



Katà Métron

Mario Cucinella

Artemide®

Katà Métron

Mario Cucinella
2022

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

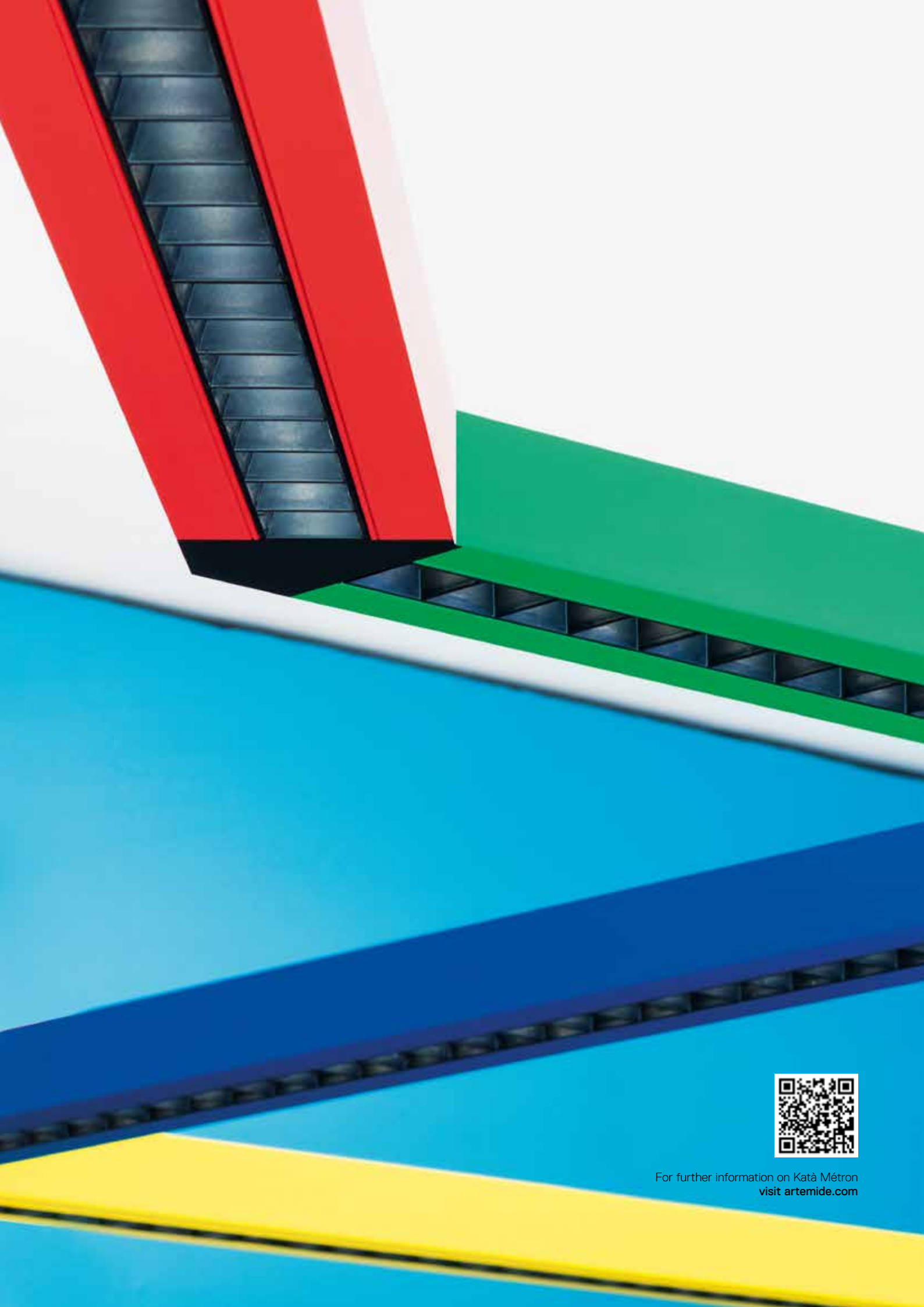
The Greek expression “katà métron” means “according to the right measure”. Modular lighting elements permit the creation of an infinite number of combinations and shapes, allowing the design of lighting scenarios that are tailored with respect to the spaces and to the needs of the activities that take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

Katà Métron thus defines the “right measurement” not only with respect to the spatial layouts but also allowing the dynamism of the setting and activities thanks to the management via Artemide App. The system becomes even more an expression of a sustainable intelligence, attentive to a positive energy balance.


