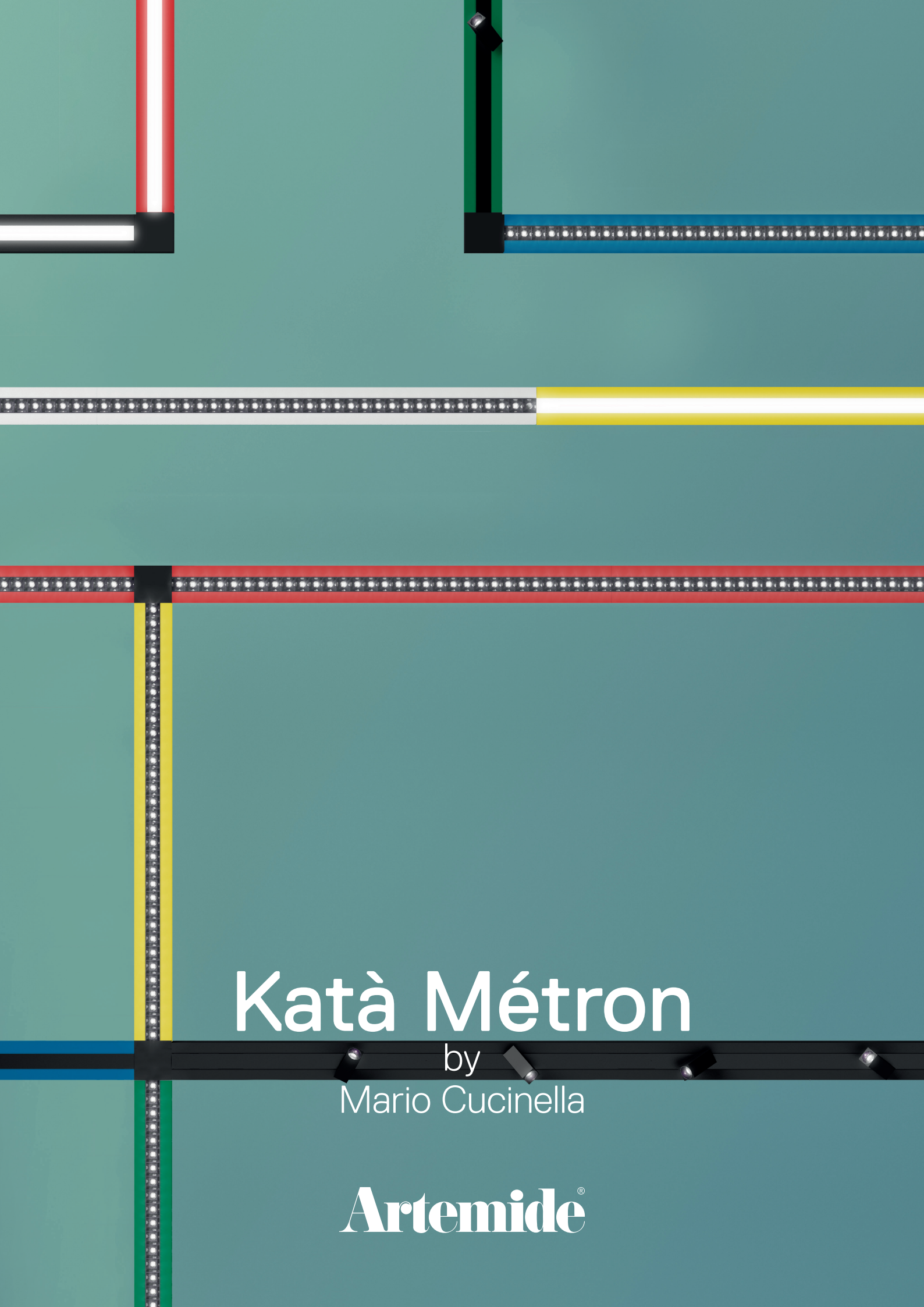




Katà Métron

by
Mario Cucinella

Artemide®

Katà Métron

Mario Cucinella
2022

“Katà Métron makes it possible to create lighting micro architectures that can be adapted to any space, shape and size. Together with Artemide, we have created an object capable of organising and redefining the space that surrounds us according to the most disparate needs”.

