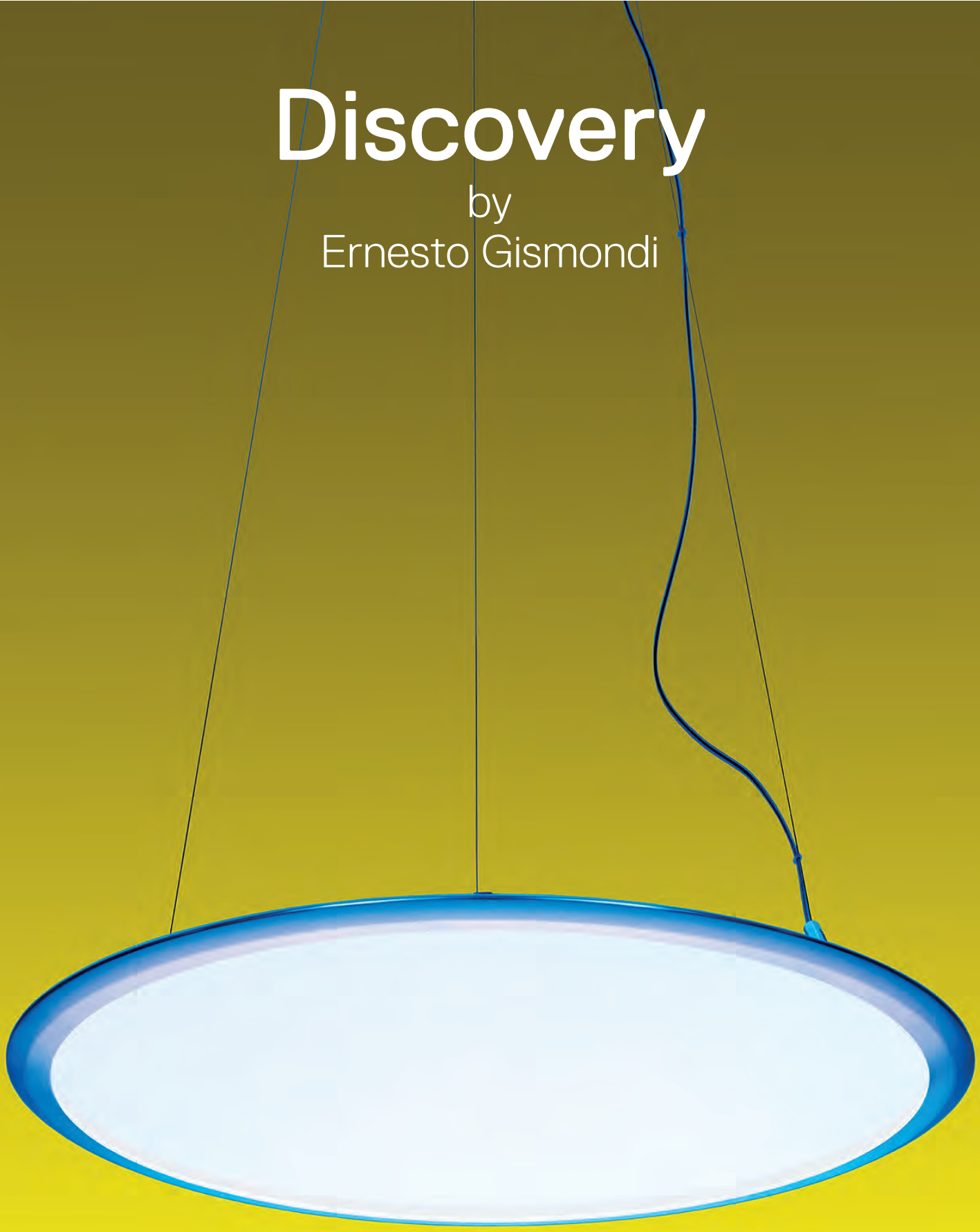
Discovery

by

Ernesto Gismondi



Artemide®

discovery family

Discovery

Ernesto Gismondi

2015

Discovery is an element that does not invade the environment, totally absent and dematerialized acquires volume when it is turned on thanks to the light that draws the central emitting surface.

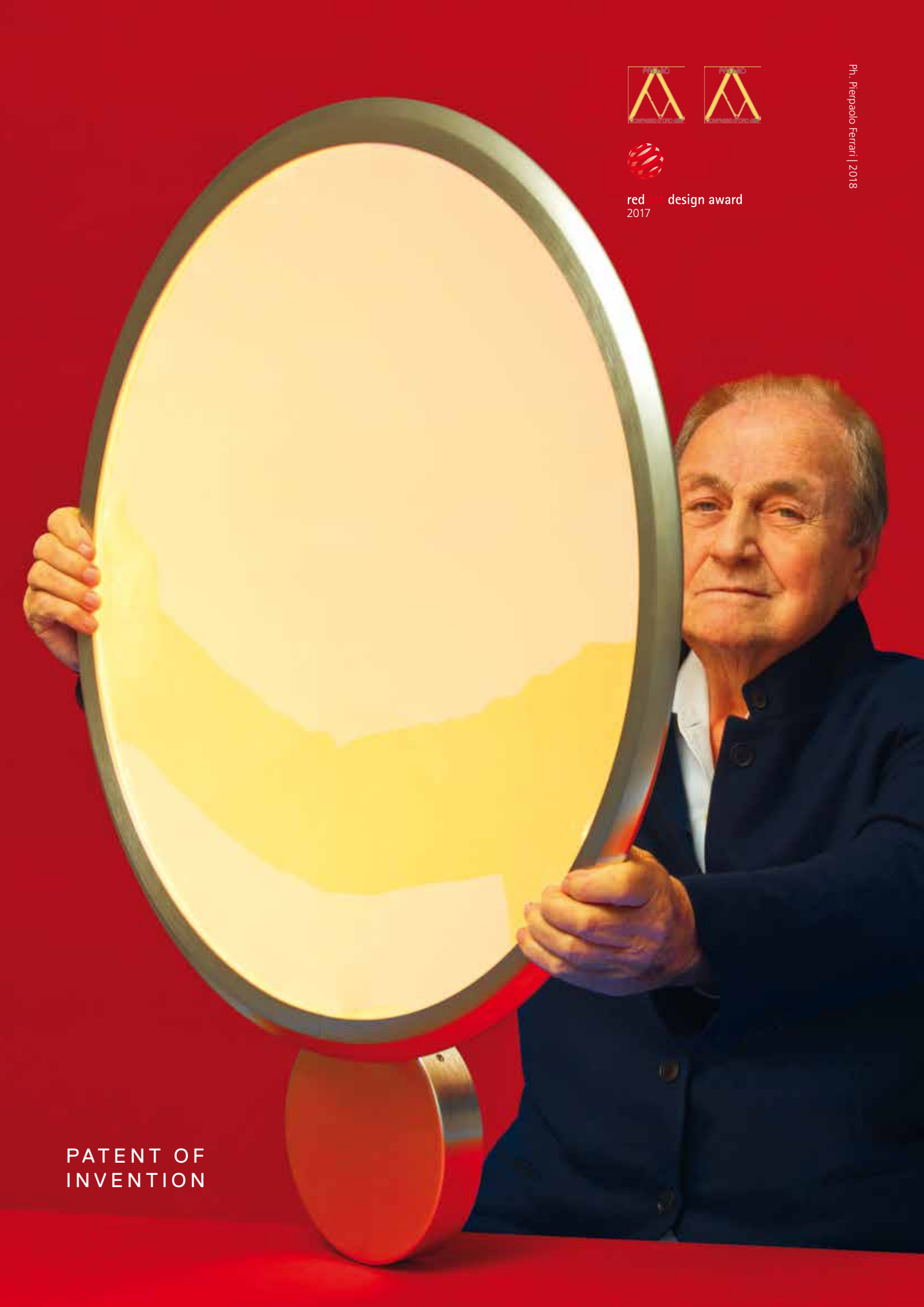
In 2018 Discovery was awarded the Compasso D'Oro, for its ability to interpret research, technological and material innovation, know-how and attention to the quality of light for human wellbeing. Discovery is a family of appliances based on minimal geometry. A very light aluminum ring houses a LED strip that injects light into a specially worked surface of transparent PMMA.
The diffuser is composed of a perfectly transparent PMMA surface, processed with micro particles so small that the surface is hardly perceptible when the appliance is turned off.