PATENT OF INVENTION: SHARP REFRACTIVE OPTICS



ARTEMIDE
APP



For further information on Katà Métron
visit artemide.com



“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







Refractive

PATENT OF
INVENTION

Diffused



Katà Métron refractive

592, 1184, 2368 x 105 x 50 mm
3000K/4000K

Katà Métron diffused

592, 1184, 2368 x 105 x 50 mm
3000K/4000K

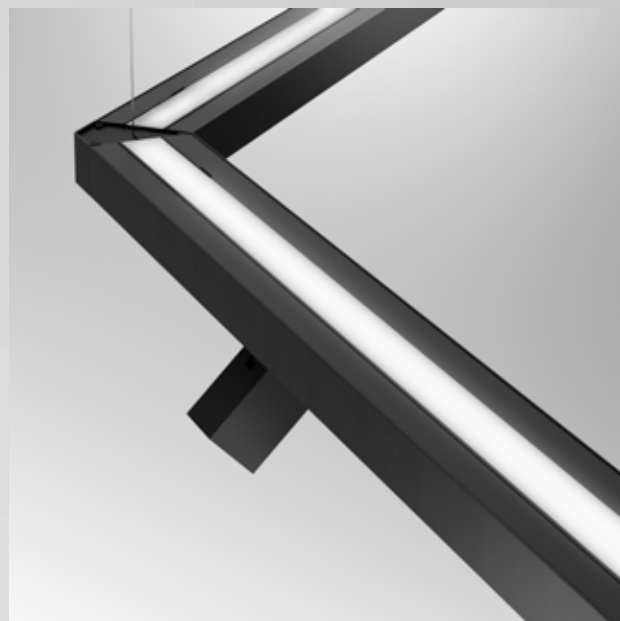


Spot and pendant



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
3000K/4000K

Katà Métron infrastructure

Integrating different performances

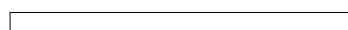
Body

- White
- Black
- Red
- Blue
- Green
- Yellow

Louvres

- Black

Linear elements - Refractive emission



592 mm



1184 mm



2368 mm

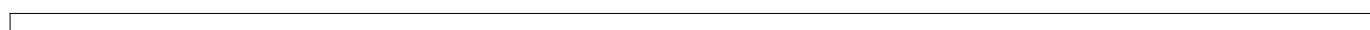
Linear elements - Diffused emission



592 mm

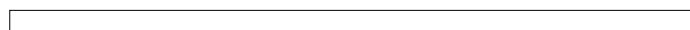


1184 mm



2368 mm

Linear elements - Spot and pendant emission

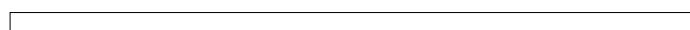


1184 mm

Linear elements - Indirect diffused emission



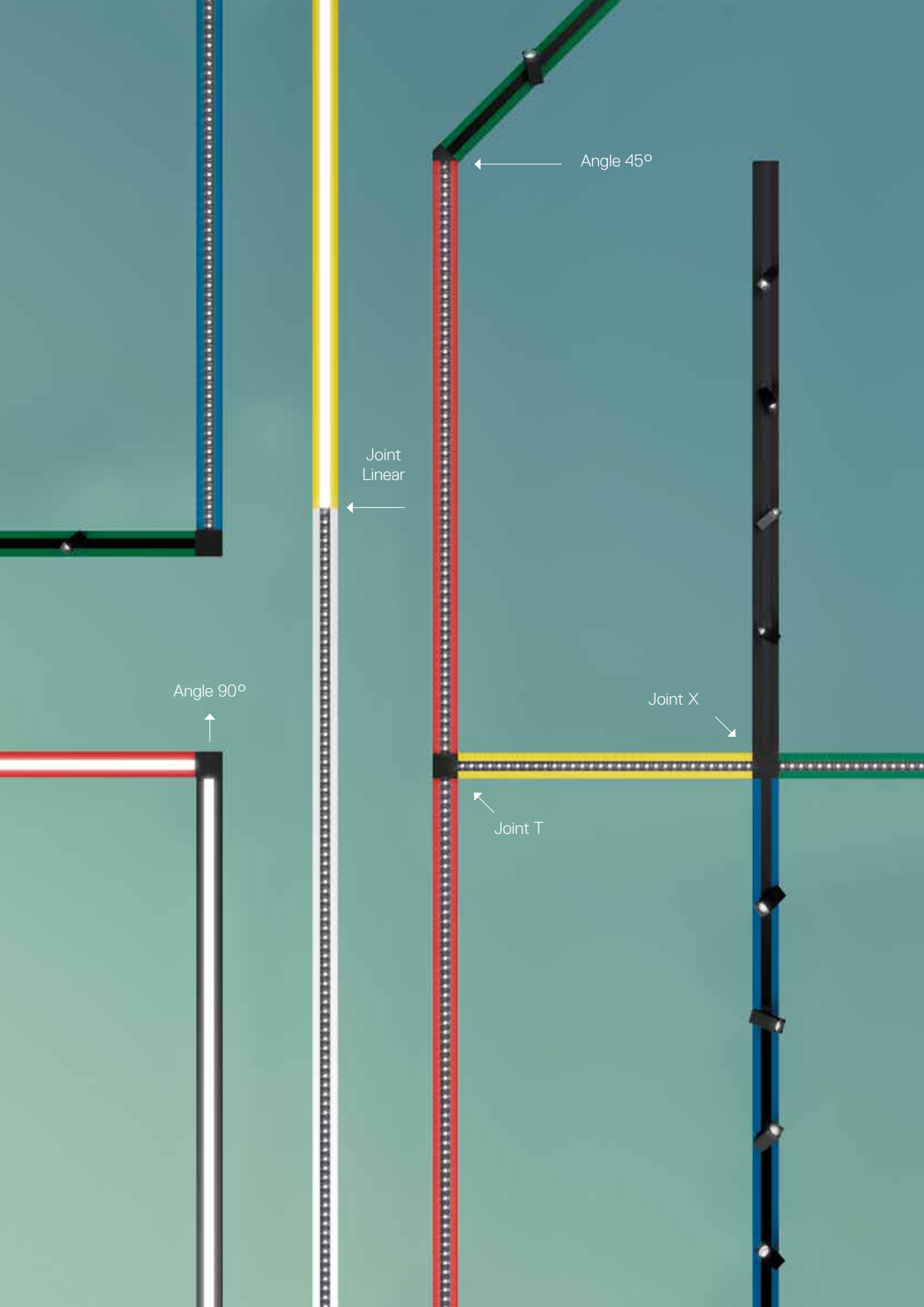
592 mm



1184 mm



2368 mm





ADDRESS
4

