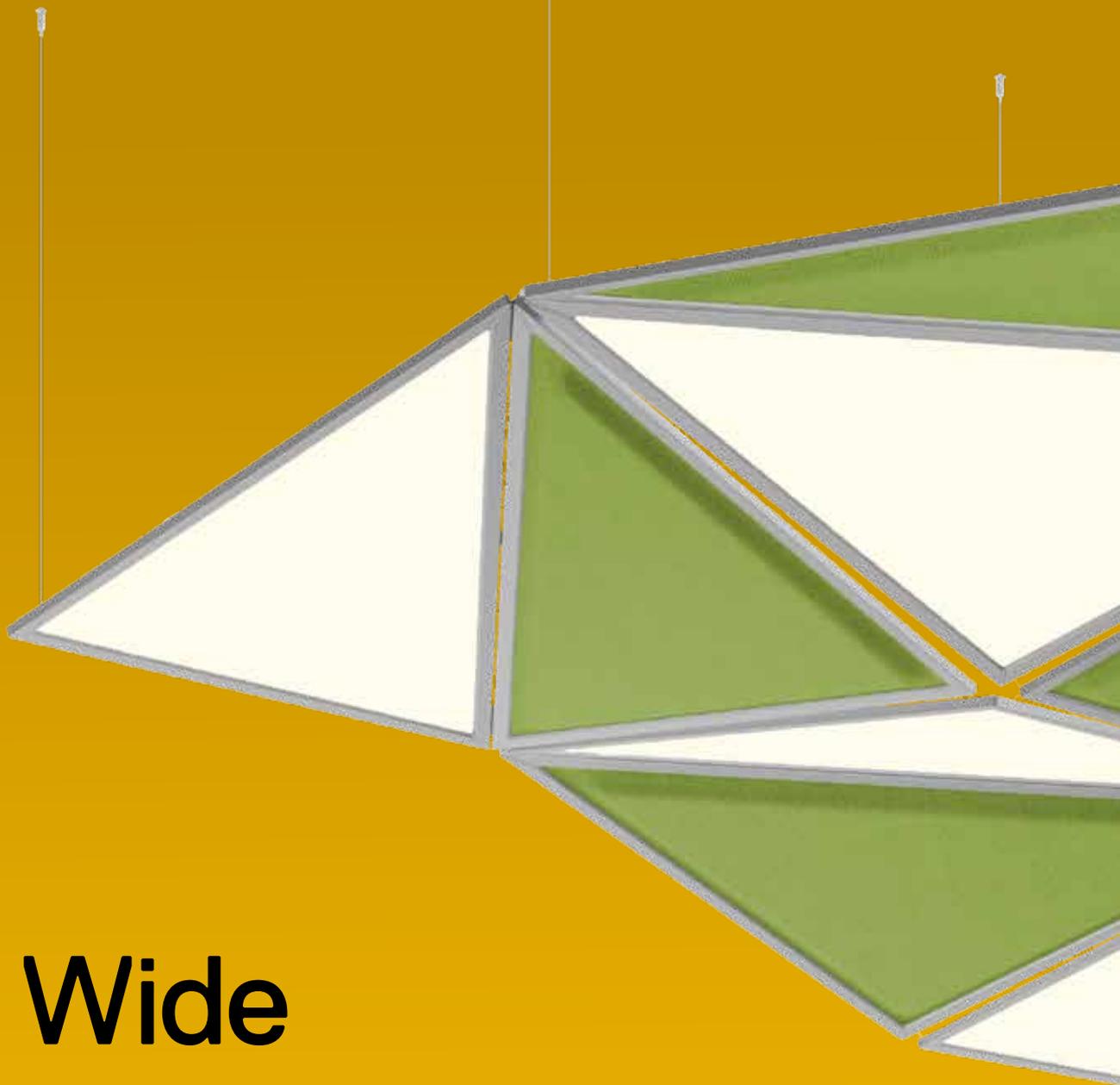
ACCESSORIES

Description	Code
Kit suspension for angles 2 + 2 pieces suspension cable	CC98000
Kit joint 120° Electrical and mechanical connection with suspension+1 suspension cable	CC99100
Kit joint 150° Electrical and mechanical connection with suspension+1 suspension cable	CC99200

