

A.39

Carlotta de Bevilacqua



Artemide[®]

A.39

A.39

Carlotta de Bevilacqua 2017

A.39 is a system created to bring light into spaces with continuous lines that has evolved by integrating different innovative optical and light technologies to respond with quality to every functional requirement of environments. It makes it possible to create long lines of diffused light with 90° angles, control the emission with sharpening optics in three different emission angles, and work with continuous rows of refractive optics with very high efficiency. In addition to dedicated space lighting, A.39 suspensions are also a perfect choice for functional lighting of worktops with solutions such as patented controlled emission and microrefractive optics that ensure optimal perception.

Following the evolution of optical technologies and the need for bringing light into shell&core spaces with perceptual quality and optimal efficacies for low-impact energy balances A.39 also evolves into stand-alone versions.

A.39 also presents different versions available with the innovative White Integralis and Pure Integralis light technology.



**Artemide
App**



A.39

system

Diffused emission

Sharping emission

Controlled emission

Refractive emission

Microrefractive emission

LINEAR MODULE

90° ANGLE

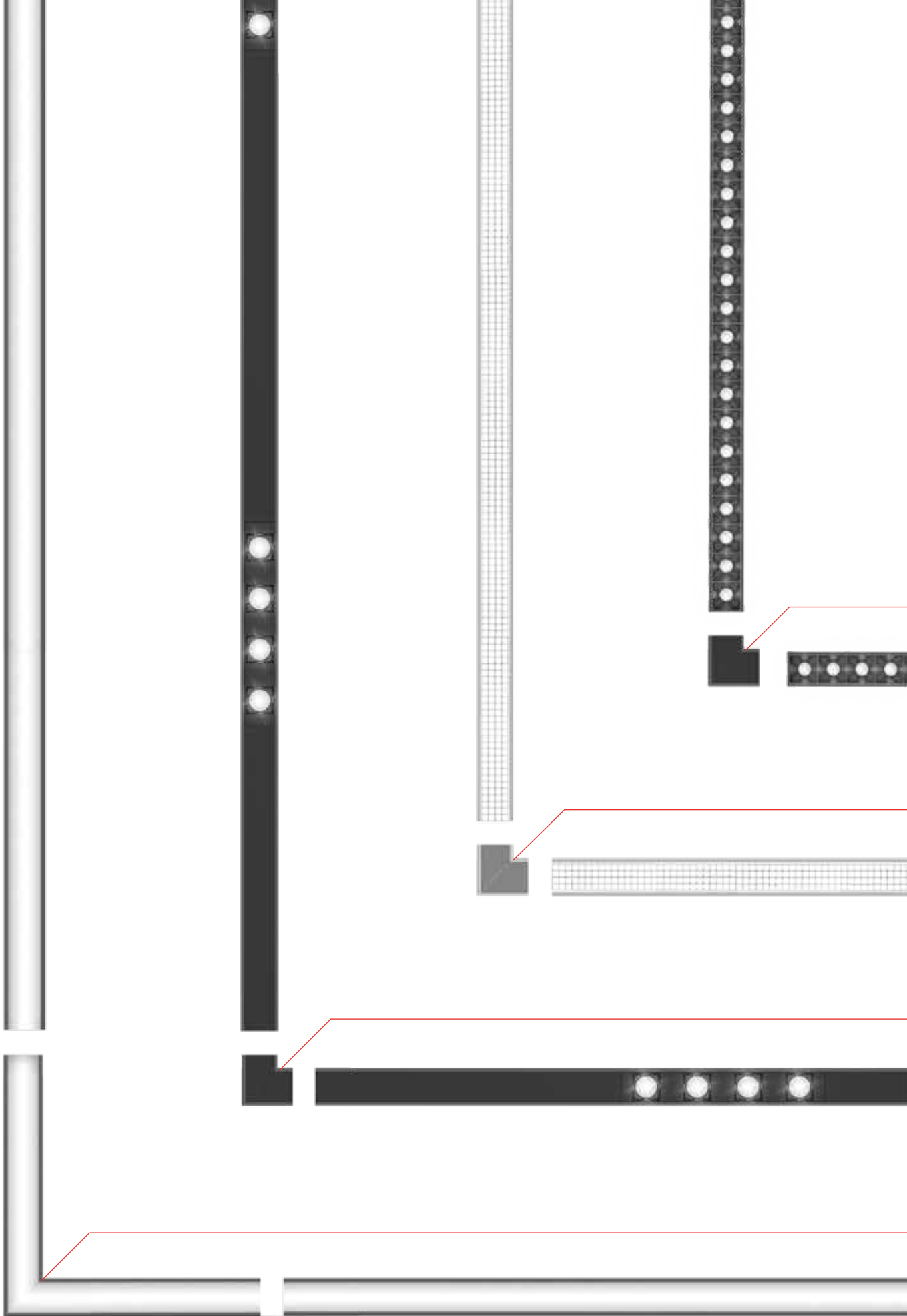


RECTANGULAR/SQUARE


A.39

stand alone

Refractive emission




A.39 system light technology




90° ANGLE
75 x 75 mm

MICROREFRACTIVE EMISSION
1184 - 1480 - 2368 - 2960 nm




90° ANGLE
75 x 75 mm

REFRACTIVE EMISSION
1184 - 1480 - 2368 - 2960 nm




90° ANGLE
75 x 75 mm

CONTROLLED EMISSION
1184 - 1480 - 1776 - 2368 - 2960 nm



90° ANGLE
75 x 75 mm

SHARPING EMISSION
1184 - 2368 nm



90° ANGLE
303 x 303 mm

DIFFUSED EMISSION
1184 - 1480 - 1776 - 2368 - 2960 nm

A.39 system colors & technology

BODY



Silver



SHARPING EMISSION

Black Louvers ■ White Louvers □



DIFFUSED EMISSION



CONTROLLED EMISSION

REFRACTIVE EMISSION

Black Louvers ■ White Louvers □



MICRO REFRACTIVE EMISSION

Black Louvers ■



White



BODY

Black Louvers White Louvers

SHARPING EMISSION



DIFFUSED EMISSION

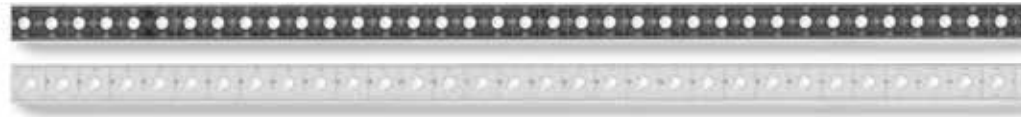


CONTROLLED EMISSION



Black Louvers White Louvers

REFRACTIVE EMISSION



Black Louvers White Louvers

MICRO REFRACTIVE EMISSION



Black



BODY

Black Louvers White Louvers

SHARPING EMISSION



DIFFUSED EMISSION

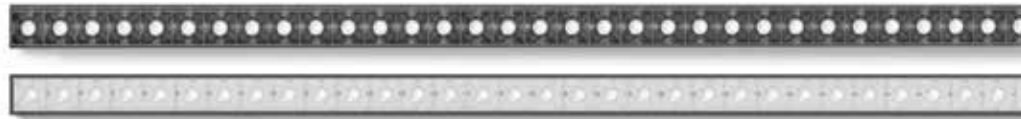


CONTROLLED EMISSION



Black Louvers White Louvers

REFRACTIVE EMISSION



Black Louvers White Louvers

MICRO REFRACTIVE EMISSION

















A.39 diffused

“All in one” construction

A seamless and uniform brightness with no visible junctions thanks to a continuous roll diffuser