Katà Métron is fully addressable

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



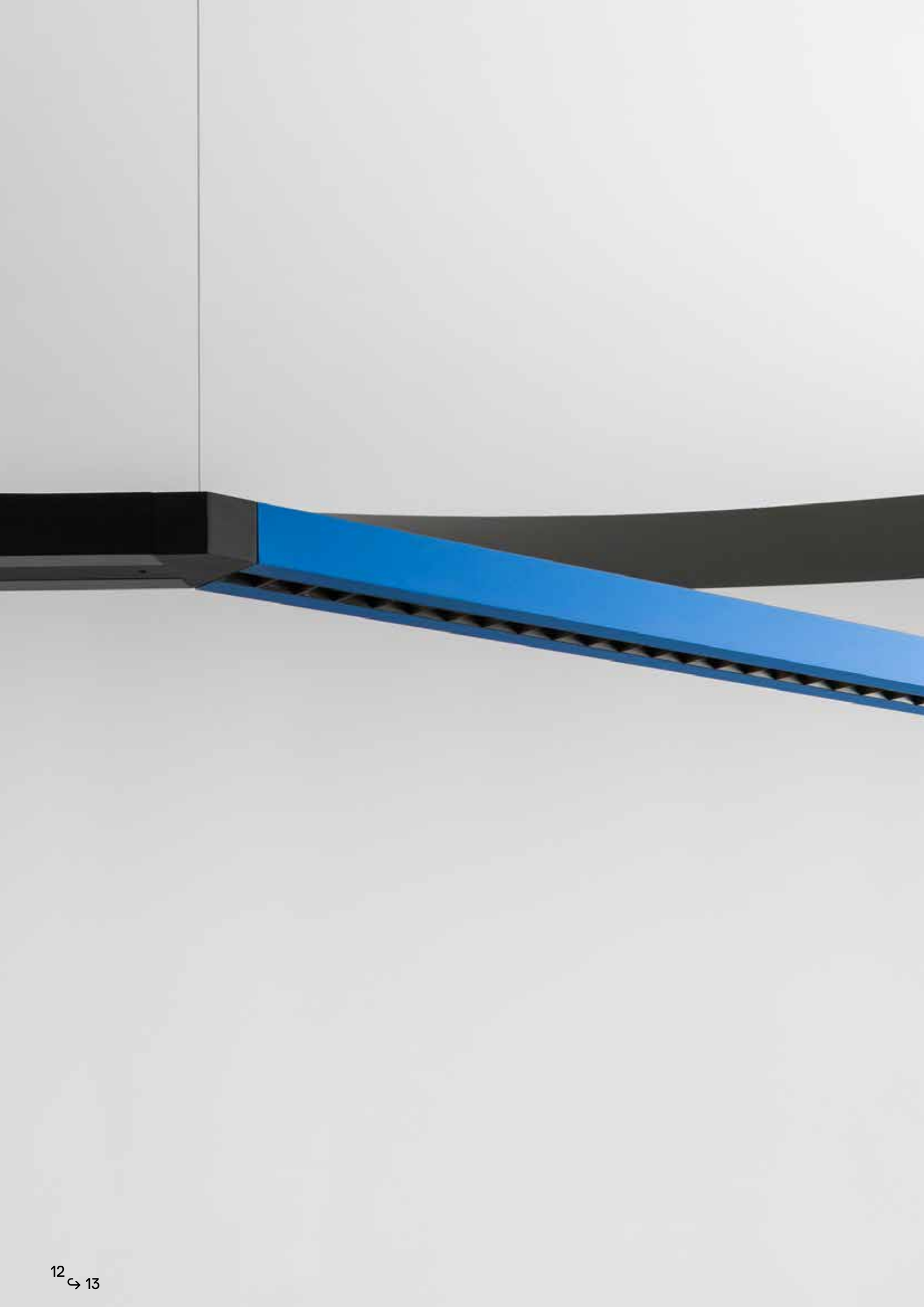
ADDRESS
1

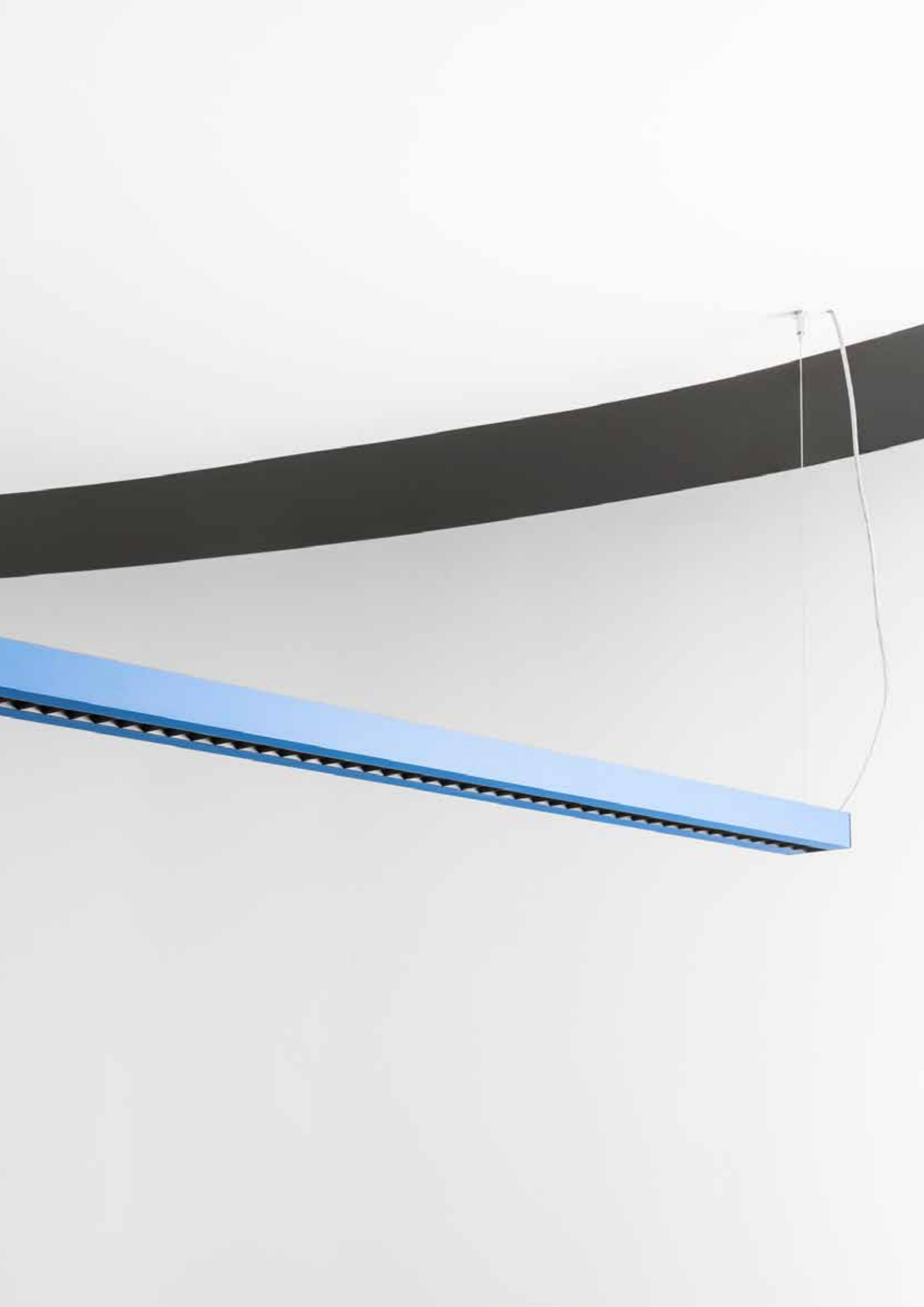
ADDRESS
2

ADDRESS
3

ADDRESS
5







Refractive emission



Refractive lens

collects 100% of the LED
luminous flux

High efficiency

more than 80%

High efficacy

136 lm/W

Extreme glare control

UGR<19

Luminance<3000 cd/m² @ 65°

KATÀ MÉTRON - REFRACTIVE EMISSION

White Blue Black Red Green Yellow

01. 02. 04. 08. 09. 17.

* Driver uses 1 DALI address
 ** Drivers use 2 DALI addresses
 *** Drivers use 3 DALI addresses

MacAdam 3SDCM
 Life L70 (10K) 50000h
 CRI =90

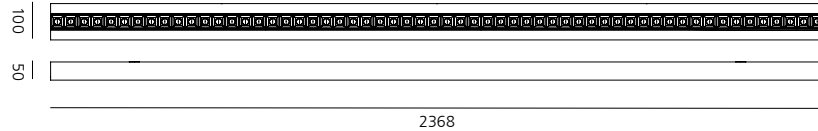
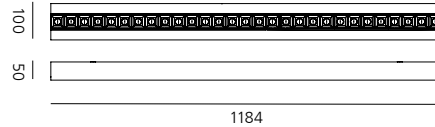
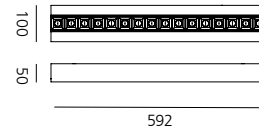
IP20

Refractive Element Direct Emission

Length	W	Flux	CCT
592 mm	19 W	2230 lm	3000K
		2379 lm	4000K
1184 mm	36 W	4460 lm	3000K
		4757 lm	4000K
2368 mm	73 W	8920 lm	3000K
		9514 lm	4000K

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

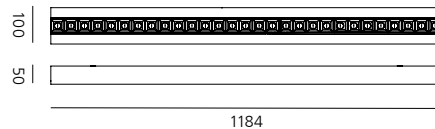
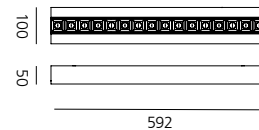
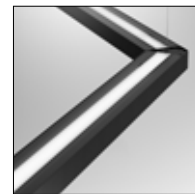