DRIVER

2 Modules						Code
Power Units	Vac	L _{mm}	W _{mm}	H _{mm}	Dimming	
100W	220-240	400	110	50	DALI/1-10/Push	CC95000
100W	220-240	400	110	50	APP suspension	CC95000APP
4 Modules						Code
Power Units	Vac	L _{mm}	W _{mm}	H _{mm}	Dimming	
240W	220-240	400	110	50	DALI/1-10/Push	CC95200
240W	220-240	400	110	50	APP suspension	CC95200APP
6 Modules						Code
Power Units	Vac	L _{mm}	W _{mm}	H _{mm}	Dimming	
320W	220-240	400	110	50	DALI/1-10/Push	CC96200
320W	220-240	400	110	50	APP suspension	CC96200APP





Wide

Connection with both longitudinal and transversal development

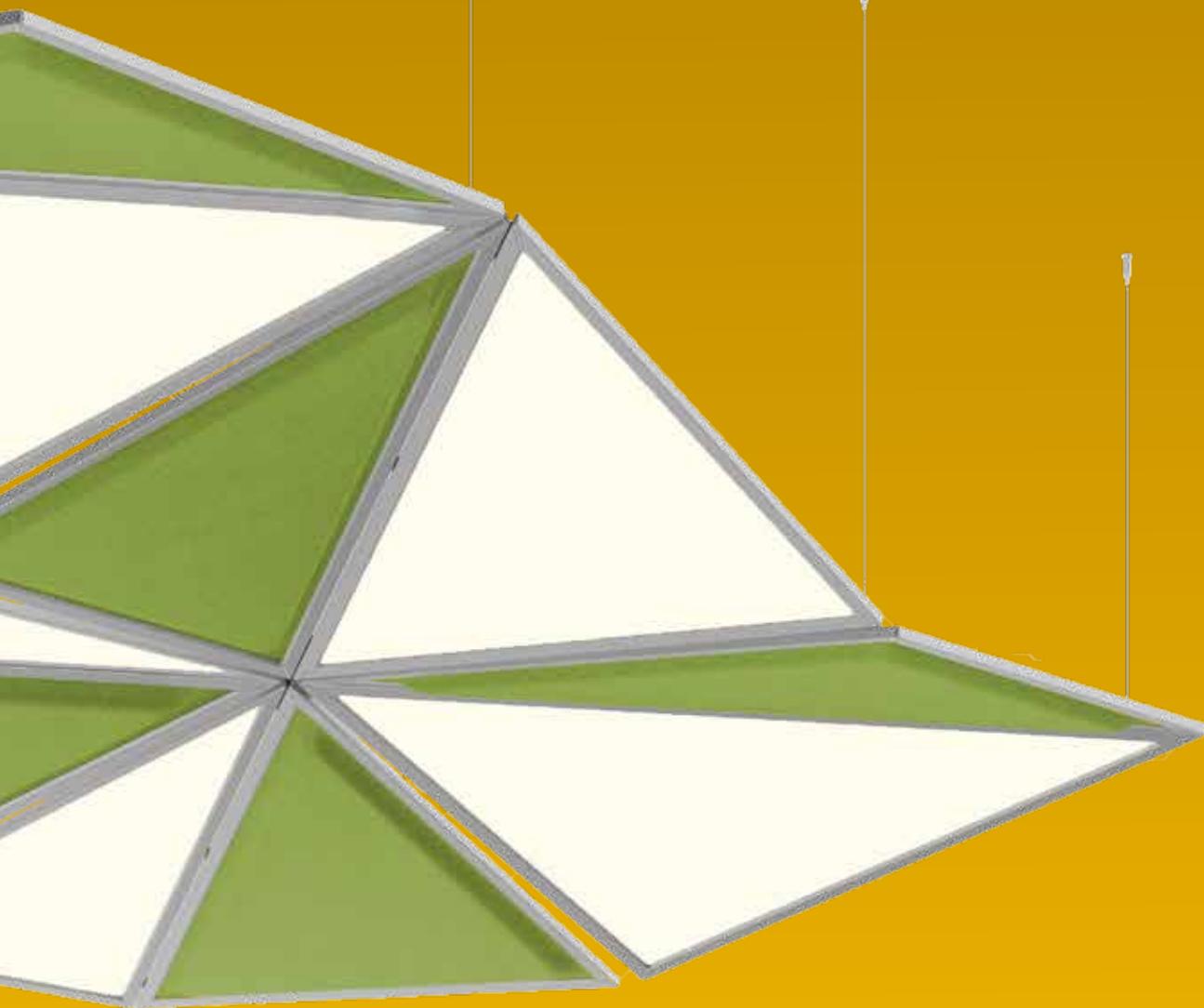
Connection at the hypotenuse vertex

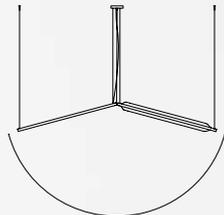
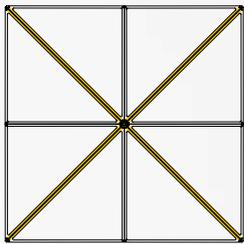
The hypotenuses are always coplanar and horizontal

The single Flexia module can be folded at 180° , 150° or 120° .