Mario Cucinella

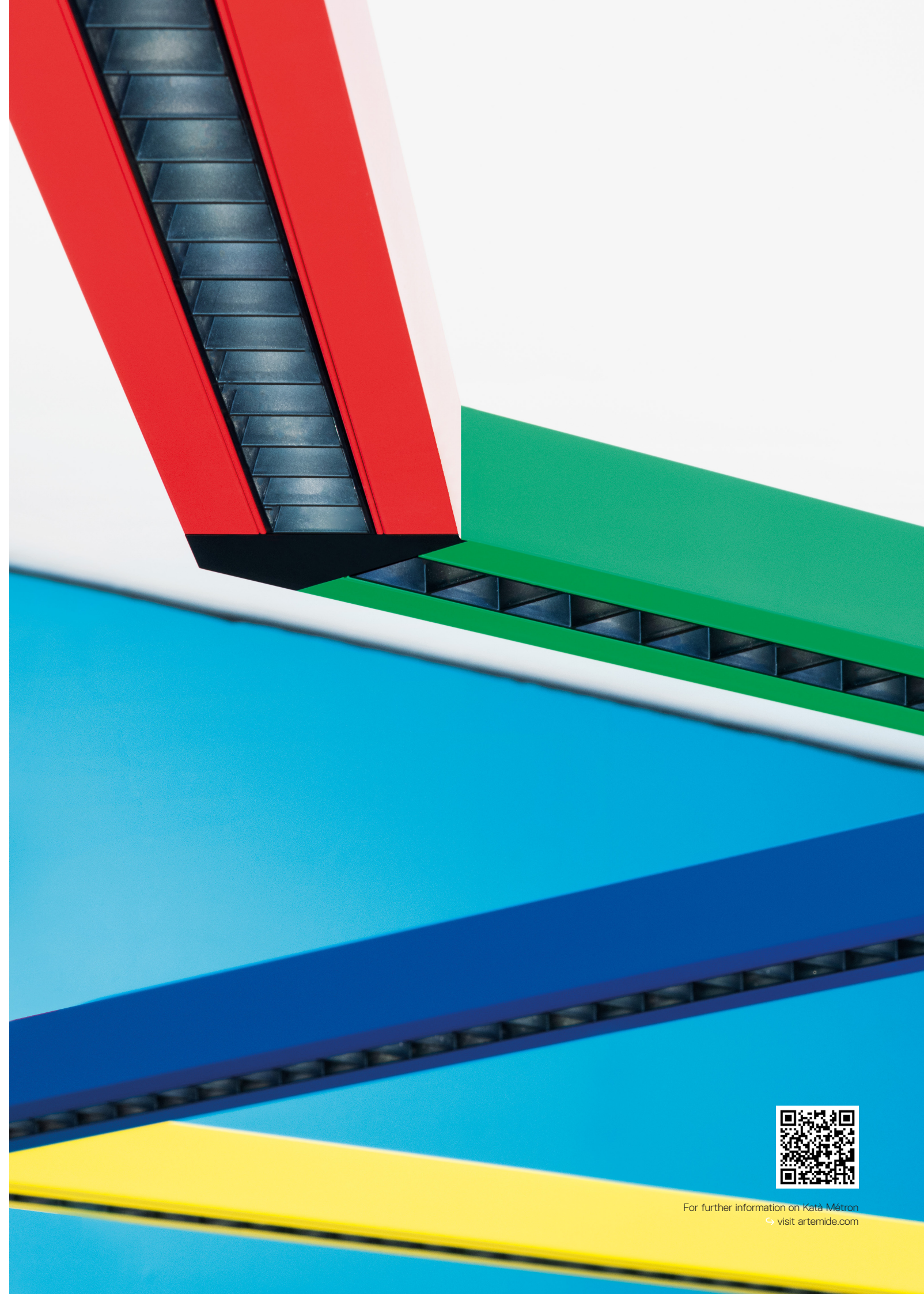
→ PATENT OF INVENTION: SHARP REFRACTIVE OPTICS



Artemide
App
↪ on request



For further information on Katà Métron
↪ visit [artemide.com](https://www.artemide.com)



Katà Métron is the “right measure” of light in space

Katà Métron finds inspiration in the relationship that lies at the heart of art, architecture and philosophy: measurement.

The Greek expression “katà métron” means “according to the right measure”. Modular lighting elements permit the creation of an infinite number of combinations and shapes, allowing the design of lighting scenarios that are tailored with respect to the spaces and to the needs of the activities that take place in them.





Refractive

PATENT OF
INVENTION



Katà Métron refractive
592, 1184, 2368 x 105 x 50 mm
Total Power: 35W
3000K/4000K