Refractive Element Direct and Indirect Emission

Length	W	Flux	CCT
592 mm	19 W direct	2230 lm direct	3000K
	6 W indirect	777 lm indirect	
		2379 lm direct	4000K
1184 mm	36 W direct	4460 lm direct	3000K
	18 W indirect	2331 lm indirect	
		4757 lm direct	4000K
2368 mm	73 W direct	8920 lm direct	3000K
	33 W indirect	4662 lm indirect	
		9514 lm direct	4000K
		4662 lm indirect	

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



Louvres

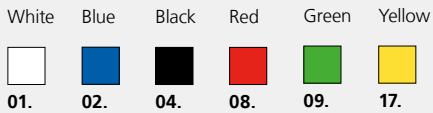
Length	Color
592 mm	●
1184 mm	●
2368 mm	●

Code
BZ07404
BZ05904
BZ06104



Diffused emission

KATÀ MÉTRON - DIFFUSED EMISSION



* Driver uses 1 DALI address
 ** Drivers use 2 DALI addresses

MacAdam 3SDCM
 Life L70 (17K) 102000h
 CRI =90

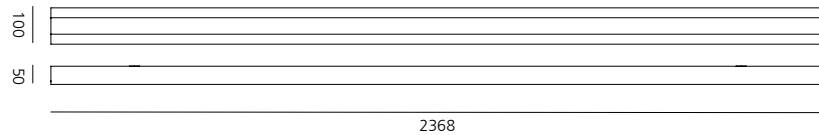
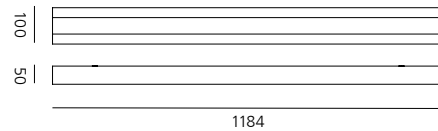
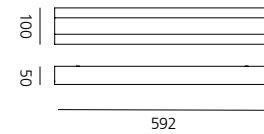
IP20

Diffused Element Direct Emission

Length	W	Flux ¹	CCT
592 mm	12 W	1659 lm	3000K
			4000K
1184 mm	23 W	3318 lm	3000K
			4000K
2368 mm	44 W	6637 lm	3000K
			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

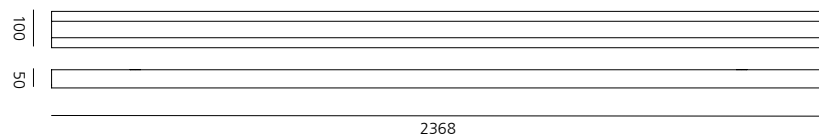
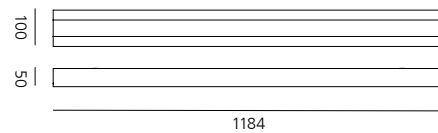
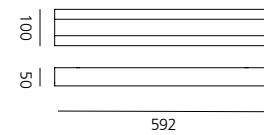
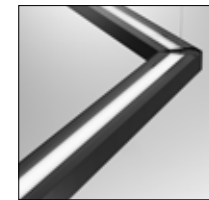


Diffused Element Direct and Indirect Emission

Length	W	Flux ¹	CCT
592 mm	12 W direct 6 W indirect	1659 lm direct 777 lm indirect	3000K
			4000K
1184 mm	23 W direct 18 W indirect	3318 lm direct 2331 lm indirect	3000K
			4000K
2368 mm	44 W direct 33 W indirect	6637 lm direct 4662 lm indirect	3000K
			4000K