Continuous roll diffuser up to 50 m

Comfortable light emission

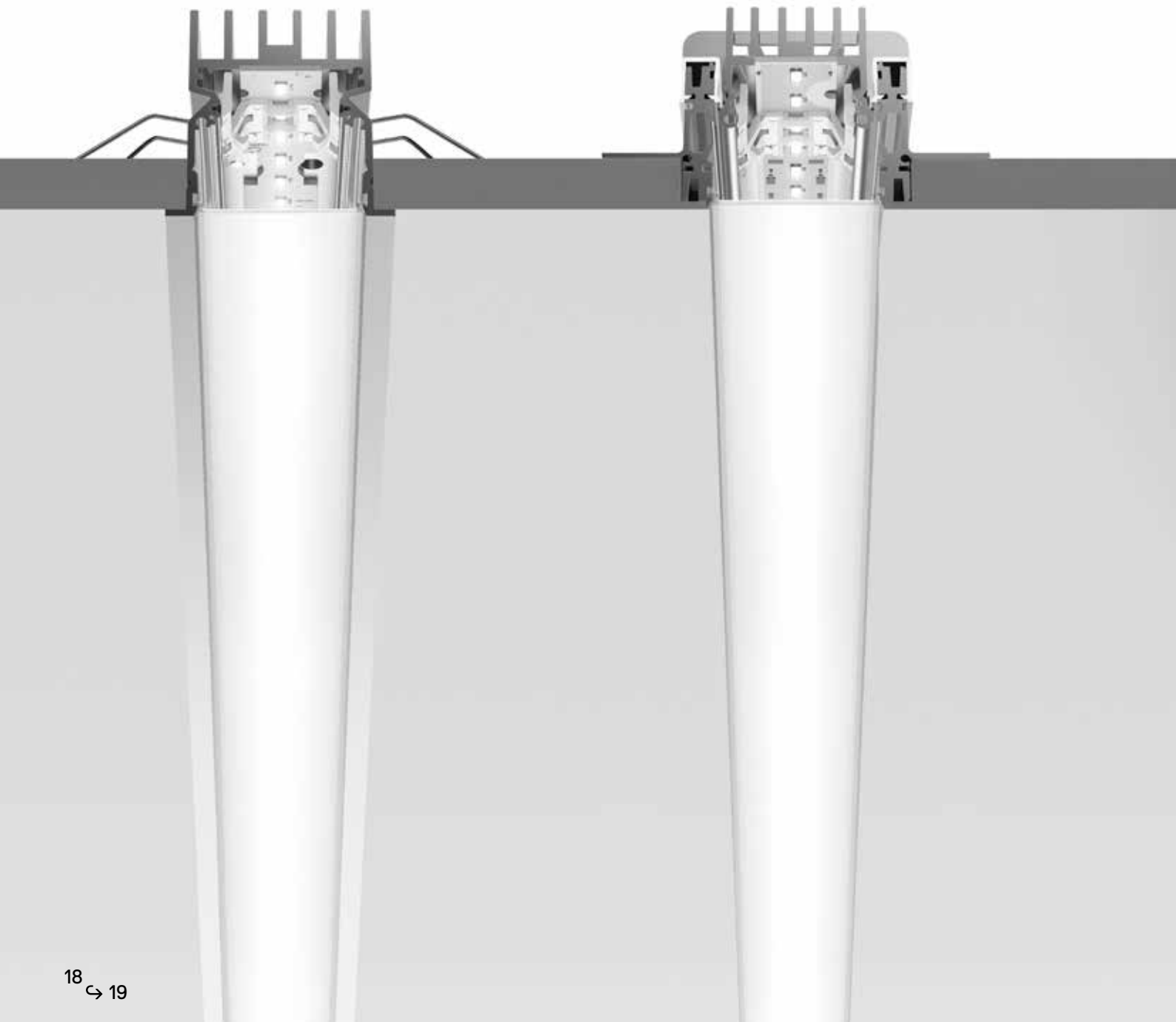




A.39 diffused space fittings

RECESSED
TRIM

RECESSED
TRIMLESS



CEILING

SUSPENSION

SUSPENSION WITH
INDIRECT EMISSION