When the appliance is turned on, the transparent interior appears to fill with light as if by magic, as absence is turned into a perfectly diffusing emitting surface.
This unique result is obtained through Discovery's direct and indirect emissions, which produce an embracing and uniform light. Their geometry and layout are calculated to obtain constant emission throughout the surface.

Discovery is an unprecedented development of a well-known optical principle, conveyed through the controlled interaction with matter and a focus on its yield and perceptive qualities.

Artemide
App

For further information on Discovery
visit artemide.com


red dot design award
2017
Ph. Pierpaolo Ferrari | 2018
PATENT OF
INVENTION

Orgatec, Köln, Germany, Ph. HG Esch | 2018

Discovery is visible

is invisible

Babila Hostel, Milan, Italy, Ph. Riccardo Gasperoni | 2017

3 Sizes 700, 1000, 1400
Finishes Silver, Black, Brushed bronze

Atelier Cazzaro Constuctions, Padua, Italy. Ph. Federico Villa | 2019

Patent of Invention

Discovery, thanks to its invention patent, is increasingly the perfect synthesis of Artemide's values, knowledge, innovative research and know-how.

An ultra-lightweight circular aluminium profile houses an LED strip that injects light into a transparent PMMA surface with a pattern of distributed micro-incisions for maximum efficiency and uniformity.

Best Office Awards 2019 by Vox Architects, Moscow, Russia, Ph. Mikhail Loskutov | 2019

Discovery typologies

SUSPENSION HORIZONTAL

An ultra-light aluminum profile hosts a LED strip that injects light into a technopolymer surface with microengravings.

The microengravings pattern ensures maximum efficiency and uniformity in direct and indirect emission.

Dimmable devices (push dimmer and Artemide App).

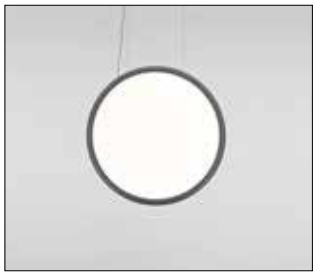
Available as suspension and wall/ceiling Ø 700 mm, as vertical suspension Ø 700-1000-1400 mm.

DISCOVERY

XF
(>45°)
40 W
2857 lm

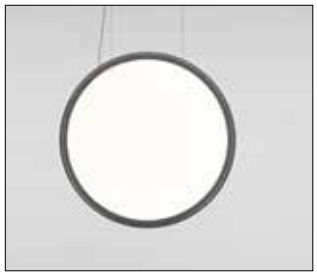
Artemide App

SUSPENSION VERTICAL



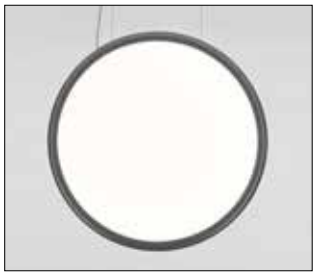
DISCOVERY VERTICAL Ø700 / TW / RGBW

XF	TW	RGBW
(>45°)	(>45°)	(>45°)
40 W	50 W	42 W
2857 lm	3343 lm	2471 lm



DISCOVERY VERTICAL Ø1000 / TW / RGBW

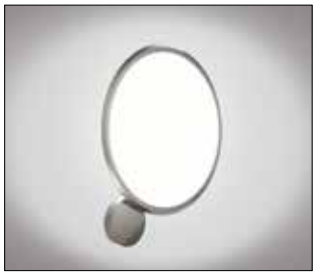
XF	TW	RGBW
(>45°)	(>45°)	(>45°)
60W	71W	59W
4859 lm	4775 lm	3140 lm