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

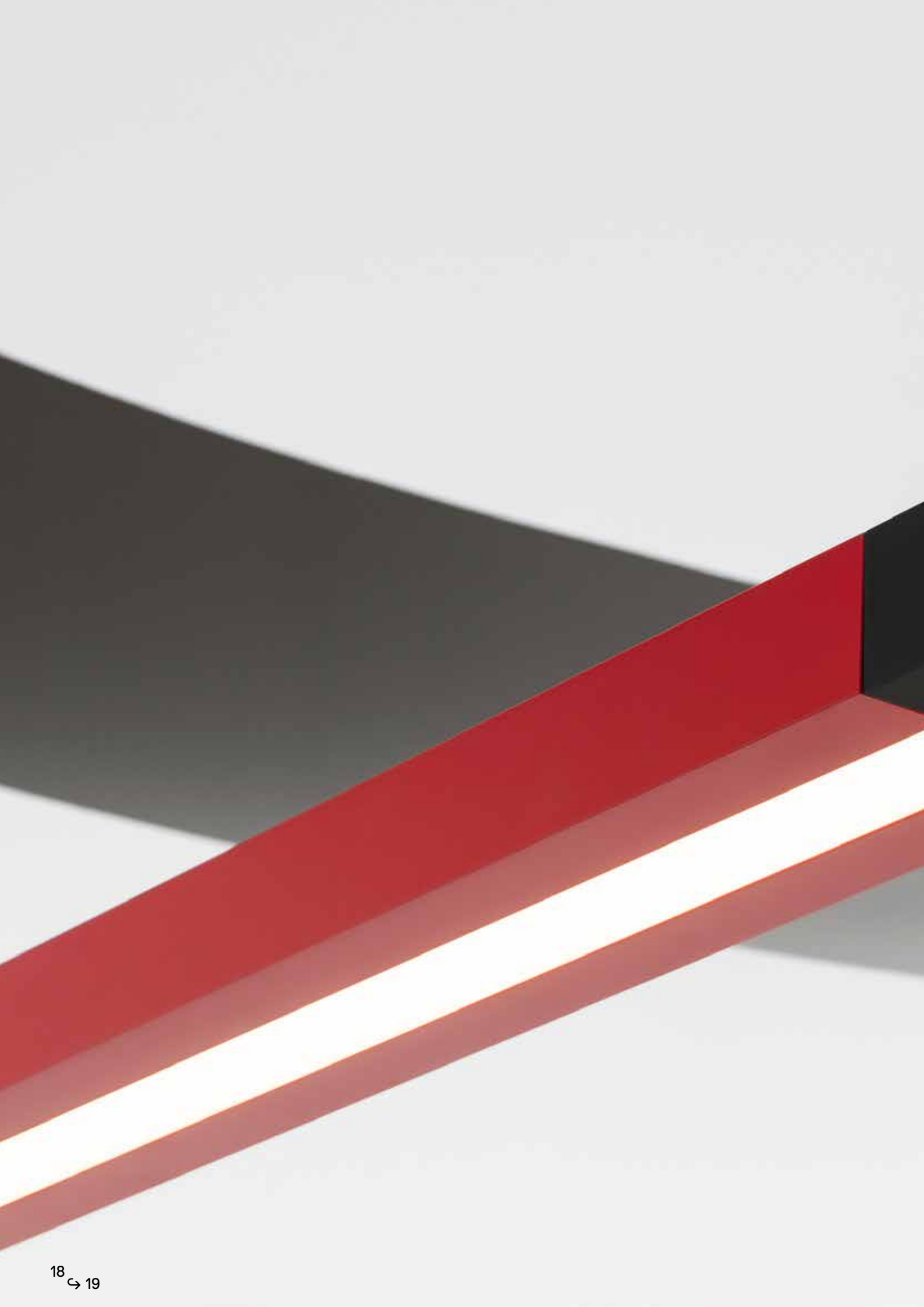


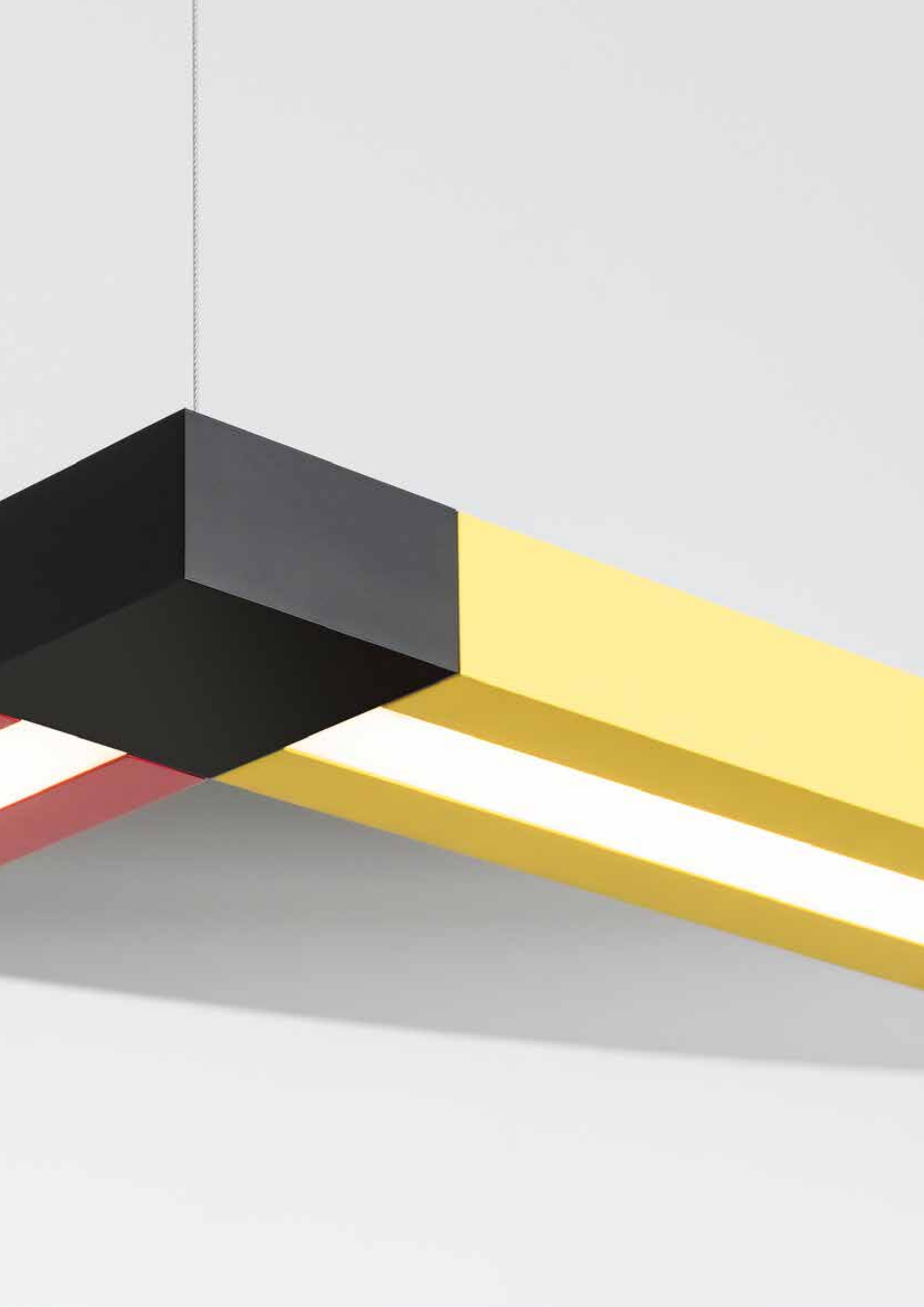
Opal diffuser in polycarbonate (recessed)

Length
592 mm
1184 mm
2368 mm
10000 mm roll
25000 mm roll
50000 mm roll

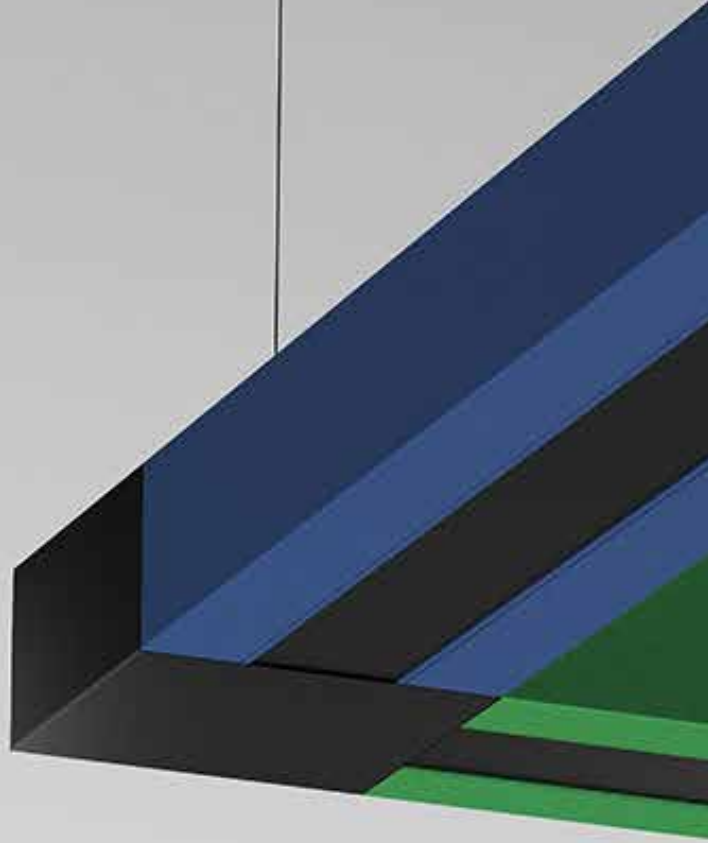
Code
KZ84007
AT10100
AT10200
AT10000
AT10800
AT10900