Diffused



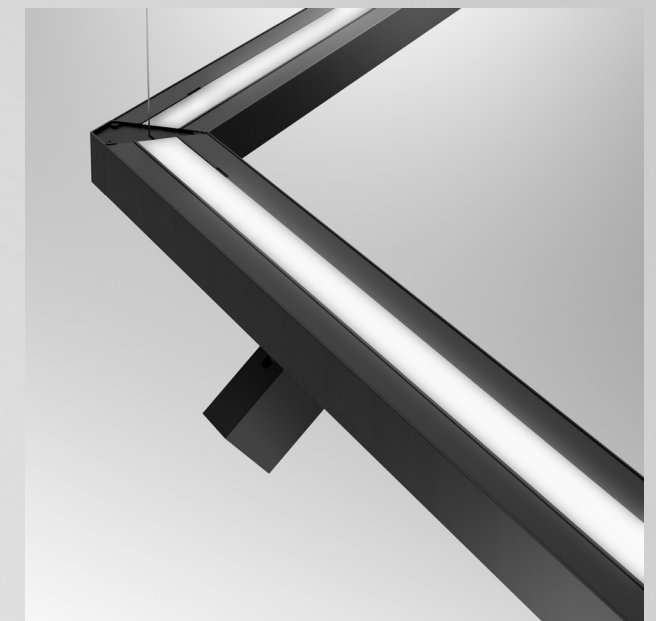
Katà Métron diffused
592, 1184, 2368 x 105 x 50 mm
Total Power: 34W
3000K/4000K

Spot and pendant



Katà Métron spot & pendant
1184 x 105 x 50 mm
max 4 spots/pendants
2700K/3000K/4000K

Indirect diffused



Katà Métron indirect diffused
592, 1184, 2368 x 105 x 50 mm
Total Power: 23W
3000K/4000K