DISCOVERY VERTICAL Ø1400 / TW / RGBW

XF	TW	RGBW
(>45°)	(>45°)	(>45°)
80W	84W	79W
6762 lm	5650 lm	4123 lm

WALL



DISCOVERY WALL

XF
(>45°)
40 W
2857 lm

UGR<19

Uniform and diffuse light suitable for workplaces

High-end and innovative technology

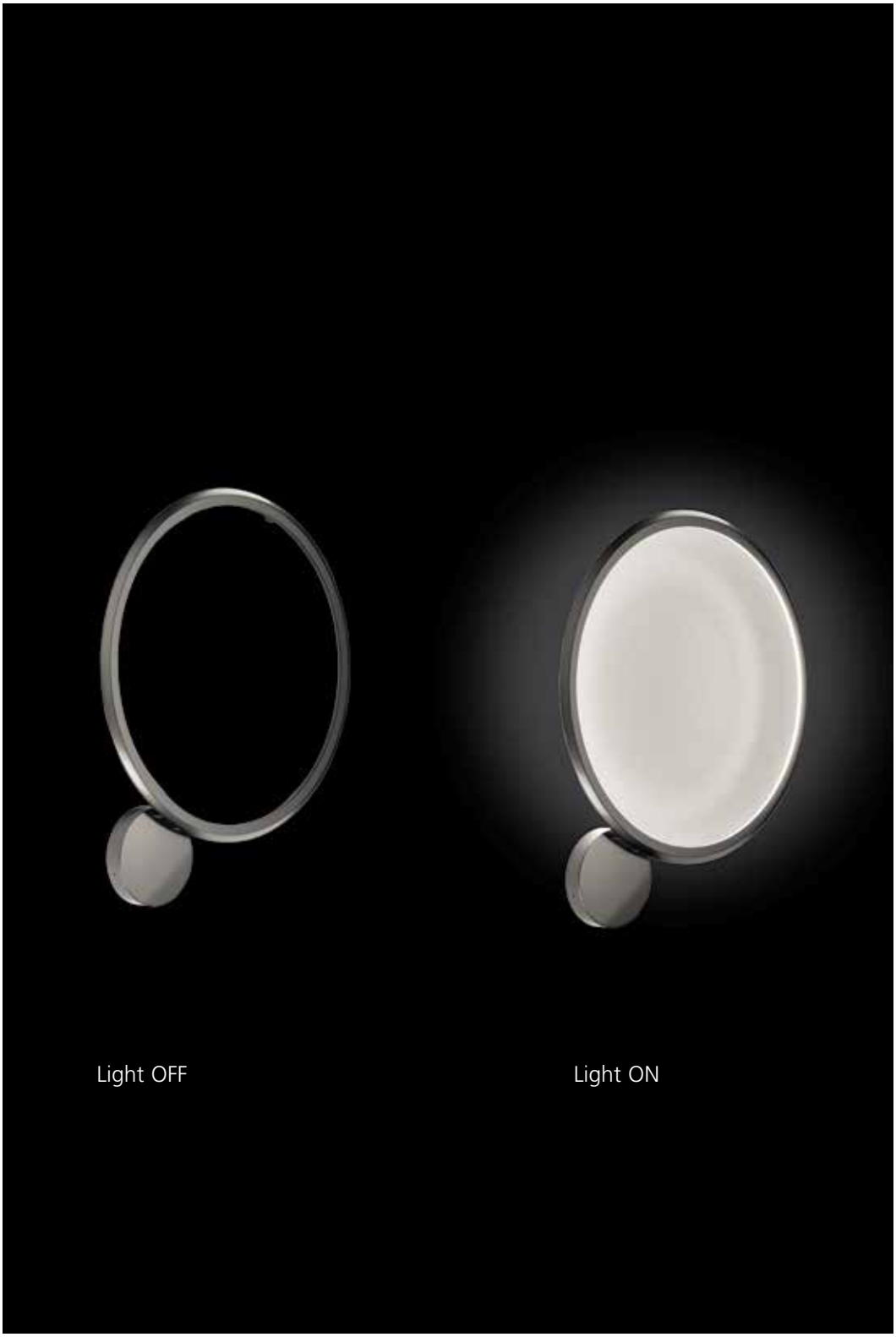
Maximum efficiency and uniformity

Perfectly transparent surface

Extracting light

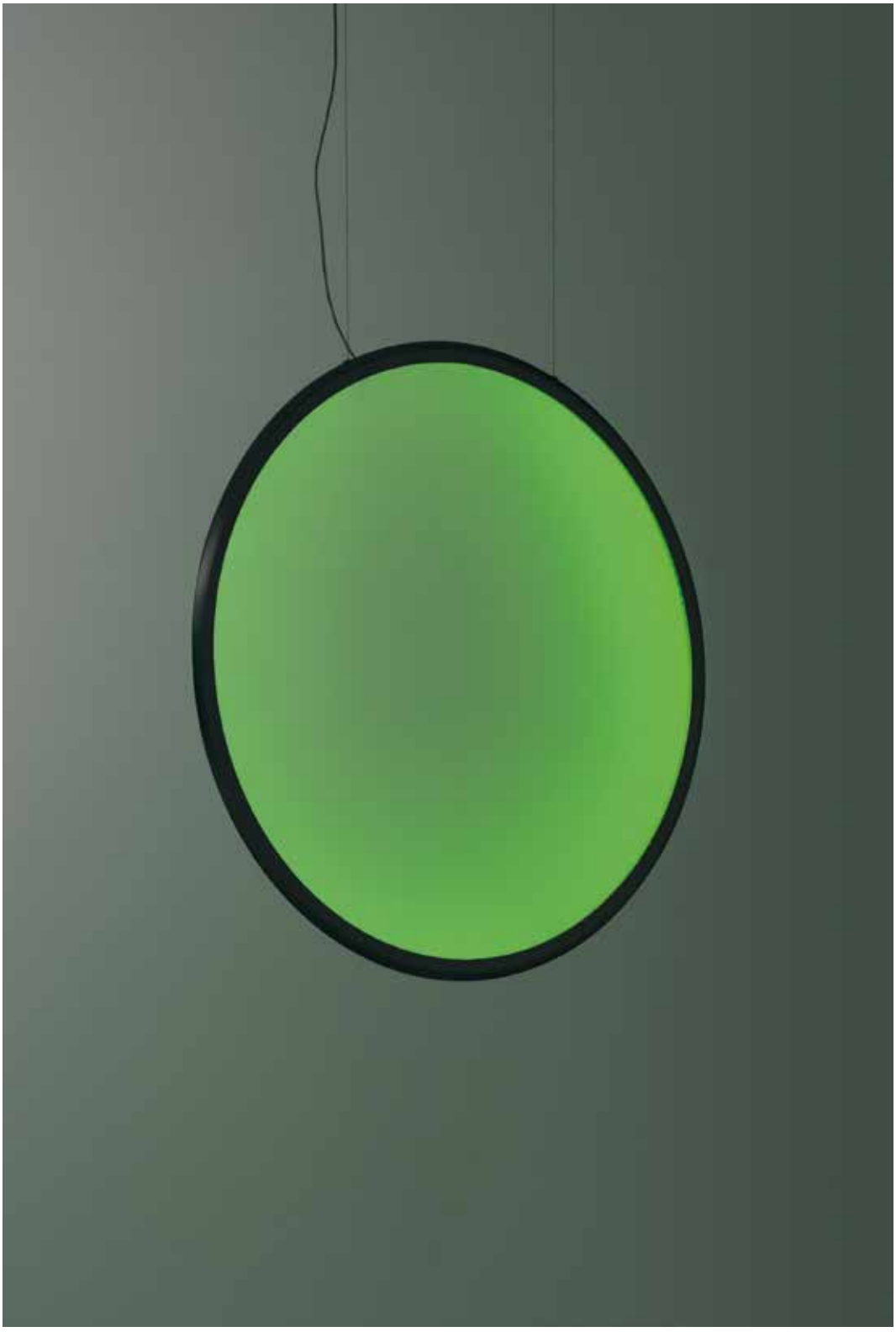
The Modernist Hotel, Trieste, Italy, Ph. Roberto Pastrovicchio | 2019

Discovery wall



VI.VA. Restaurant, Milan, Italy, Ph. Sonia Marin | 2019

RGBW Emission



RGBW

TW Emission

TW

2700K 6500K

Silver Black Brushed Bronze XF

10. **30.** **60.**

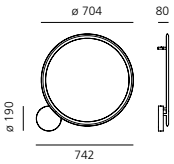
The APP driver can not be controlled by DALI dimming system and viceversa.

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

IP20

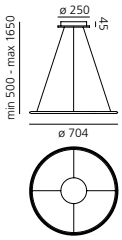
DISCOVERY WALL

W	Beam	Flux	CCT	PUSH Code
40 W	XF	2857 lm	3000K	**19980.**10/30/60.**A**



DISCOVERY

W	Beam	Flux	CCT	PUSH/DALI Code	PUSH & APP Code
40 W	XF	2857 lm	3000K	**19991.**10/30/60.**A**	**19991.**10/30/60.**APP**



Optional control devices - BLL wireless switch

Device for switching and controlling Artemide App products.
Max N.3 inputs for external push buttons.
Mains power supply required.
To be installed inside flush mounting boxes or junction boxes.

DV1080APP

"GAGARIN" International Airport VIP Zone, Saratov, Russia, Ph. Sergey Ananyev | 2019

Silver Black Brushed Bronze XF

10. **30.** **60.**

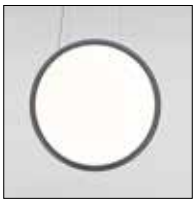
The APP driver can not be controlled by DALI dimming system and viceversa.

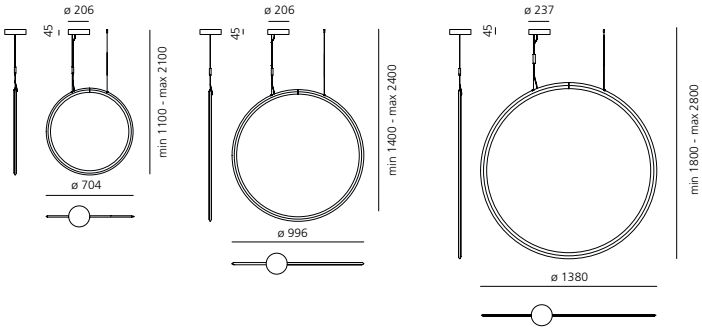
MacAdam 3SDCM
Life L90 (6K) 50000h
CRI =90

IP20

DISCOVERY VERTICAL SUSPENSION

Ø	W	Beam	Flux	CCT	PUSH/DALI Code	PUSH & APP Code
700 mm	40 W	XF	2857 lm	3000K	**19920.**10/30/60.**A**	**19920.**10/30/60.**APP**
1000 mm	60 W	XF	4859 lm	3000K	**19930.**10/30/60.**A**	**19930.**10/30/60.**APP**
1400 mm	80 W	XF	6762 lm	3000K	**19940.**10/30/60.**A**	**19940.**10/30/60.**APP**