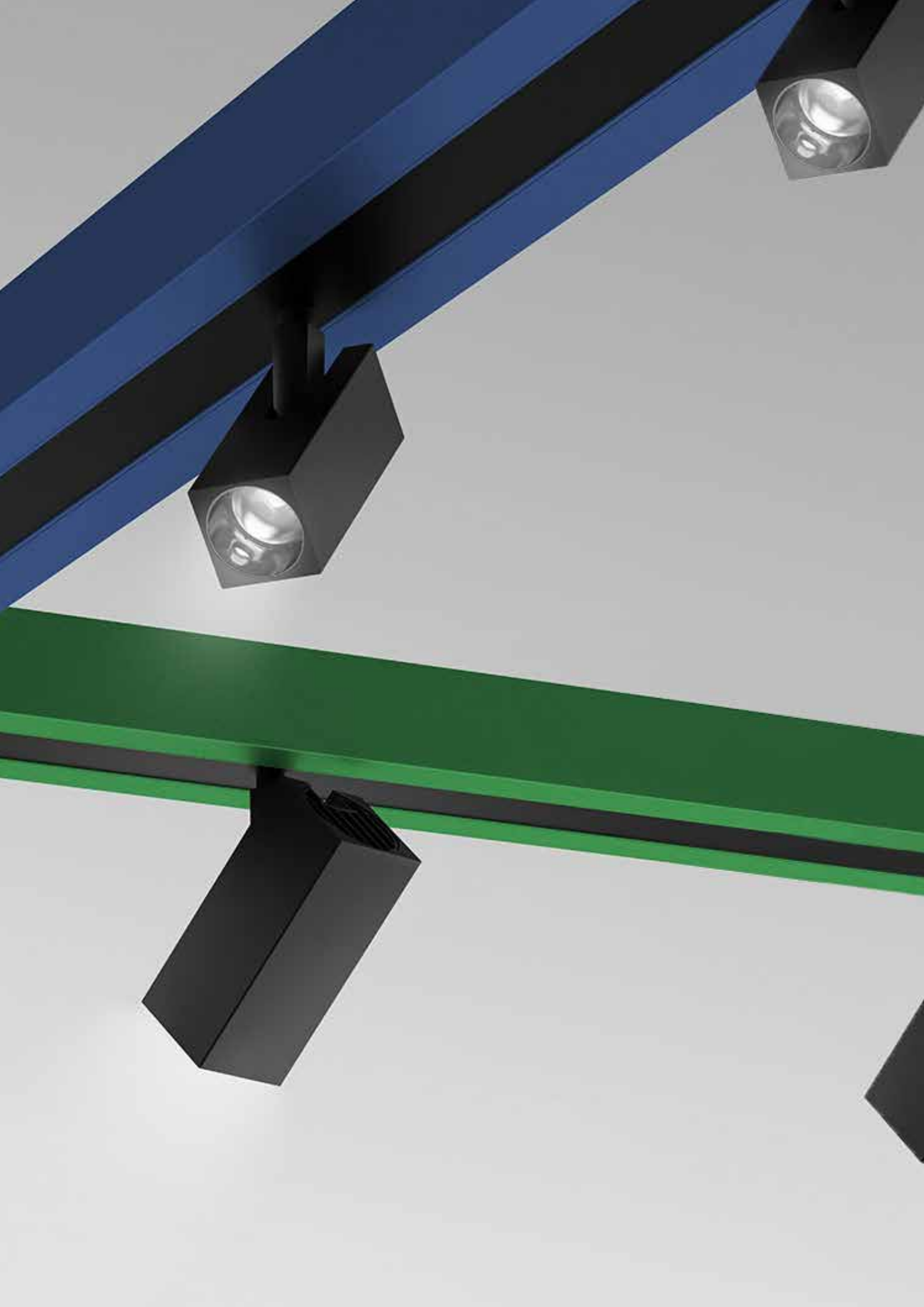
¹ Direct luminous flux: measured using white body.
 With any other color body -7% output flux.





Spot & Pendant emission





Spot & pendant



Katà Métron spot & pendant 40

40 x 40 x 103 mm

Total Power: 9W

3000K*/4000K



S 13° F 20° WF 28°
*540 lm *584 lm *528 lm



Katà Métron spot & pendant 55

55 x 55 x 130 mm

Total Power: 23W

3000K*/4000K



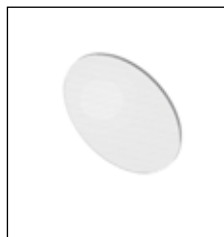
S 16° F 22° WF 32°
*1703 lm *1721 lm *1787 lm

Spot & pendant accessories

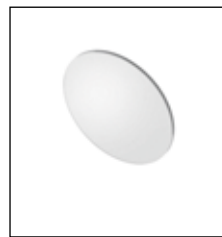
A unique universal holder
for all optical accessories
(up to 2 filters together)