Katà Métron infrastructure

Integrating different performances

- Body

○

 White

●

 Black

●

 Red

●

 Blue

●

 Green

●

 Yellow

Optics

●

 Black

Linear elements - Refractive emission

- 592 mm
- 1184 mm
- 2368 mm

Linear elements - Diffused emission

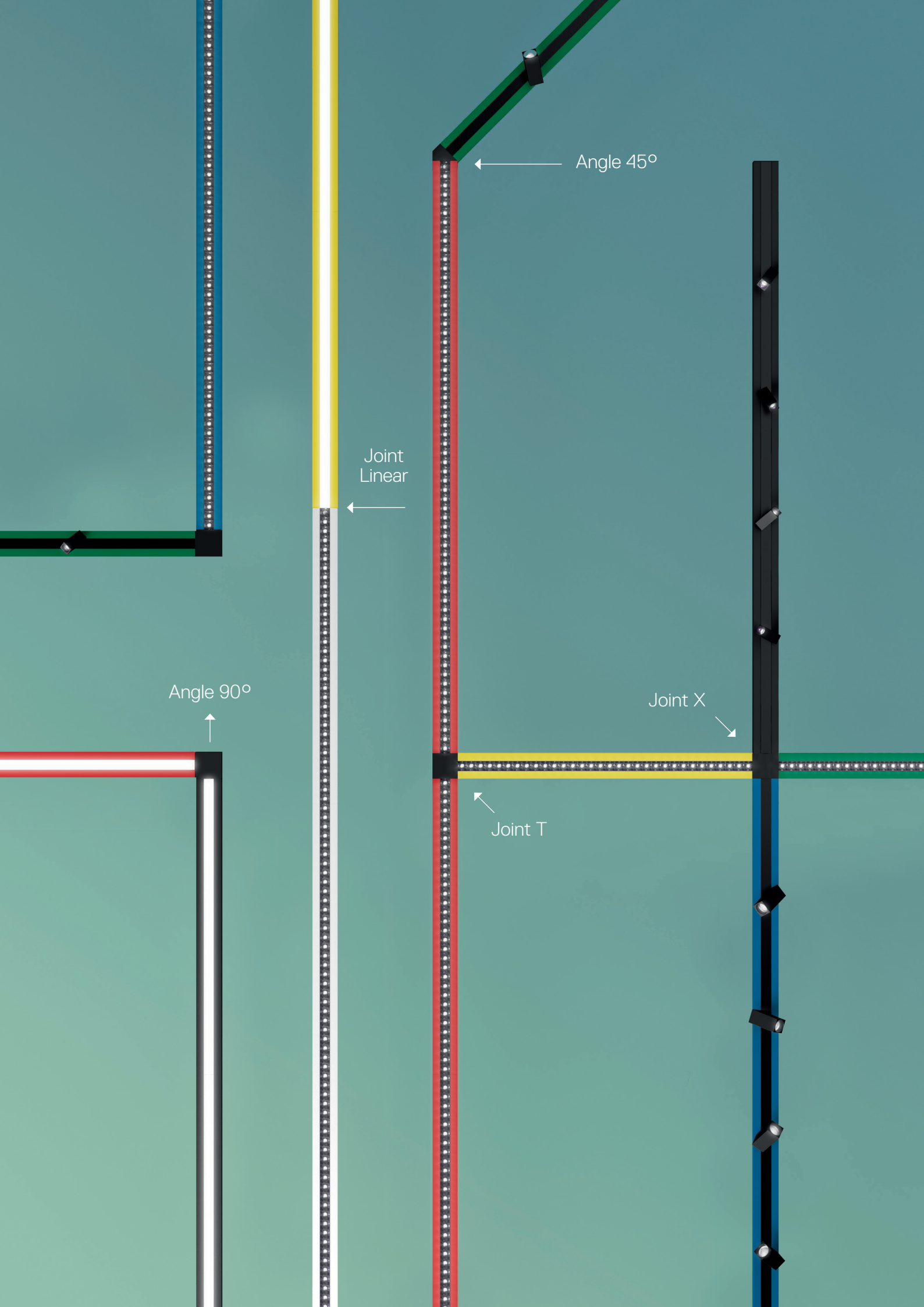
- 592 mm
- 1184 mm
- 2368 mm

Linear elements - Spot and pendant emission

- 1184 mm

Linear elements - Indirect diffused emission

- 592 mm
- 1184 mm
- 2368 mm



Katà Métron is fully addressable

Each lighting appliance can be managed separately by Artemide App or by DALI control.



White

Blue

Black

Red

Green

Yellow

01.

02.

04.

08.

09.

17.

CRI = 90

IP20

Refractive Element Direct Emission			
Length	W	Flux	CCT
592 mm	17,5 W	2240 lm	3000K
		2360 lm	4000K
1184 mm	35 W	4480 lm	3000K
		4720 lm	4000K
2368 mm	70 W	8965 lm	3000K
		9440 lm	4000K

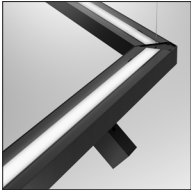
Refractive Element Direct and Indirect Emission			
Length	W	Flux	CCT
592 mm	17,5 W direct 5,5 W indirect	2240 lm direct	3000K
		780 lm indirect	
		2360 lm direct	4000K
		780 lm indirect	
1184 mm	35 W direct 16,5 W indirect	4480 lm direct	3000K
		2354 lm indirect	
		4720 lm direct	4000K
		2345 lm indirect	
2368 mm	70 W direct 33 W indirect	8965 lm direct	3000K
		4690 lm indirect	
		9440 lm direct	4000K
		4690 lm indirect	

Louvres	
Length	Color
592 mm	○●
1184 mm	○●
2368 mm	○●

Dimmable DALI	
Code	
KA311.01/02/04/08/09/17	
KA331.01/02/04/08/09/17	
KA411.01/02/04/08/09/17	
KA431.01/02/04/08/09/17	
KA511.01/02/04/08/09/17	
KA531.01/02/04/08/09/17	



Dimmable DALI	
Code	
KB311.01/02/04/08/09/17	
KB331.01/02/04/08/09/17	
KB411.01/02/04/08/09/17	
KB431.01/02/04/08/09/17	
KB511.01/02/04/08/09/17	
KB531.01/02/04/08/09/17	



Refractive emission

- Refractive lens collects 100% of the LED luminous flux
- High efficiency more than 90%
- High efficacy 154 lm/W
- Extreme glare control UGR<19 Luminance<3000 cd/m² @ 65°

White

Blue

Black

Red

Green

Yellow

01.

02.

04.

08.

09.

17.

CRI = 90

IP20

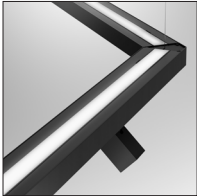
Diffused Element Direct Emission			
Length	W	Flux	CCT
592 mm	11 W	1220 lm	3000K
			4000K
1184 mm	22 W	2445 lm	3000K
			4000K
2368 mm	44 W	4890 lm	3000K
			4000K

Diffused Element Direct and Indirect Emission			
Length	W	Flux	CCT
592 mm	11 W direct	1220 lm direct	3000K
	5,5 W indirect	780 lm indirect	4000K
1184 mm	22 W direct	2445 lm direct	3000K
	16,5 W indirect	2345 lm indirect	4000K
2368 mm	44 W direct	4890 lm direct	3000K
	33 W indirect	4690 lm indirect	4000K

Dimmable DALI	
Code	
KA011	.01/02/04/08/09/17
KA031	.01/02/04/08/09/17
KA111	.01/02/04/08/09/17
KA131	.01/02/04/08/09/17
KA211	.01/02/04/08/09/17
KA231	.01/02/04/08/09/17