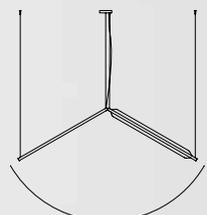
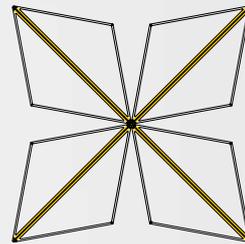
All the Flexia module have to be fixed at the same angle.

there are gaps between modules at 150° and 120° .





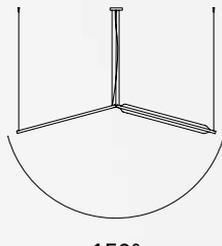
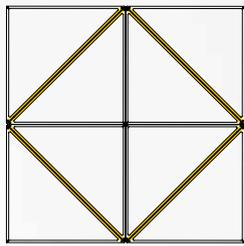
150°



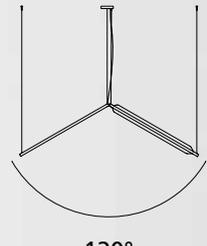
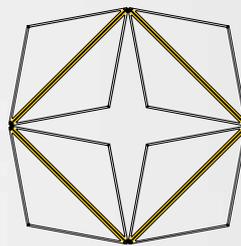
120°



— Electrical connections



150°



120°



— Electrical connections

↪ FLEXIA SYSTEM

Green Blue Red



The APP driver can not be controlled by DALI dimming system and viceversa.

*Driver not included.

MacAdam 3SDCM
Life L90 (6K) 50000h
CRI =90

IP20
⊕

FLEXIA SYSTEM SINGLE MODULE

W	CCT	Flux	Color	Code *
48 W	3000K	4800 lm		CC32000
				CC32300
				CC32400

ACCESSORIES

Description	Code
Kit suspension for free angle (1 suspension cable)	CC97500
Kit suspension for free catheti (1 suspension cable)	CC98800
Kit 2 diagonals joint 120°	CC98100
Kit 2 diagonals joint 150°	CC98200
Kit 2 diagonals joint 180°	CC98300
Kit 3 diagonals joint 120°	CC98400
Kit 3 diagonals joint 150°	CC98500
Kit 3 diagonals joint 180°	CC97600
Kit 4 diagonals joint 120°	CC98600
Kit 4 diagonals joint 150°	CC98700
Kit 4 diagonals joint 180°	CC97700
Kit 2 catheti joint 120°	CC98900
Kit 2 catheti joint 150°	CC99100
Kit 2 catheti joint 180°	CC99200
Kit 3 catheti joint 120°	CC99300
Kit 3 catheti joint 150°	CC99400
Kit 3 catheti joint 180°	CC97800
Kit 4 catheti joint 120°	CC99500
Kit 4 catheti joint 150°	CC99600
Kit 4 catheti joint 180°	CC97900

DRIVER

2 Modules						Code
Power Units	Vac	L _{mm}	W _{mm}	H _{mm}	Dimming	
100W	220-240	400	110	50	DALI/1-10/Push	CC95000
100W	220-240	400	110	50	APP suspension	CC95000APP
4 Modules						Code
Power Units	Vac	L _{mm}	W _{mm}	H _{mm}	Dimming	
240W	220-240	400	110	50	DALI/1-10/Push	CC95200
240W	220-240	400	110	50	APP suspension	CC95200APP
6 Modules						Code
Power Units	Vac	L _{mm}	W _{mm}	H _{mm}	Dimming	
320W	220-240	400	110	50	DALI/1-10/Push	CC96200
320W	220-240	400	110	50	APP suspension	CC96200APP







Flexia is compatible with **Artemide App**

Artemide App is a user-friendly and intuitive interface used to control individual products, groups of appliances and lighting scenarios. It is a tool that can be associated with several products from both the Design and the Architectural Catalogues.





Download Artemide App
and find more information on
[artemide.com](https://www.artemide.com)

Headquarters

Artemide S.p.A.

Via Bergamo, 18
20010 Pregnana Milanese (MI), Italy
Tel. +39 02 93518.1
Tel. +39 02 93526.1
Numero verde 800 834 093
(from Italy only)
info@artemide.com
artemide.com

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2023.