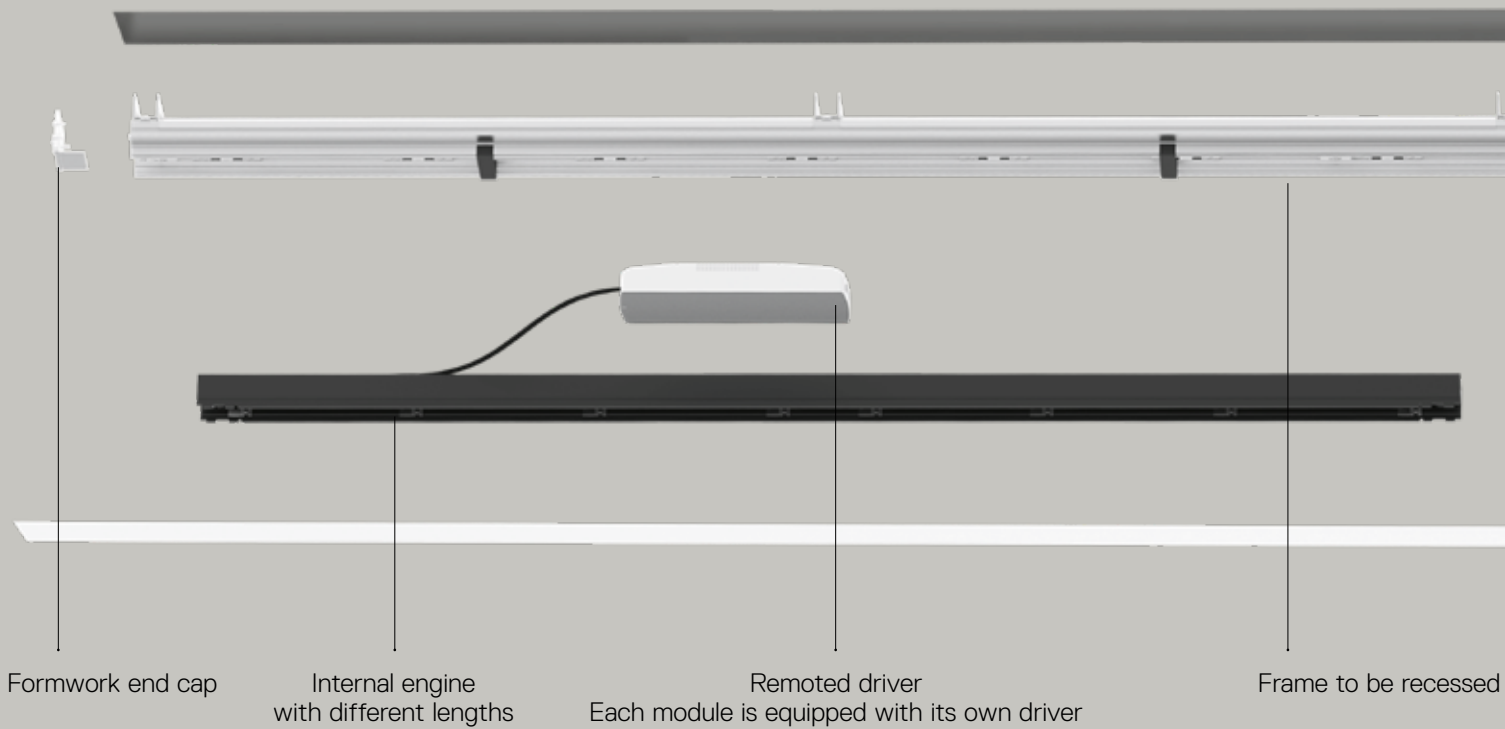






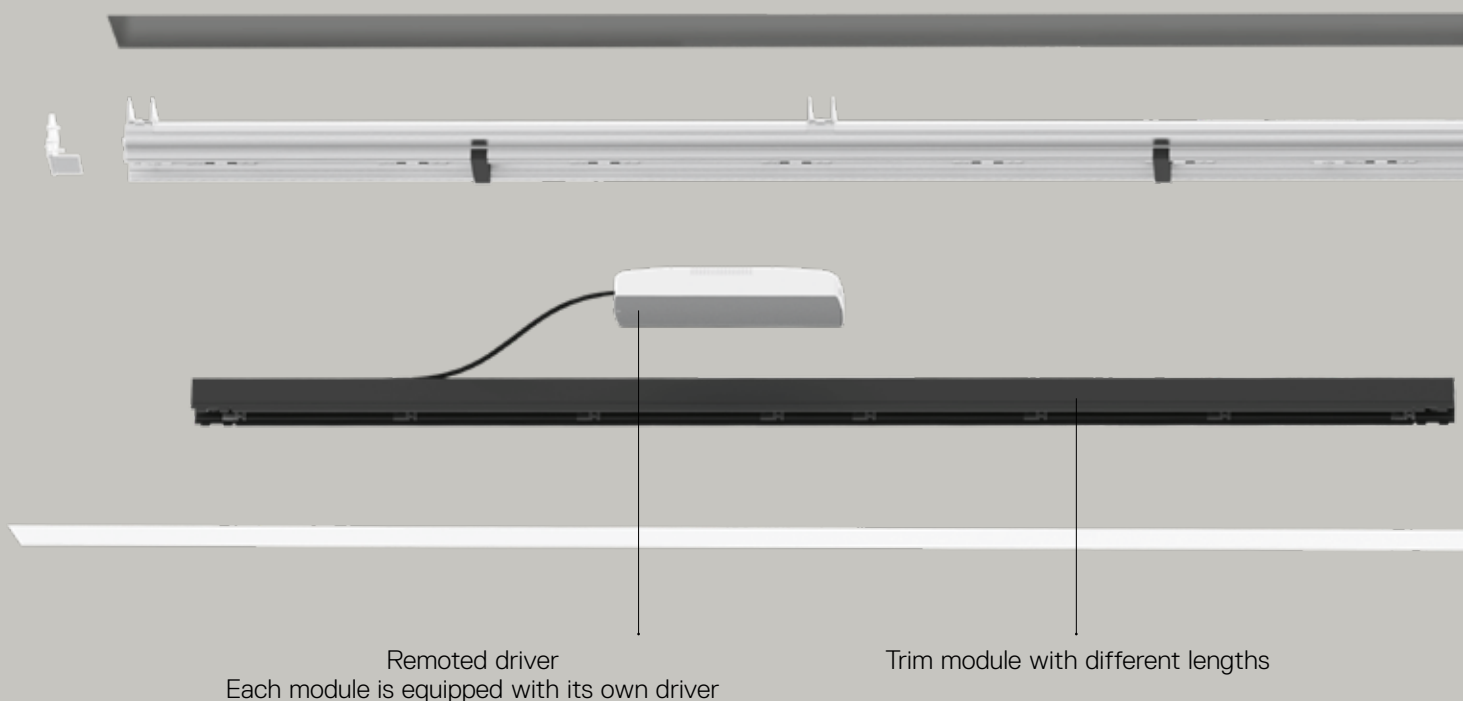


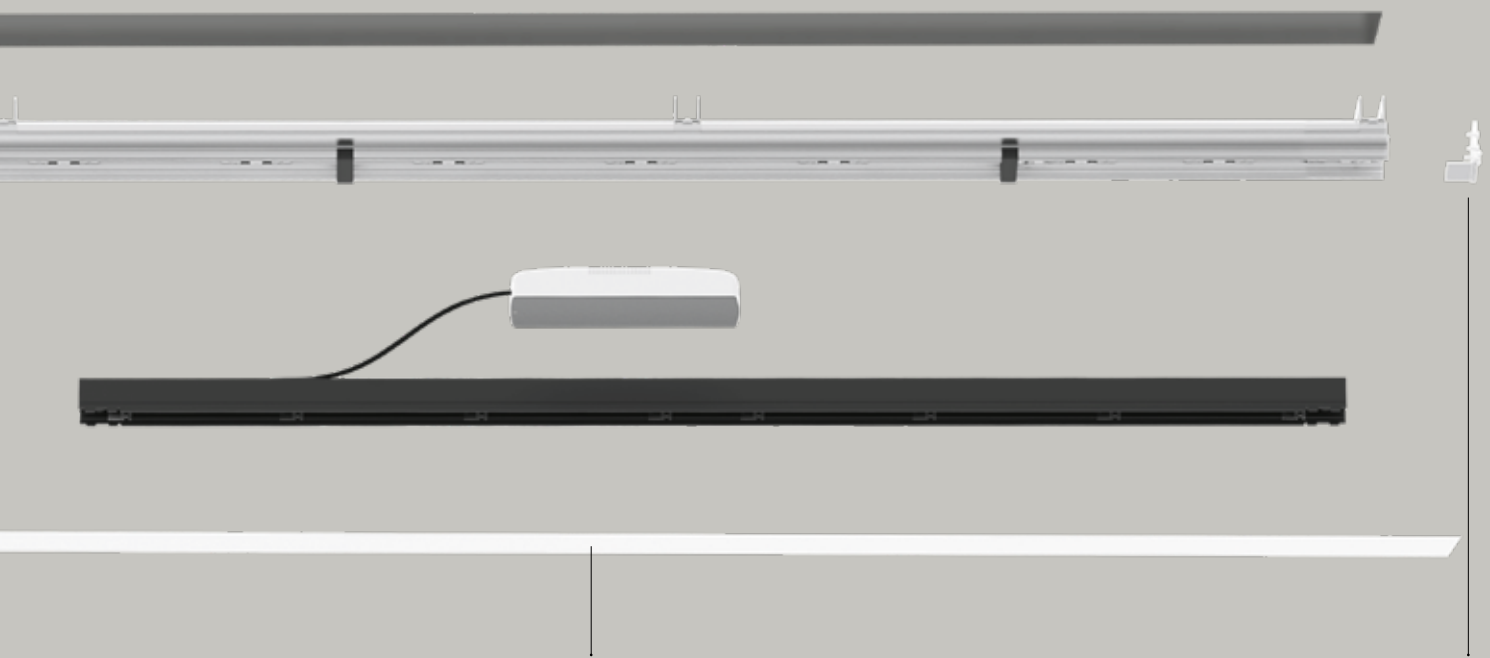
TRIMLESS



A.39 diffused recessed components

TRIM





Opaline diffuser available in several preconfigured lengths