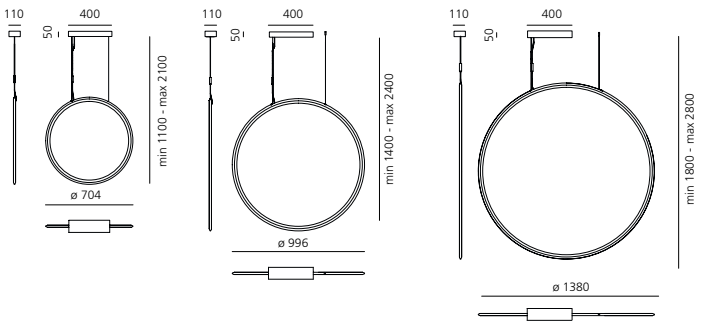
DISCOVERY VERTICAL SUSPENSION TW

TW® Artemide Tunable White

Ø	W	Beam	Flux	CCT	DALI DT8 Code	APP Code
700 mm	50 W	XF	Warm - 3246 lm Cold - 3343 lm	2700K-6500K	**19922.**10/30/60.**A**	**19922.**10/30/60.**APP**
1000 mm	71W	XF	Warm - 4637 lm Cold - 4775 lm	2700K-6500K	**19932.**10/30/60.**A**	**19932.**10/30/60.**APP**
1400 mm	84W	XF	Warm - 5487 lm Cold - 5650 lm	2700K-6500K	**19942.**10/30/60.**A**	**19942.**10/30/60.**APP**

DISCOVERY VERTICAL SUSPENSION RGBW

Ø	W	Beam	Flux	DALI Code	APP Code
700 mm	42 W	XF	RGB 871 lm White 1600 lm	**19923.**10/30/60.**A**	**19923.**10/30/60.**APP**
1000 mm	59 W	XF	RGB 1107 lm White 2033 lm	**19933.**10/30/60.**A**	**19933.**10/30/60.**APP**
1400 mm	79 W	XF	RGB 1453 lm White 2670 lm	**19943.**10/30/60.**A**	**19943.**10/30/60.**APP**



Optional control devices - BLL wireless switch

Device for switching and controlling Artemide App products.
Max N.3 inputs for external push buttons.
Mains power supply required.
To be installed inside flush mounting boxes or junction boxes.