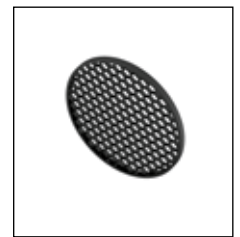
Accessories
holder



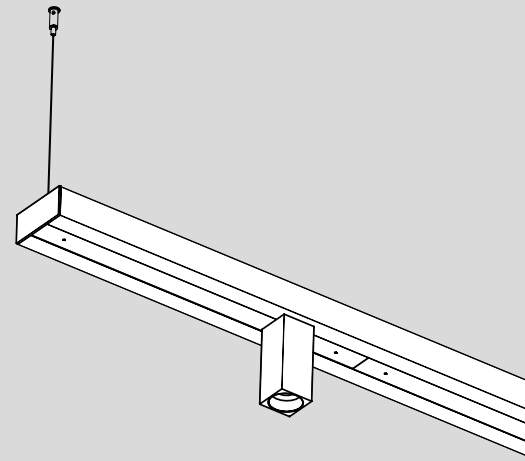
Elliptical
filter



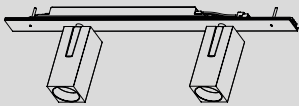
Soft
filter



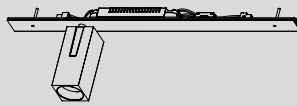
Anti dazzle
louvre



Gear disposition on module for spot & pendant



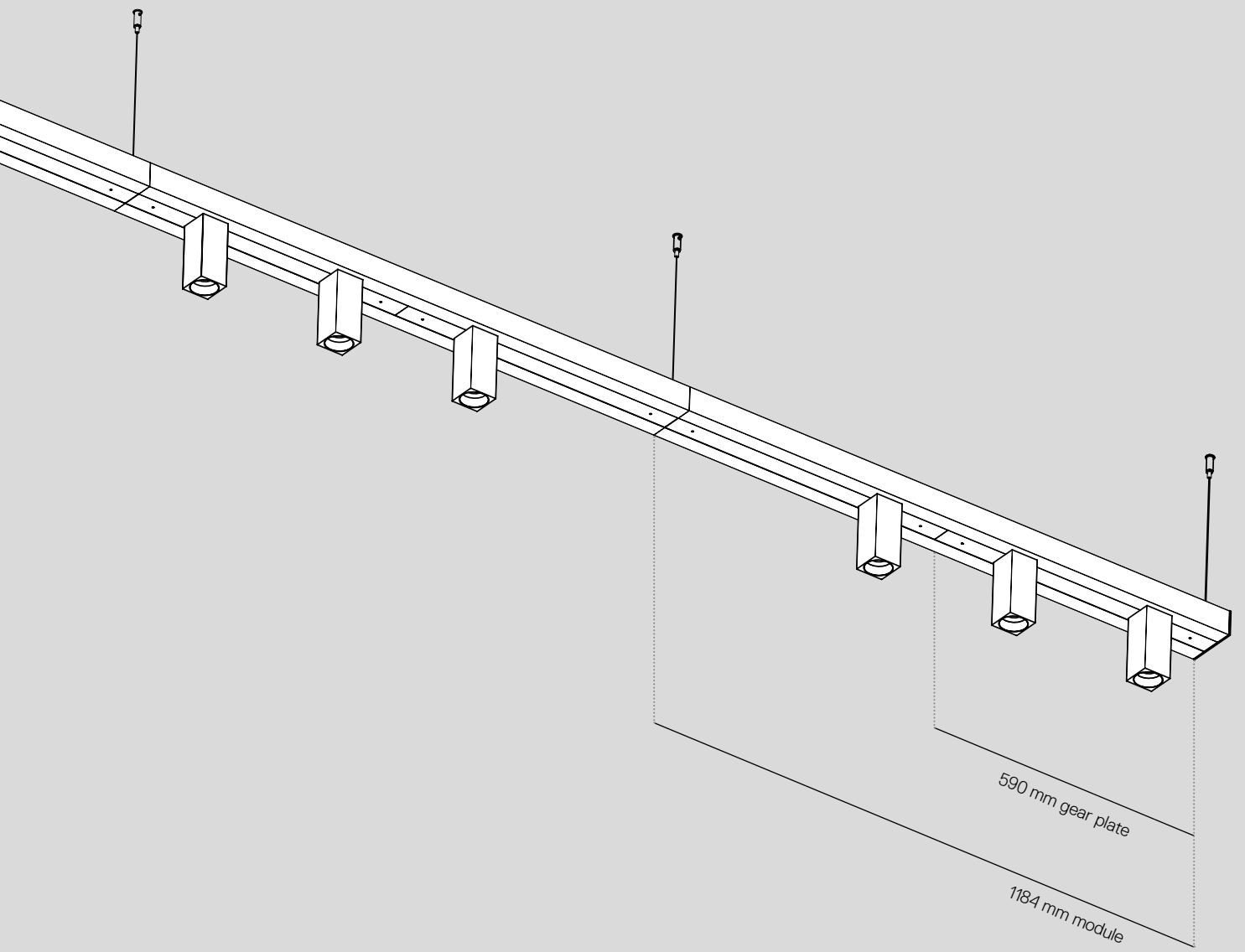
Gear plate x 2
2 x spots 40
2 x spots 55
2 x pendants 40
2 x pendants 55



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

White Blue Black Red Green Yellow
 01. 02. 04. 08. 09. 17.

Driver uses 1 DALI address

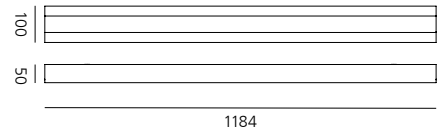
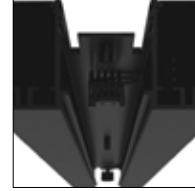
MacAdam 3SDCM
 Life L70 (17K) 102000h
 CRI=90

IP20

Module for spot & pendant

Length
 1184 mm

Code
KA791.01/02/04/
 08/09/17

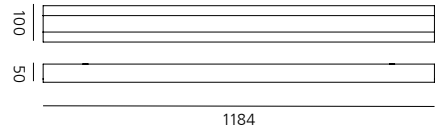
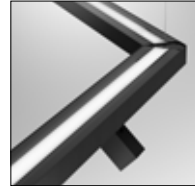


Module for spot/pendant + Indirect diffused emission

Length	W	Flux	CCT
1184 mm	18 W	2331 lm	3000K
			4000K

Dimmable DALI

Code
KB711.01/02/04/
 08/09/17
KB731.01/02/04/
 08/09/17

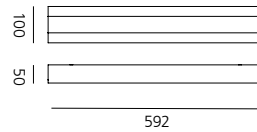


Gear without spot/pendant

Length
 590 mm


Color
 ●

Code
KZ84004



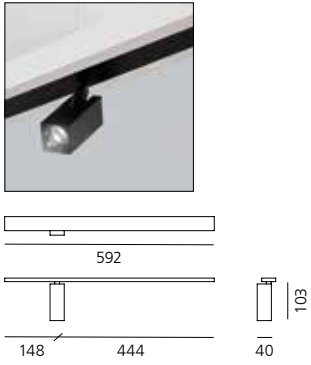


KATÀ MÉTRON - SPOT

Black
SP
FL
WF
Driver uses 1 DALI address
MacAdam 2SDCM
MacAdam 3SDCM*
Life L70 (17K) 102000h*
Life L70 (17K) 145000h
CRI=90
IP20


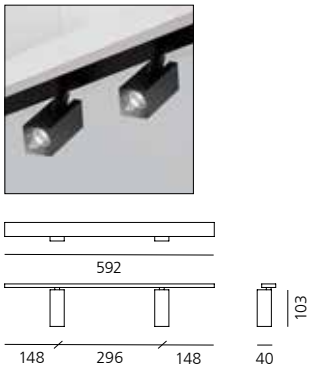
SPOT 1x40

W	Beam	Flux	CCT	Color	Dimmable DALI Code
11 W	SP 14°**	566 lm	2700K	●	KZ70004
		566 lm	3000K	●	KZ71004
		566 lm	4000K	●	KZ73004
	FL 21°	556 lm	2700K	●	KZ70104
		598 lm	3000K	●	KZ71104
		641 lm	4000K	●	KZ73104
	WF 28°	503 lm	2700K	●	KZ70204
		542 lm	3000K	●	KZ71204
		580 lm	4000K	●	KZ73204







SPOT 2x40

W	Beam	Flux	CCT	Color	Dimmable DALI Code
19 W	SP 14°**	2x 566 lm	2700K	●	KZ50004
		2x 566 lm	3000K	●	KZ51004
		2x 566 lm	4000K	●	KZ53004
	FL 21°	2x 556 lm	2700K	●	KZ50104
		2x 598 lm	3000K	●	KZ51104
		2x 641 lm	4000K	●	KZ53104
	WF 28°	2x 503 lm	2700K	●	KZ50204
		2x 542 lm	3000K	●	KZ51204
		2x 580 lm	4000K	●	KZ53204



Accessories

	Color	Code
	●	AP90100
		AP90200
		AP90300
	●	AP90400

KATÀ MÉTRON - SPOT

Black



SP



FL



WF



Driver uses 1 DALI address

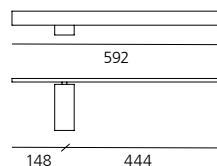
MacAdam 3SDCM
Life L70 (9K) 50000h
CRI =90

IP20



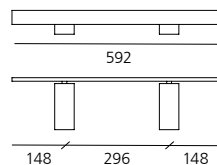
SPOT 1x55

W	Beam	Flux	CCT	Color	Dimmable DALI Code
22 W	SP 15°	1709 lm	2700K	●	KZ30004
		1805 lm	3000K	●	KZ31004
		1951 lm	4000K	●	KZ33004
	FL 22°	1742 lm	2700K	●	KZ30104
		1846 lm	3000K	●	KZ31104
		1996 lm	4000K	●	KZ33104
	WF 31°	1813 lm	2700K	●	KZ30204
		1915 lm	3000K	●	KZ31204
		2070 lm	4000K	●	KZ33204