(1184, 2368, 2960 mm) or in roll (10, 25, 50 m)

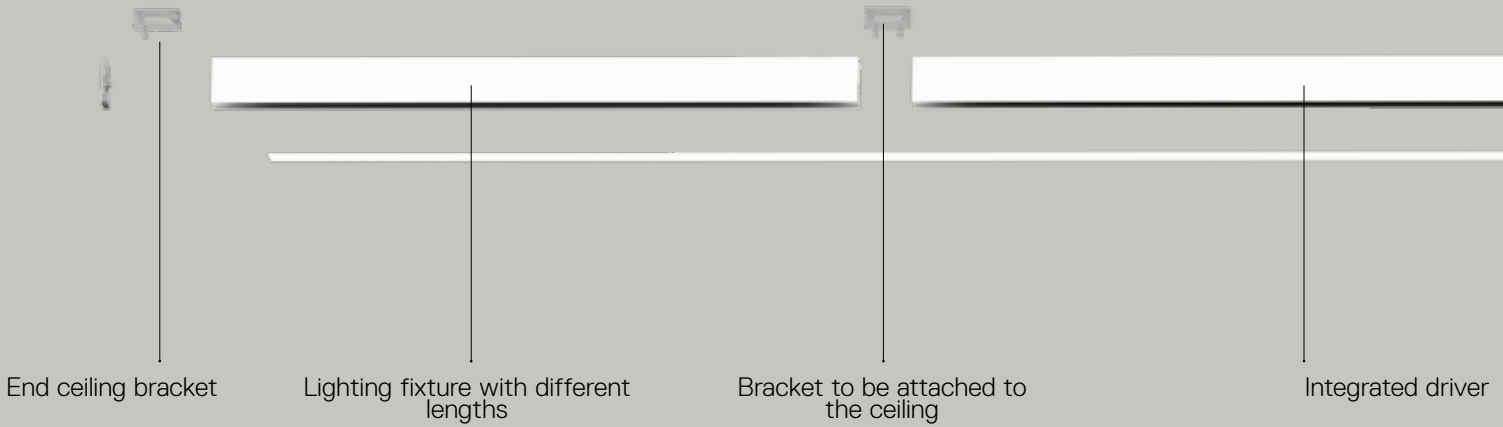
Metal cover
Kit end cap



Opaline diffuser available in several preconfigured lengths
(1184, 2368, 2960 mm) or in roll (10, 25, 50 m)