DV1080APP

Attimi Restaurant by Heinz Beck, Milan, Italy, Ph. Andrea Martiradonna | 2019

La Biennale di Venezia, Venice, Italy, Ph. Andrea Pugiotto | 2021

Discovery Space

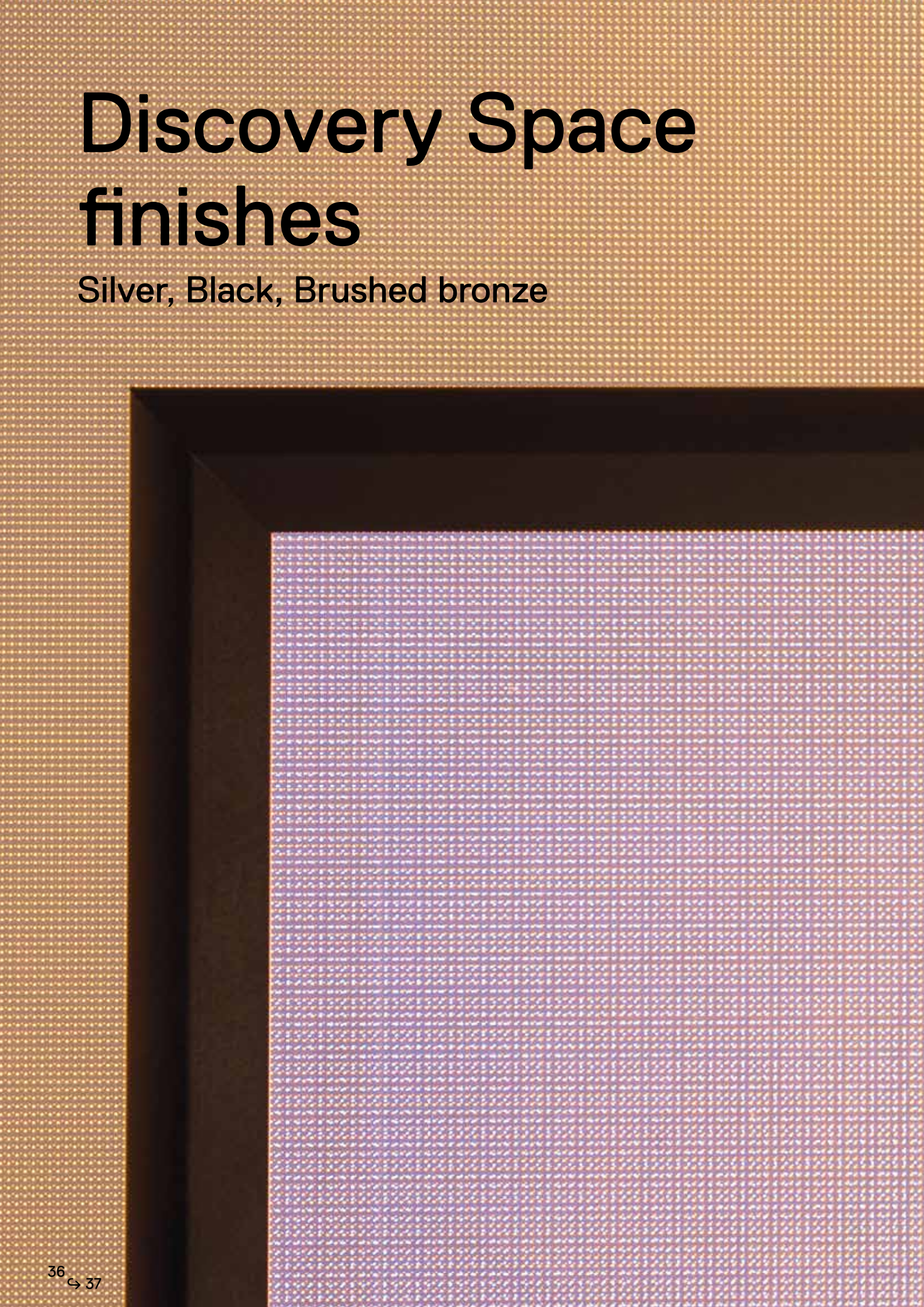
Ernesto Gismondi
2019

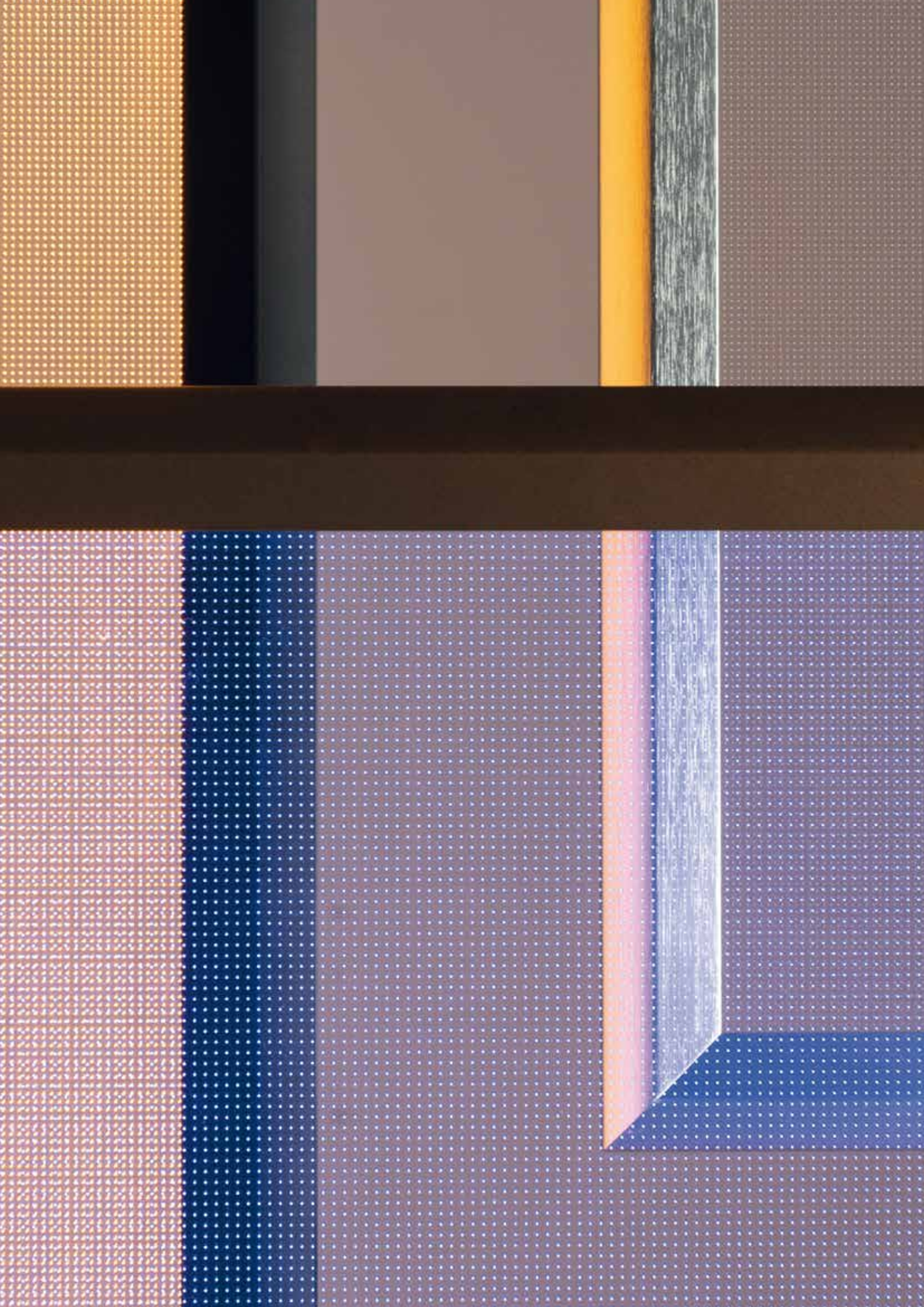
Total flexibility in the space

Lunghini-sangiorgio legal office, Milan, Italy. Ph. Michele Nastasi | 2020

Discovery Space finishes

Silver, Black, Brushed bronze



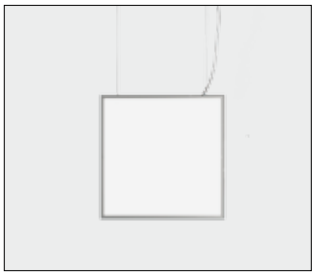


Discovery Space typologies

Discovery Space is available in two versions, Square 900x900 and Rectangular 750x1500 with the White, TW and RGBW emissions.

Through the use of two support cables, Discovery Space can be installed both vertically and horizontally, giving the possibility to create different wings that shape the spaces through presence and absence given by its different levels of transparency.

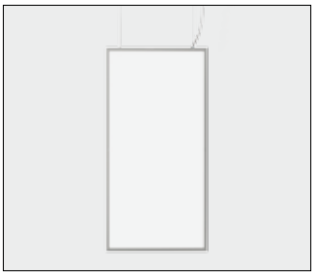
SQUARE



DISCOVERY SQUARE / TW / RGBW

XF	TW	RGBW
(>45°)	(>45°)	(>45°)
34 W	44 W	36 W
1955 lm	2739 lm	1708 lm

RECTANGULAR



DISCOVERY RECTANGULAR / TW / RGBW

XF	TW	RGBW
(>45°)	(>45°)	(>45°)
52W	62W	54W
4002 lm	3775 lm	2664 lm

Artemide App

Ph. Giovanni Gastel | 2019

Silver **10.** Black **30.** Brushed Bronze **60.** XF

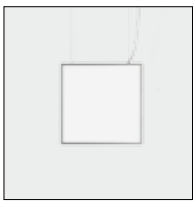
The APP driver can not be controlled by DALI dimming system and viceversa.

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

IP20

DISCOVERY SPACE SQUARE

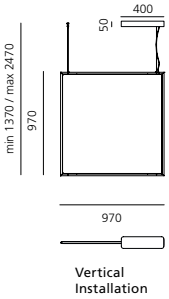
W	Beam	Flux	CCT	PUSH/DALI Code	PUSH & APP Code
34 W	XF	1955 lm	3000K	**20040.**10/30/60**.A**	**20040.**10/30/60**.APP**



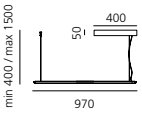
DISCOVERY SPACE SQUARE TW

TW® Artemide Tunable White

W	Beam	Flux	CCT	DALI DT8 Code	APP Code
44 W	XF	Warm - 2579 lm Cold - 2739 lm	2700K-6500K	**20000.**10/30/60**.A**	**20000.**10/30/60**.APP**



Vertical Installation



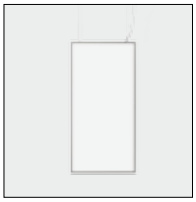
Horizontal Installation

DISCOVERY SPACE SQUARE RGBW

W	Beam	Flux	DALI Code	APP Code
36 W	XF	RGB 621 lm White 1087 lm	**20010.**10/30/60**.A**	**20010.**10/30/60**.APP**

DISCOVERY SPACE RECTANGULAR

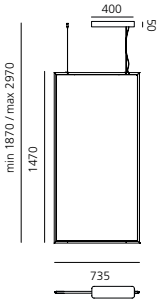
W	Beam	Flux	CCT	PUSH/DALI Code	PUSH & APP Code
52 W	XF	4002 lm	3000K	**20050.**10/30/60**.A**	**20050.**10/30/60**.APP**



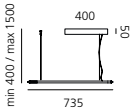
DISCOVERY SPACE RECTANGULAR TW

TW® Artemide Tunable White

W	Beam	Flux	CCT	DALI DT8 Code	APP Code
62 W	XF	Warm - 3554 lm Cold - 3775 lm	2700K-6500K	**20020.**10/30/60**.A**	**20020.**10/30/60**.APP**