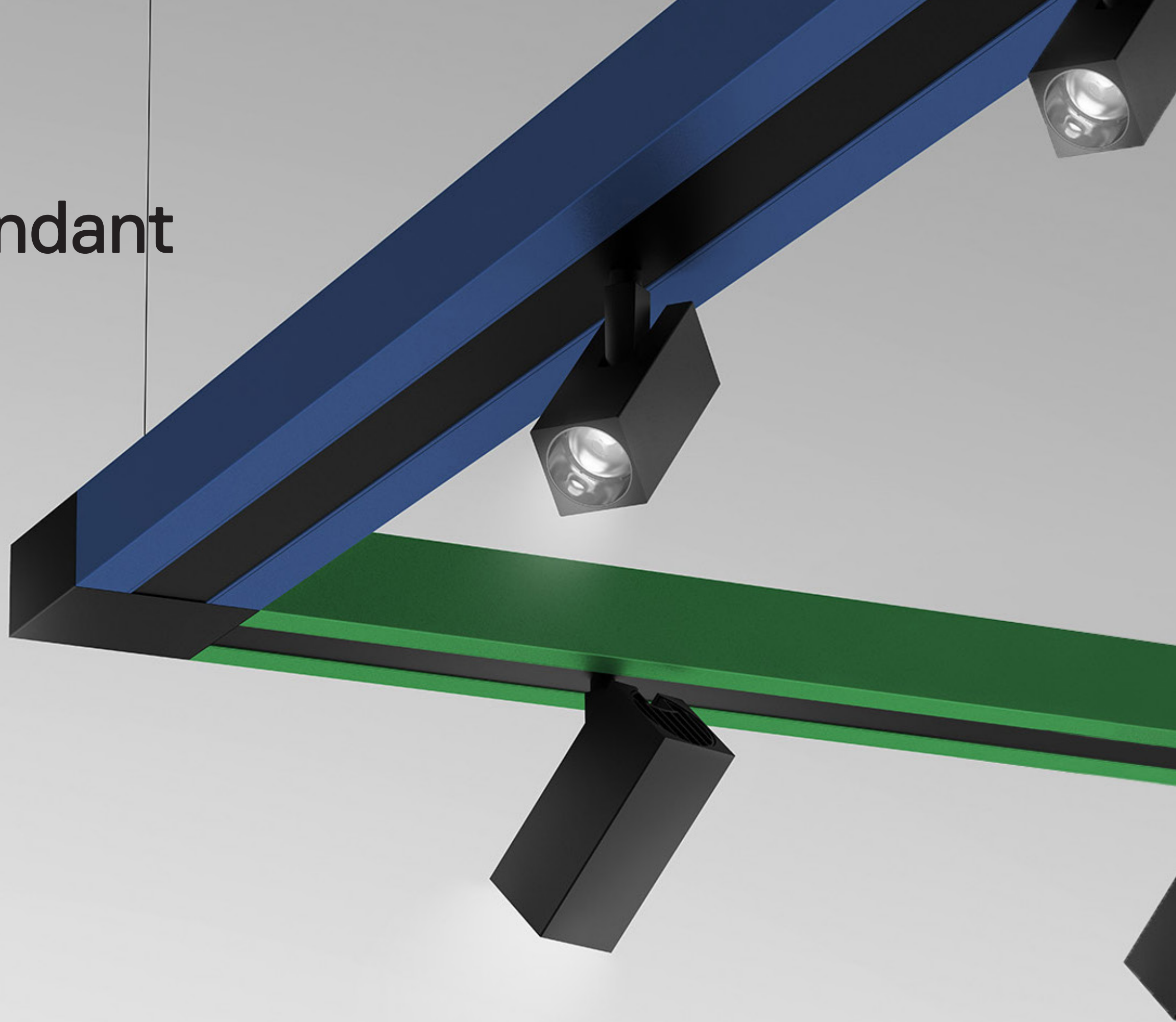


Dimmable DALI	
Code	
KB011	.01/02/04/08/09/17
KB031	.01/02/04/08/09/17
KB111	.01/02/04/08/09/17
KB131	.01/02/04/08/09/17
KB211	.01/02/04/08/09/17
KB231	.01/02/04/08/09/17



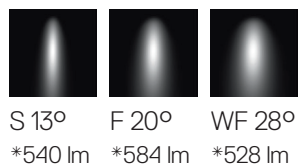
Diffused emission

Spot & Pendant emission

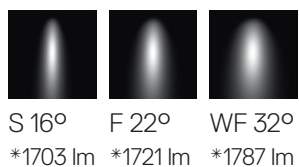


Spot & pendant

→ **Katà Métron spot & pendant 40**
40 x 40 x 103 mm
Total Power: 9W
3000K*/4000K



→ **Katà Métron spot & pendant 55**
55 x 55 x 130 mm
Total Power: 23W
3000K*/4000K

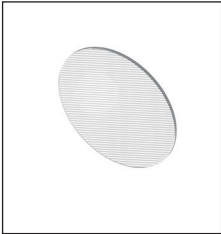


Spot & pendant accessories

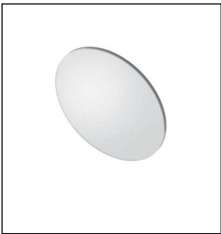
→ **A unique universal holder**
for all optical accessories
(up to 2 filters together)