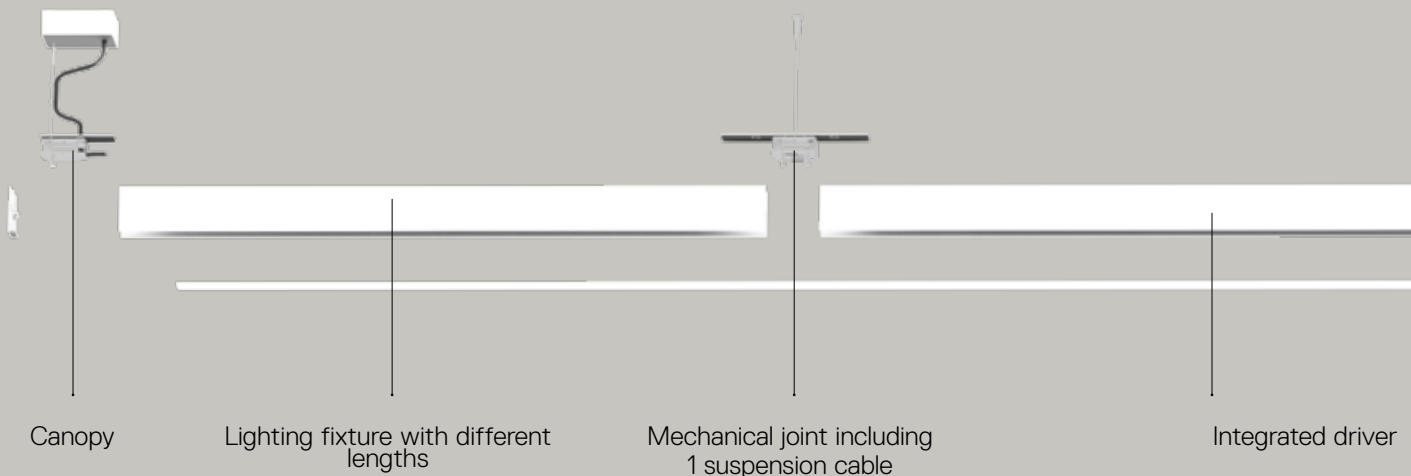
Kit end cap
for 500, 1500, 3500 mm

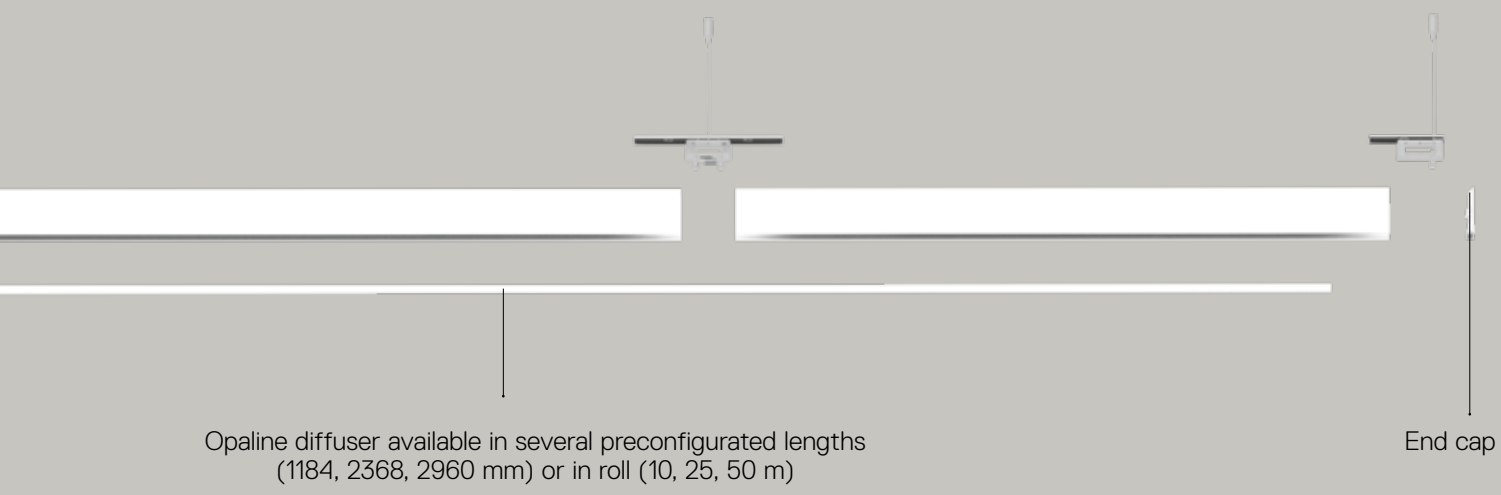
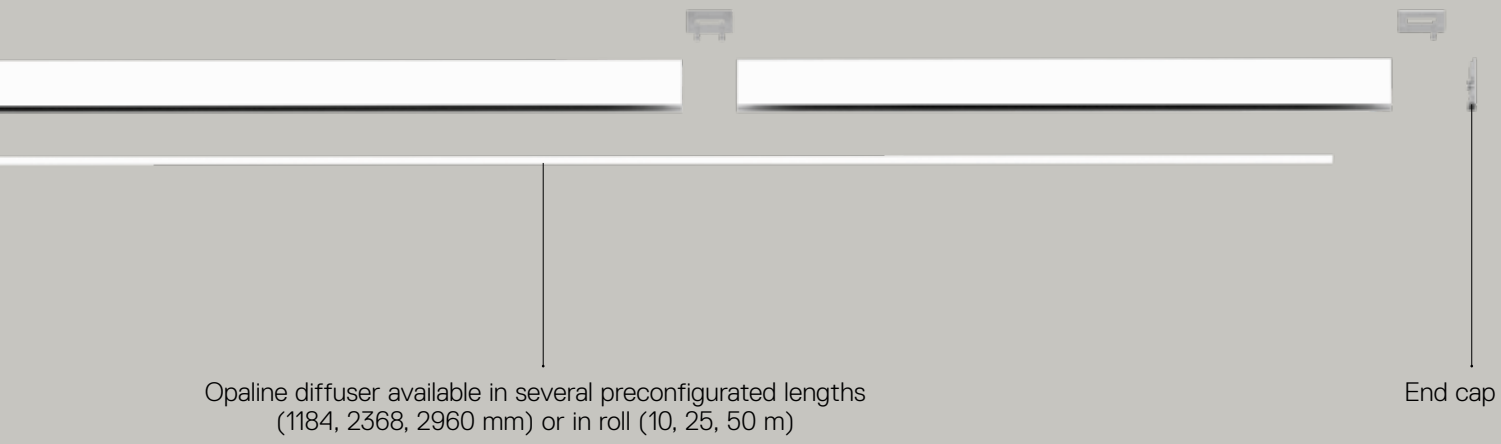
CEILING