Vertical Installation



Horizontal Installation

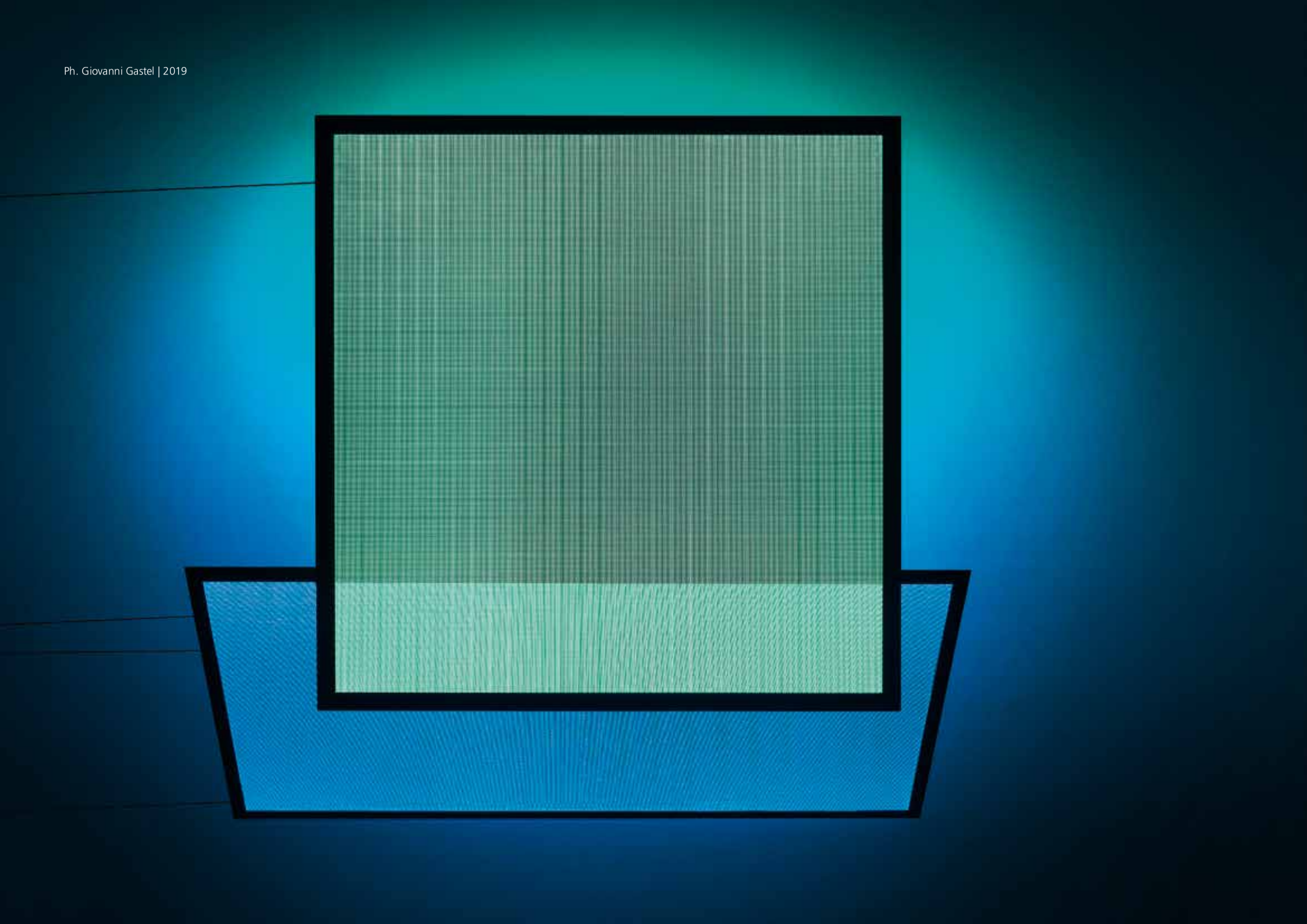
DISCOVERY SPACE RECTANGULAR RGBW

W	Beam	Flux	DALI Code	APP Code
54 W	XF	RGB 969 lm White 1695 lm	**20030.**10/30/60**.A**	**20030.**10/30/60**.APP**

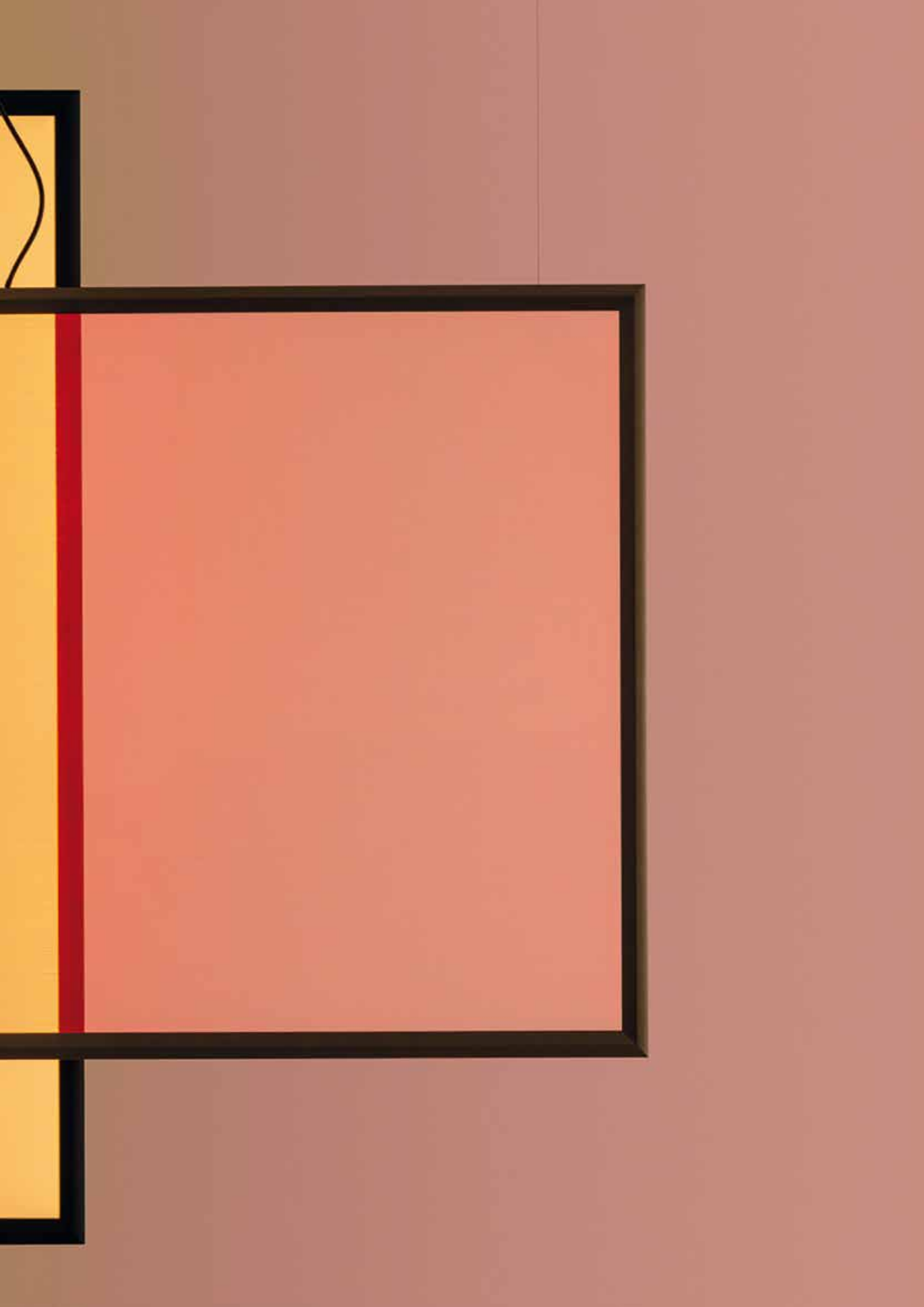
Optional control devices - BLL wireless switch

Device for switching and controlling Artemide App products.
Max N.3 inputs for external push buttons.
Mains power supply required.
To be installed inside flush mounting boxes or junction boxes.