Accessories holder



Elliptical filter

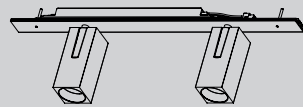
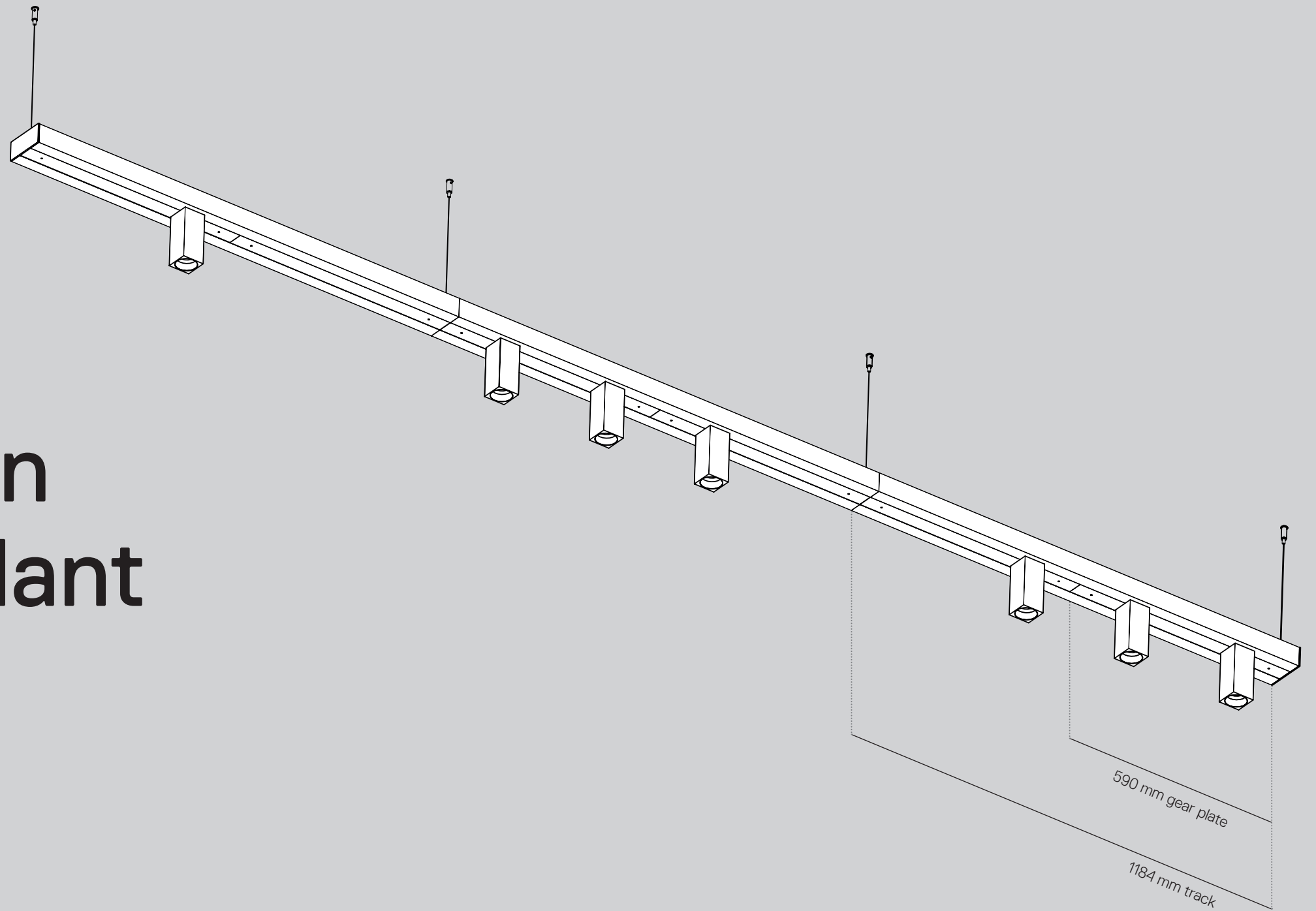


Soft filter

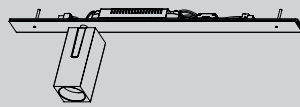


Anti dazzle louvre

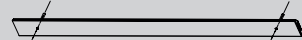
Gear disposition on spot & pendant track



→ Gear plate x 2
2 x spots 40
2 x spots 55
2 x pendants 40
2 x pendants 55



→ Gear plate x 1
1 x spot 40
1 x spot 55
1 x pendant 40
1 x pendant 55



→ Plate without
spot/pendant

→ One track of 1184 mm can
be composed by 2 gear plates

↪ KATÀ MÉTRON SPOT & PENDANT TRACK

White

Blue

Black

Red

Green

Yellow

01.