A.39 diffused ceiling, suspension components

SUSPENSION






A.39 diffused system modules

	1184 mm	1482 mm	1776 mm	2368 mm	2960 mm	2960 - 5000 mm	5000 - 15000 mm	15000 - 35000 mm	50000 mm	
END CAP KIT TRIM	5000 mm	○—————○								
	15000 mm						○——○			
	50000 mm							○——○		
DIFFUSER	1184 mm	○——○								
	2368 mm		○—————○							
	2960 mm				○——○					
ROLL DIFFUSER	10 m					○—————○				
	25 m					○—————○				
	50 m					○—————○				
FORMWORK TRIMLESS	1480 mm	○—————○								
	4736 mm			○—————○						
END CAP KIT TRIMLESS	50000 mm	○—————○								
	SPECIAL								○——○	

TRIM - TRIMLESS



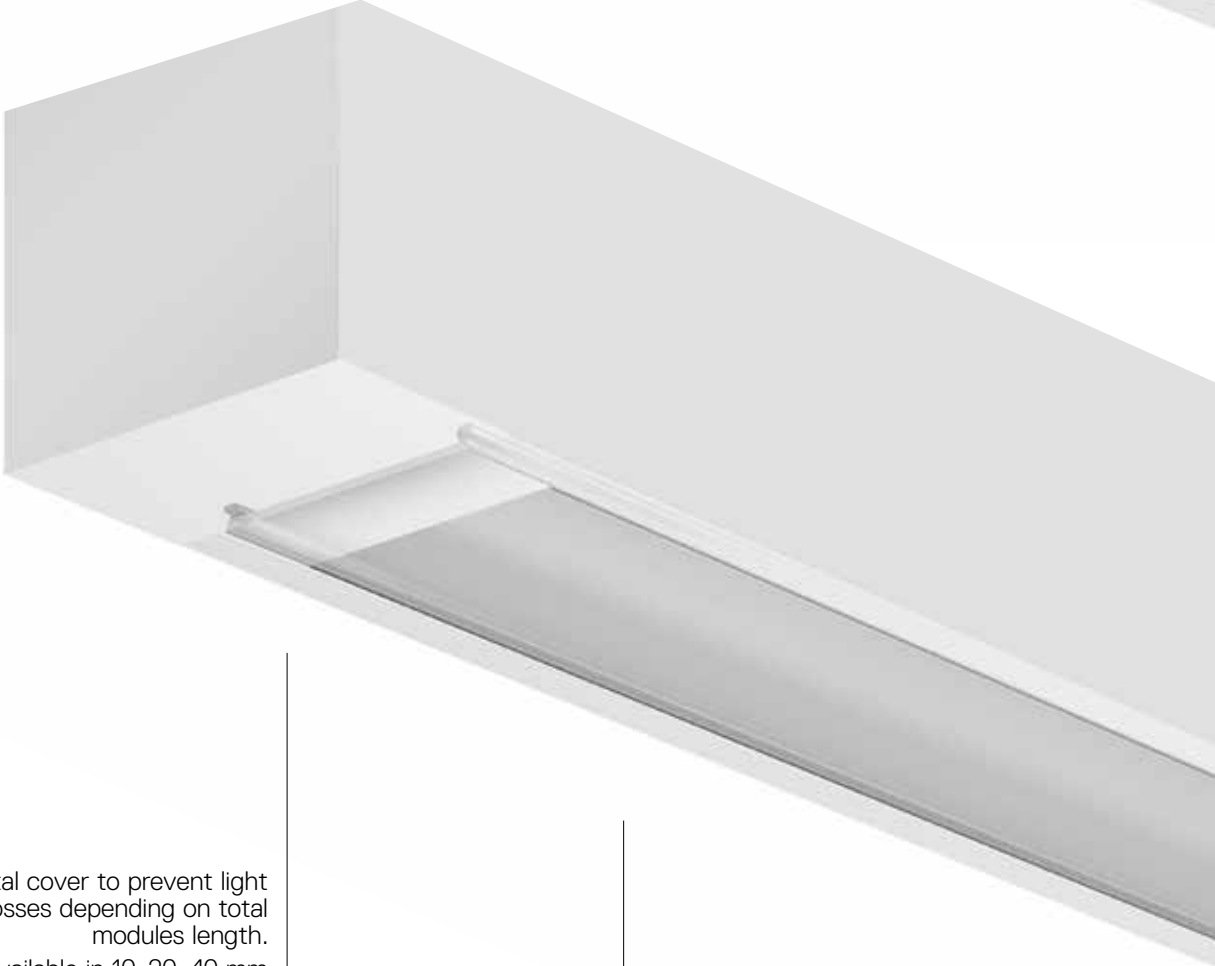
Metal cover, with the same color of the body, magnetically fixed at the end of the lighting fixture.