DV1080APP

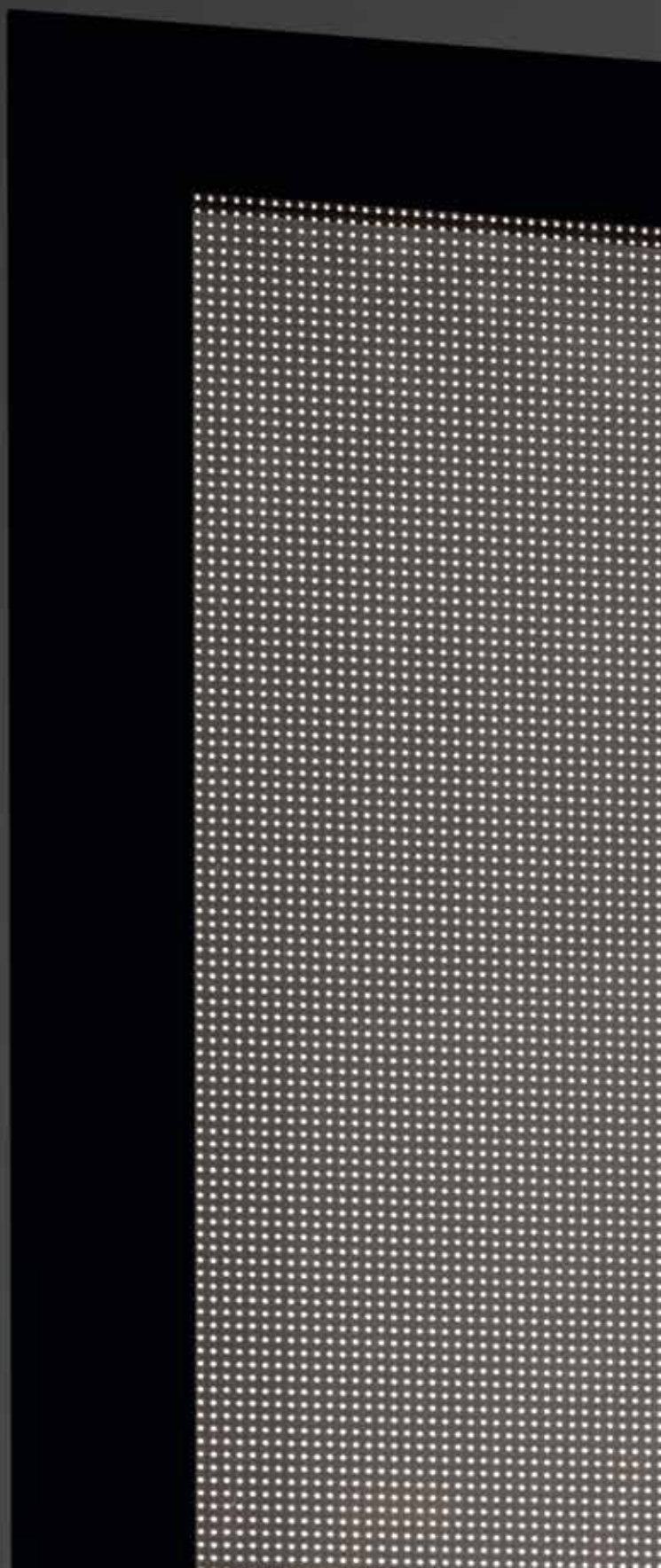


Ph. Giovanni Gastel | 2019



Discovery Space Spot

Ernesto Gismondi
2020



Multiple performances

The Discovery square and rectangular versions become Discovery Spot with the inclusion of the Vector Spot projector, designed by Carlotta de Bevilacqua.
It fits into a circular hole recreated in the emitting surface to allow its different orientations.

Black

30.

XF

S F

Spot S Beam (16°) as optional

The APP driver can not be controlled by DALI

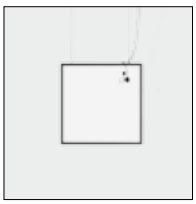
MacAdam 3SDCM
Life L90 (6K) 50000h
CRI =80

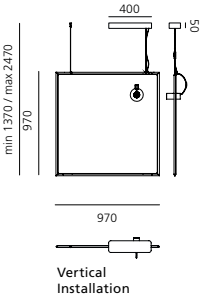
IP20
45°
30°
+/- 60°

DISCOVERY SPACE SQUARE SPOT TW

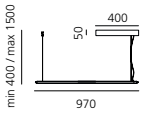
TW® Artemide Tunable White

W	Beam	Flux	CCT	APP Code
44 W	XF	Warm - 2579 lm Cold - 2739 lm	2700K-6500K	**2030030APP**
25W (spot)	F (22°)	1465 lm	3000K	





Vertical Installation

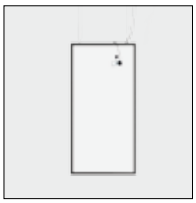


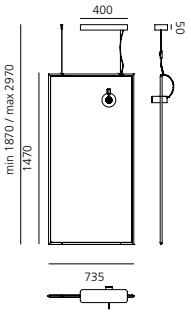
Horizontal Installation

DISCOVERY SPACE RECTANGULAR SPOT TW

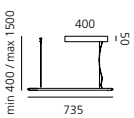
TW® Artemide Tunable White

W	Beam	Flux	CCT	APP Code
62 W	XF	Warm - 3554 lm Cold - 3775 lm	2700K-6500K	**2031030APP**
25W (spot)	F (22°)	1465 lm	3000K	





Vertical Installation



Horizontal Installation

Optional control devices - BLL wireless switch

Device for switching and controlling Artemide App products.
Max N.3 inputs for external push buttons.
Mains power supply required.
To be installed inside flush mounting boxes or junction boxes.

DV1080APP

Discovery Floor

Ernesto Gismondi
2020

Discovery floor is brought to the essential. The technological innovation applied to the emitting surface enclosed by a black frame becomes the only element that constitutes this floor lamp. The dimensions are re-proportioned with respect to the suspended versions so that it can fit perfectly into any environment simply by leaning freely against the walls in an inclined position.

La Biennale di Venezia, Venice, Italy, Ph. Andrea Pugiotto | 2021

Black

30.

XF

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

MacAdam 3SDCM
Life L90 (6K) 50000h
CRI =80

IP20

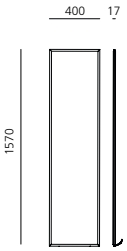
DISCOVERY FLOOR TW

TW® Artemide Tunable White

W	Beam	Flux	CCT	PUSH & APP Code
61 W	XF	Warm - 2400 lm Cold - 2527 lm	2700K-6500K	**20400.**30.**APP**

DISCOVERY FLOOR RGBW

W	Beam	Flux	CCT	PUSH & APP Code
56 W	XF	RGB 1036 lm White 1817 lm		**20410.**30.**APP**