02.

04.

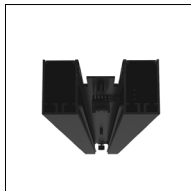
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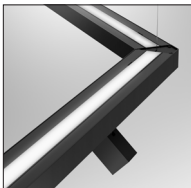
09.

17.

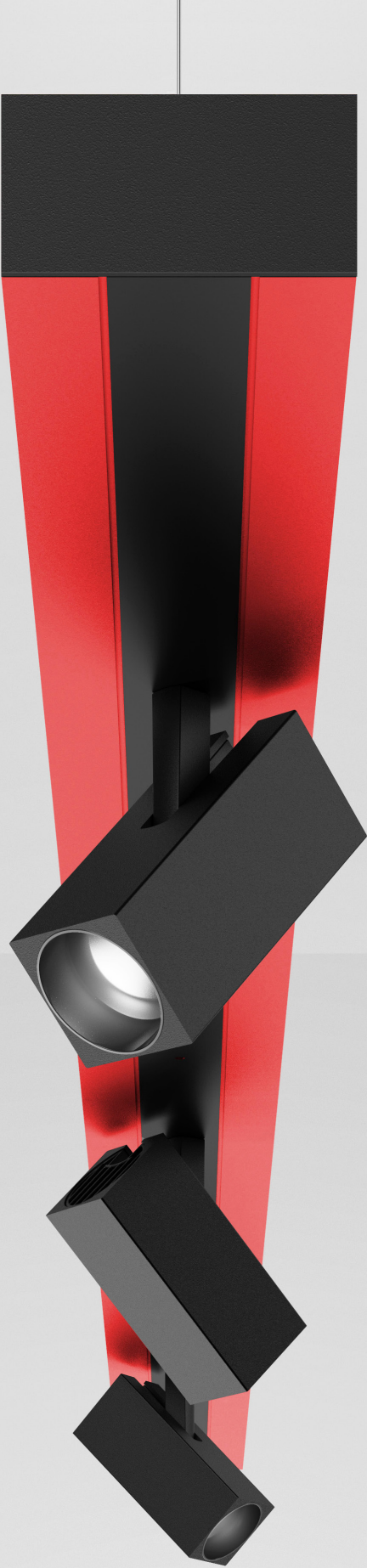
CRI = 90

IP20

Track		Code		
Length	1184 mm	KA791.01/02/04/08/09/17		

Track + Indirect Diffused Emission		Code		
Length	CCT	KB711.01/02/04/08/09/17		
1184 mm	3000K	KB731.01/02/04/08/09/17		
	4000K			

Gear without spot/pendant		Code		
Length	Color	KZ84004		
590 mm	●			



↪ SPOT KATÀ MÉTRON

Black

04.

SP

FL

WF

CRI = 90

IP20

90°

360°

SPOT 1x40

Dimmable DALI				
W	Beam	Flux	CCT	Color
9 W	SP 14°	544 lm	2700K	●
		541 lm	3000K	●
		541 lm	4000K	●
	FL 21°	543 lm	2700K	●
		584 lm	3000K	●
		626 lm	4000K	●
	WF 28°	491 lm	2700K	●
		529 lm	3000K	●
		566 lm	4000K	●



SPOT 2x40

Dimmable DALI				
W	Beam	Flux	CCT	Color
18 W	SP 14°	2x 544 lm	2700K	●
		2x 541 lm	3000K	●
		2x 541 lm	4000K	●
	FL 21°	2x 543 lm	2700K	●
		2x 584 lm	3000K	●
		2x 626 lm	4000K	●
	WF 28°	2x 491 lm	2700K	●
		2x 529 lm	3000K	●
		2x 566 lm	4000K	●



Accessories		
	Color	Code
	●	AP90100
		AP90200
		AP90300
	●	AP90400

↪ SPOT KATÀ MÉTRON

Black

04.

SP

FL

WF

CRI = 90

IP20

90°

360°

SPOT 1x55

Dimmable DALI				
W	Beam	Flux	CCT	Color
23 W	SP 15°	1703 lm	2700K	●
		1706 lm	3000K	●
		1729 lm	4000K	●
	FL 22°	1654 lm	2700K	●
		1721 lm	3000K	●
		1748 lm	4000K	●
	WF 31°	1717 lm	2700K	●
		1787 lm	3000K	●
		1815 lm	4000K	●



SPOT 2x55

Dimmable DALI				
W	Beam	Flux	CCT	Color
46 W	SP 15°	2x 1703 lm	2700K	●
		2x 1706 lm	3000K	●
		2x 1729 lm	4000K	●
	FL 22°	2x 1654 lm	2700K	●
		2x 1721 lm	3000K	●
		2x 1748 lm	4000K	●
	WF 31°	2x 1717 lm	2700K	●
		2x 1787 lm	3000K	●
		2x 1815 lm	4000K	●



Accessories		
	Color	Code
	●	AP91100
		AP91200
		AP91300
	●	AP91400

↪ PENDANT KATÀ MÉTRON

Black

04.