This cap covers the empty space cut in the ceiling necessary for the thermal adjustment of the body and the diffuser

Light losses free

Thermal expansion of the diffuser below the metal cap

CEILING



Metal cover to prevent light losses depending on total modules length.
Available in 10, 20, 40 mm

Roll diffuser

A.39 DIFFUSED EMISSION - RECESSED TRIMLESS

Opal diffuser supplied separately APP interface supplied separately.
The APP driver can not be controlled by DALI dimming system and viceversa.

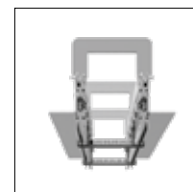
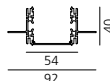
MacAdam 3SDCM
Life L70 (17k) 102000h
CRI = 90
* Driver uses 1 DALI address

IP20


Formwork (aluminum)

	Length	Code
Trimless module frame kit	1488 mm	AT04000
	2368 mm	AT04200
	4736 mm	AT04100
Trimless module frame cap (2 pcs)		AT09300
End cap (2 pcs)		AT09301
90° trimless frame kit		AT30400

L=303x303



Element Trimless

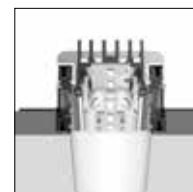
Length	W	Flux	CCT
1184 mm	33W	2086 lm	3000K
			4000K
1482 mm	41W	2607 lm	3000K
			4000K
1776 mm	49W	3129 lm	3000K
			4000K
2368 mm	63W	4172 lm	3000K
			4000K
2960 mm	81W	5215 lm	3000K
			4000K

Undimmable

Code
AT00100
AT00300
AT00500
AT00700
AT02100
AT02300
AT01100
AT01300
AT01500
AT01700

Dimmable DALI*

Code
AT00000
AT00200
AT00400
AT00600
AT02000
AT02200
AT01000
AT01200
AT01400
AT01600



Angle elements

	W	Flux	CCT
90° trimless	17W	1043 lm	3000K
recessed corner			4000K

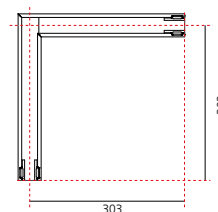
(on same plane)
303x303mm

Undimmable

Code
AT30500
AT30700

Dimmable DALI*

Code
AT30600
AT30800



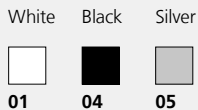
Opal diffuser in polycarbonate (recessed)

Length	Code
1184 mm	AT10100
2368 mm	AT10200
2960 mm	AT10300
10000 mm roll	AT10000
25000 mm roll	AT10800
50000 mm roll	AT10900

APP Interface

APP	Code
BLL interface for APP with antenna Up to 40 addresses	DV1054APP

A.39 DIFFUSED EMISSION - RECESSED TRIM



Opal diffuser supplied separately APP interface supplied separately.
The APP driver can not be controlled by DALI dimming system and viceversa.

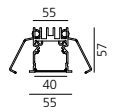
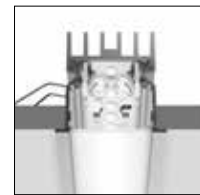
MacAdam 3SDCM
Life L70 (17k) 102000h
CRI = 90
* Driver uses 1 DALI address

IP20

Trim Length	W	Flux ¹	CCT
1184 mm	21W	2353 lm	3000K 4000K
1482 mm	25W	2914 lm	3000K 4000K
1776 mm	32W	3584 lm	3000K 4000K
2368 mm	40W	4706 lm	3000K 4000K
2960 mm	49W	5828 lm	3000K 4000K

Undimmable Code
AT051. 01/04/05
AT053. 01/04/05
AT055. 01/04/05
AT057. 01/04/05
AT065. 01/04/05
AT068. 01/04/05
AT061. 01/04/05
AT063. 01/04/05
AT070. 01/04/05
AT072. 01/04/05

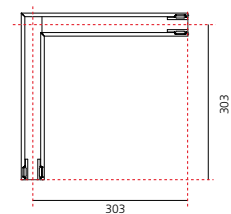
Dimmable DALI* Code
AT050. 01/04/05
AT052. 01/04/05
AT054. 01/04/05
AT056. 01/04/05
AT064. 01/04/05
AT066. 01/04/05
AT060. 01/04/05
AT062. 01/04/05
AT069. 01/04/05
AT071. 01/04/05



Angle elements	W	Flux ¹	CCT
90° trim	10W	1122 lm	3000K 4000K
recessed corner (on same plane) 303x303mm			

Undimmable Code
AT300. 01/04/05
AT301. 01/04/05

Dimmable DALI* Code
AT302. 01/04/05
AT303. 01/04/05



Trim module end cap kit (2 pcs)
up to 5 m

up to 15 m

up to 35 m

Code
AT090. 01/04/05

AT091. 01/04/05

AT092. 01/04/05

Opal diffuser in polycarbonate (recessed)

Length
1184 mm
2368 mm
2960 mm
10000 mm rouleau
25000 mm rouleau
50000 mm rouleau

Code
AT10100
AT10200
AT10300
AT10000
AT10800
AT10900

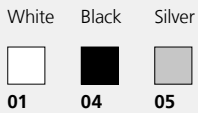
APP Interface

BLL interface for APP with antenna
Up to 40 addresses

APP
Code
DV1054APP

¹ Direct luminous flux: measured using white louvres.
With black louvres -10% output flux.