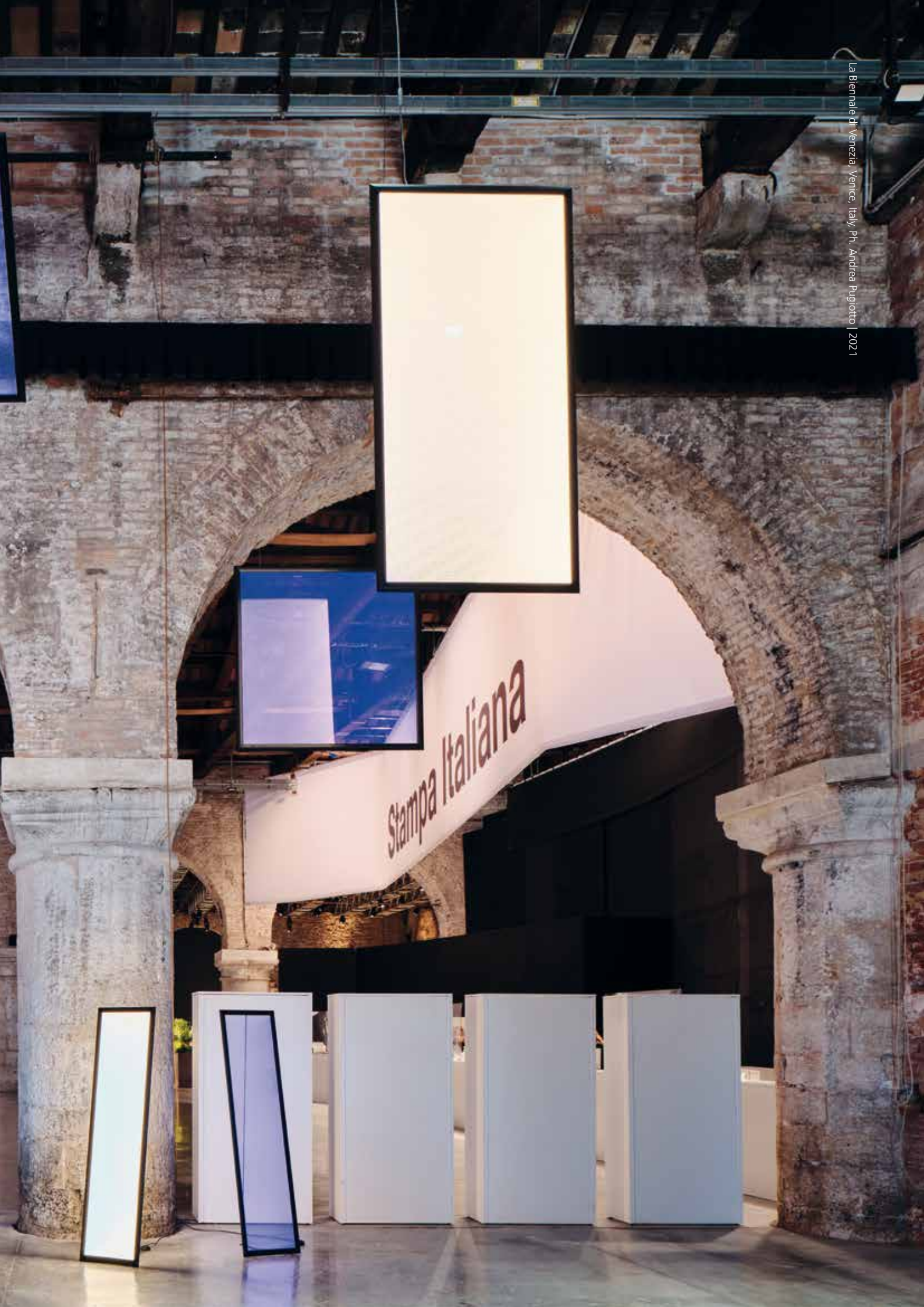


Optional control devices - BLL wireless switch

Device for switching and controlling Artemide App products.
Max N.3 inputs for external push buttons.
Mains power supply required.
To be installed inside flush mounting boxes or junction boxes.

DV1080APP

Press Roo
la Stampa



La Biennale di Venezia, Venice, Italy, Ph. Andrea Pugiotto | 2021

Discovery
is INTEGRALIS®

INTEGRALIS® is an innovative light, perfectly integrated into the products of the Artemide collections, that sanitizes spaces.

INTEGRALIS® combines sanitizing efficacy with luminous performance and design beauty.

It also integrates itself in both the environments and moments of life by interpreting the rhythms and needs of mankind.

INTEGRALIS® is managed by Artemide App, a digital interaction system accessible to all.

INTEGRALIS® was born from Artemide's scientific and technological research and humanistic and social vision.

INTEGRALIS® is a project that associates and integrates the visible and invisible spectral range in an innovative formula capable of regenerating the environmental qualities of the space.

PATENT PENDING

INTEGRALIS®

A light for a safe environment

Discover INTEGRALIS® collection on artemide.com

Discovery Family 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

Artemide®

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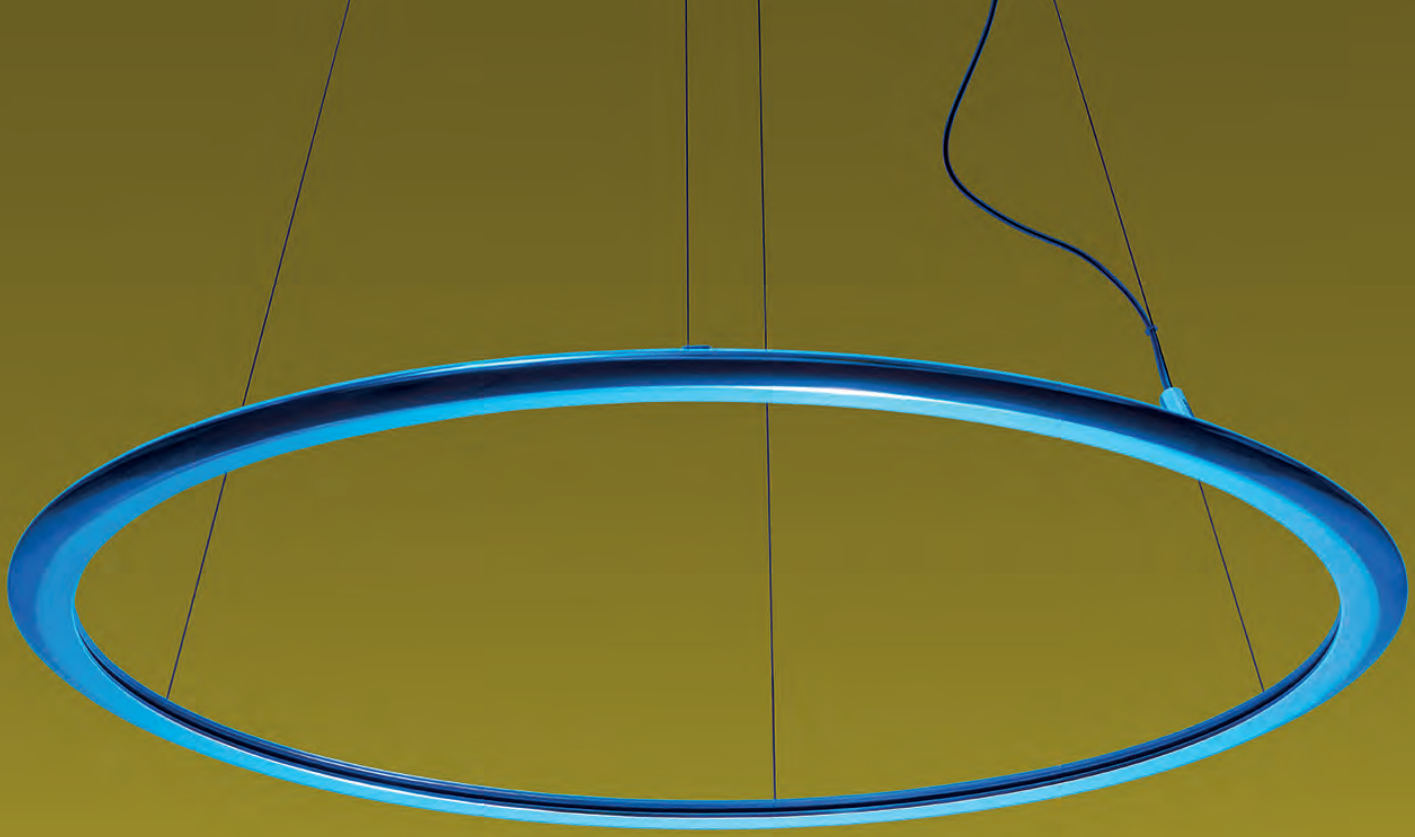

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