SP

FL

WF

CRI = 90

IP20

PENDANT 1x40

Dimmable DALI				
W	Beam	Flux	CCT	Color
9 W	SP 14°	544 lm	2700K	●
		541 lm	3000K	●
		541 lm	4000K	●
	FL 21°	543 lm	2700K	●
		584 lm	3000K	●
		626 lm	4000K	●
	WF 28°	491 lm	2700K	●
		529 lm	3000K	●
		566 lm	4000K	●
	Code			
	KZ20004			
	KZ21004			



PENDANT 2x40

Dimmable DALI				
W	Beam	Flux	CCT	Color
18 W	SP 14°	2x 544 lm	2700K	●
		2x 541 lm	3000K	●
		2x 541 lm	4000K	●
	FL 21°	2x 543 lm	2700K	●
		2x 584 lm	3000K	●
		2x 626 lm	4000K	●
	WF 28°	2x 491 lm	2700K	●
		2x 529 lm	3000K	●
		2x 566 lm	4000K	●
	Code			
	KZ60004			
	KZ61004			



Accessories		40
	Color	Code
	●	AP90100
		AP90200
		AP90300
	●	AP90400

↪ PENDANT KATÀ MÉTRON

Black

04.

SP

FL

WF

CRI = 90

IP20

PENDANT 1x55

Dimmable DALI				
W	Beam	Flux	CCT	Color
23 W	SP 15°	1636 lm	2700K	●
		1703 lm	3000K	●
		1729 lm	4000K	●
	FL 22°	1654 lm	2700K	●
		1721 lm	3000K	●
		1748 lm	4000K	●
	WF 31°	1717 lm	2700K	●
		1787 lm	3000K	●
		1815 lm	4000K	●
	Code			
	KZ40004			
	KZ41004			



PENDANT 2x55

Dimmable DALI				
W	Beam	Flux	CCT	Color
46 W	SP 15°	2x 1636 lm	2700K	●
		2x 1703 lm	3000K	●
		2x 1729 lm	4000K	●
	FL 22°	2x 1654 lm	2700K	●
		2x 1721 lm	3000K	●
		2x 1748 lm	4000K	●
	WF 31°	2x 1717 lm	2700K	●
		2x 1787 lm	3000K	●
		2x 1815 lm	4000K	●
	Code			
	KZ80004			
	KZ81004			



Accessories		55
	Color	Code
	●	AP91100
		AP91200
		AP91300
	●	AP91400

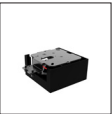
↪ KATÀ MÉTRON ANGLE ELEMENTS & JOINTS

Black

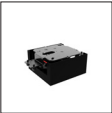
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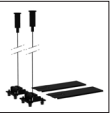
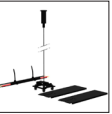
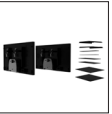
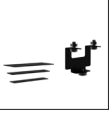
IP20

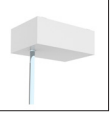
ANGLE ELEMENTS

Angle elements			
		Color	Code
	Suspension 45° 2 exits	●	KZ84005
	Ceiling 45° 2 exits	●	KZ01904
	Suspension 90° 2 exits	●	KZ04006
	Ceiling 90° 2 exits	●	KZ02304

JOINTS

Joints			
		Color	Code
	Suspension linear Joints 2 exits	●	KZ02004
	Ceiling linear Joints 2 exits	●	KZ02404
	Suspension T Joints 3 exits	●	KZ01840
	Ceiling T Joints 3 exits	●	KZ02204
	Suspension X Joints 4 exits	●	KZ01704
	Ceiling X Joints 4 exits	●	KZ02104

Accessories			
			Code
	Suspension Kit End modules		KZ01004
	Suspension Kit Intermediate joint elements		KZ01104
	Ceiling Kit End modules		KZ01204
	Ceiling Kit Intermediate joint elements		KZ01304
	End Caps Refractive, spot and pendant modules		KZ01404
	End Caps Diffused modules		KZ01504
	Coverwires and joints Diffused modules		KZ01604

Power supply	DALI	Dimmable APP
	Code	Code
	KZ02504	KZ02604



Katà Métron 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

White INTEGRALIS



INTEGRALIS®

A light for a safe environment



Discover INTEGRALIS® collection on [artemide.com](https://www.artemide.com)



Headquarters

Artemide S.p.A.

Via Bergamo, 18
20006 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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