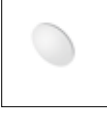



SPOT 2x55

W	Beam	Flux	CCT	Color	Dimmable DALI Code
40 W	SP 15°	2x 1709 lm	2700K	●	KZ10004
		2x 1805 lm	3000K	●	KZ11004
		2x 1951 lm	4000K	●	KZ13004
	FL 22°	2x 1742 lm	2700K	●	KZ10104
		2x 1846 lm	3000K	●	KZ11104
		2x 1996 lm	4000K	●	KZ13104
	WF 31°	2x 1813 lm	2700K	●	KZ10204
		2x 1915 lm	3000K	●	KZ11204
		2x 2070 lm	4000K	●	KZ13204

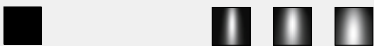


Accessories

	Color	Code
	●	AP91100
		AP91200
		AP91300
	●	AP91400

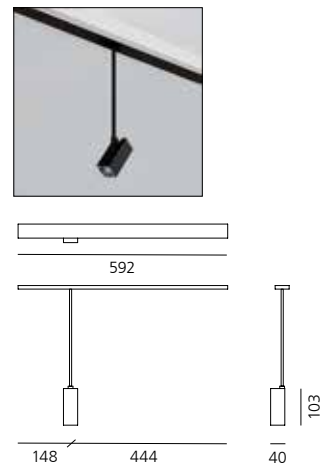
KATÀ MÉTRON - PENDANT

Black SP FL WF Driver uses 1 DALI address MacAdam 2SDCM
MacAdam 3SDCM*
Life L70 (17k) 102000h*
Life L70 (17k) 145000h
CRI=90 IP20



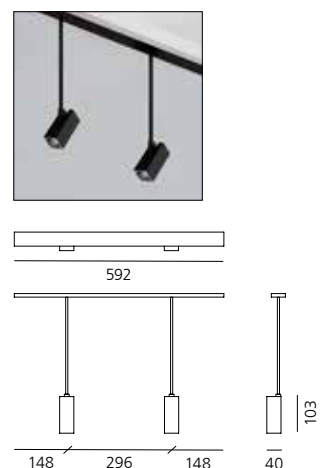
PENDANT 1x40



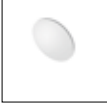

W	Beam	Flux	CCT	Color	Dimmable DALI Code
11 W	SP 14°*	566 lm	2700K	●	KZ20004
		566 lm	3000K	●	KZ21004
		566 lm	4000K	●	KZ23004
	FL 21°	556 lm	2700K	●	KZ20104
		598 lm	3000K	●	KZ21104
		641 lm	4000K	●	KZ23104
	WF 28°	503 lm	2700K	●	KZ20204
		542 lm	3000K	●	KZ21204
		580 lm	4000K	●	KZ23204



PENDANT 2x40

W	Beam	Flux	CCT	Color	Dimmable DALI Code
19 W	SP 14°*	2x 566 lm	2700K	●	KZ60004
		2x 566 lm	3000K	●	KZ61004
		2x 566 lm	4000K	●	KZ63004
	FL 21°	2x 556 lm	2700K	●	KZ60104
		2x 598 lm	3000K	●	KZ61104
		2x 641 lm	4000K	●	KZ63104
	WF 28°	2x 503 lm	2700K	●	KZ60204
		2x 542 lm	3000K	●	KZ61204
		2x 580 lm	4000K	●	KZ63204



Accessories		40
	Color	Code
	●	AP90100
		AP90200
		AP90300
	●	AP90400

KATÀ MÉTRON - PENDANT

Black



SP



FL



WF



Driver uses 1 DALI address

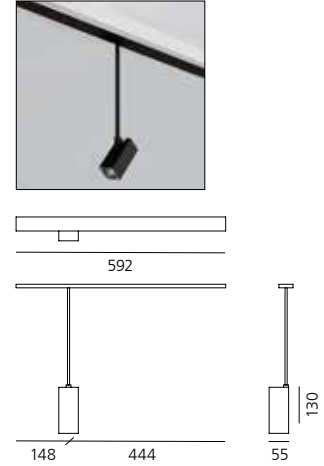
MacAdam 3SDCM
Life L70 (9k) 50000h
CRI =90

IP20



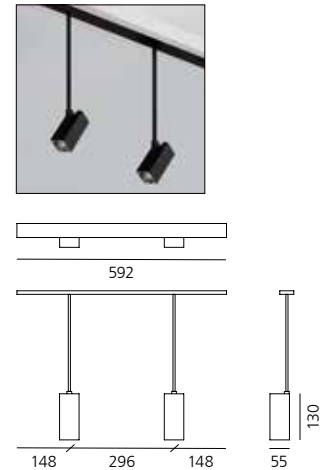
PENDANT 1x55

W	Beam	Flux	CCT	Color	Dimmable DALI Code
22 W	SP 15°	1709 lm	2700K	●	KZ40004
		1805 lm	3000K	●	KZ41004
		1951 lm	4000K	●	KZ43004
	FL 22°	1742 lm	2700K	●	KZ40104
		1846 lm	3000K	●	KZ41104
		1996 lm	4000K	●	KZ43104
	WF 31°	1813 lm	2700K	●	KZ40204
		1915 lm	3000K	●	KZ41204
		2070 lm	4000K	●	KZ43204

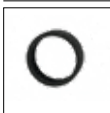

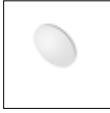



PENDANT 2x55

W	Beam	Flux	CCT	Color	Dimmable DALI Code
40 W	SP 15°	2x 1709 lm	2700K	●	KZ80004
		2x 1805 lm	3000K	●	KZ81004
		2x 1951 lm	4000K	●	KZ83004
	FL 22°	2x 1742 lm	2700K	●	KZ80104
		2x 1846 lm	3000K	●	KZ81104
		2x 1996 lm	4000K	●	KZ83104
	WF 31°	2x 1813 lm	2700K	●	KZ80204
		2x 1915 lm	3000K	●	KZ81204
		2x 2070 lm	4000K	●	KZ83204



Accessories

	Color	55 Code
 Accessories holder	●	AP91100
 Lens for elliptical emission		AP91200
 Soft filter		AP91300
 Anti-dazzle louvre	●	AP91400

KATÀ MÉTRON - ANGLE ELEMENTS & JOINTS





Black

IP20









04.

ANGLE ELEMENTS

Angle elements		Color	Code
	Suspension 45° 2 exits Cable included Feedable Joint	●	KZ84005
	Ceiling 45° 2 exits	●	KZ84006
	Suspension 90° 2 exits Cable included Feedable Joint	●	KZ01904
	Ceiling 90° 2 exits	●	KZ02304

JOINTS

Joints		Color	Code
	Suspension linear Joints 2 exits Cable included Feedable Joint	●	KZ02004
	Ceiling linear Joints 2 exits	●	KZ02404
	Suspension T Joints 3 exits Cable included Feedable Joint	●	KZ01804
	Ceiling T Joints 3 exits	●	KZ02204
	Suspension X Joints 4 exits Cable included Feedable Joint	●	KZ01704
	Ceiling X Joints 4 exits	●	KZ02104









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



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