A.39 DIFFUSED EMISSION - CEILING



Opal diffuser supplied separately
 APP interface supplied separately.
 The APP driver can not be controlled by DALI dimming system and viceversa

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

IP20

* Driver uses 1 DALI address

Ceiling direct emission

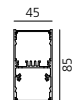
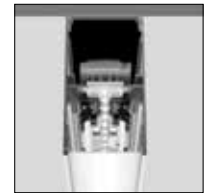
Length	W	Flux ¹	CCT
1184 mm	20W	2374 lm	3000K 4000K
1482 mm	25W	2968 lm	3000K 4000K
2368 mm	40W	4749 lm	3000K 4000K
2960 mm	49W	5936 lm	3000K 4000K

Undimmable

Code
AT131. 01/04/05
AT133. 01/04/05
AT141. 01/04/05
AT143. 01/04/05
AT151. 01/04/05
AT153. 01/04/05
AT181. 01/04/05
AT183. 01/04/05

Dimmable DALI*

Code
AT130. 01/04/05
AT132. 01/04/05
AT140. 01/04/05
AT142. 01/04/05
AT150. 01/04/05
AT152. 01/04/05
AT180. 01/04/05
AT182. 01/04/05



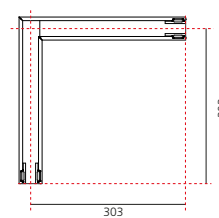
Angle elements

	W	Flux ¹	CCT
90° corner direct emission (on same plane)	10W	1122 lm	3000K 4000K

303x303mm

Dimmable DALI*

Code
AT350. 01/04/05
AT351. 01/04/05



Accessories

End cap kit (2 pcs)

Code
 AT094. 01/04/05

Ceiling bracket and mechanical joint

AT09501

End ceiling bracket (2 pcs)

AT09502

Opal diffuser in polycarbonate

Length
1184 mm
2368 mm
2960 mm
10000 mm roll
25000 mm roll
50000 mm roll

Code
AT09505
AT09506
AT09507
AT10000
AT10800
AT10900

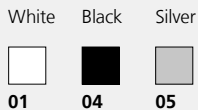
APP Interface

BLL interface for APP with antenna
 Up to 40 addresses

APP
 Code
 DV1054APP

¹ Direct luminous flux: measured using white louvres.
 With black louvres -10% output flux.

A.39 DIFFUSED EMISSION - SUSPENSION



Opal diffuser supplied separately
APP interface supplied separately.
The APP driver can not be controlled by DALI dimming system and viceversa

MacAdam 3SDCM
Life L70 (17k) 102000h
CRI = 90
* Driver uses 1 DALI address
**Drivers use 2 DALI addresses

IP20
⊕

Suspension, ceiling direct emission

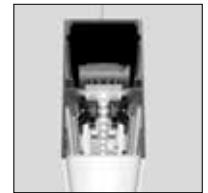
Length	W	Flux ¹	CCT
1184 mm	20W	2374 lm	3000K 4000K
1482 mm	25W	2968 lm	3000K 4000K
2368 mm	40W	4749 lm	3000K 4000K
2960 mm	49W	5936 lm	3000K 4000K

Undimmable

Code
AT131. 01/04/05
AT133. 01/04/05
AT141. 01/04/05
AT143. 01/04/05
AT151. 01/04/05
AT153. 01/04/05
AT181. 01/04/05
AT183. 01/04/05

Dimmable DALI*

Code
AT130. 01/04/05
AT132. 01/04/05
AT140. 01/04/05
AT142. 01/04/05
AT150. 01/04/05
AT152. 01/04/05
AT180. 01/04/05
AT182. 01/04/05



Suspension direct + indirect emission

Length	W	Flux ¹	CCT
1184 mm	20W direct	2374 lm direct	3000K 4000K
	14W indirect	2163 lm indirect	
1482 mm	25W direct	2968 lm direct	3000K 4000K
	20W indirect	2884 lm indirect	
2368 mm	40W direct	4749 lm direct	3000K 4000K
	30W indirect	4326 lm indirect	
2960 mm	49W direct	5936 lm direct	3000K 4000K
	39W indirect	5768 lm indirect	

Undimmable

Code
AT191. 01/04/05
AT193. 01/04/05
AT221. 01/04/05
AT223. 01/04/05
AT231. 01/04/05
AT233. 01/04/05
AT241. 01/04/05
AT243. 01/04/05

Dimmable DALI

Code
*AT190. 01/04/05
*AT192. 01/04/05
*AT220. 01/04/05
*AT222. 01/04/05
**AT230. 01/04/05
**AT232. 01/04/05
**AT240. 01/04/05
**AT242. 01/04/05

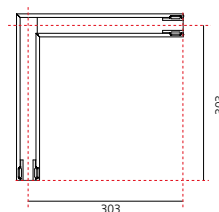


Angle elements

	W	Flux ¹	CCT
90° corner direct emission (on same plane) 303x303mm	10W	1122 lm	3000K 4000K

Dimmable DALI*

Code
AT350. 01/04/05
AT351. 01/04/05



Accessories suspension

Undimmable Feeding kit including 2 suspension cables 2000h mm (3 poles)

Code
AT10400

Dimmable or APP Feeding kit including 2 suspension cables 2000h mm (5 poles)

AT10500
AT10500APP

Mechanical joint including 1 suspension cable

AT09500

End cap kit 2x

AT094. 01/04/05

Opal diffuser in polycarbonate (suspension, ceiling)

Length
1184 mm
2368 mm
2960 mm
10000 mm roll
25000 mm roll
50000 mm roll

Code
AT09505
AT09506
AT09507
AT10000
AT10800
AT10900

¹ Direct luminous flux: measured using white louvres.
With black louvres -10% output flux.





A.39

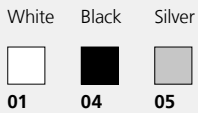
diffused

INTEGRALIS

A.39 is In

ntegralis

A.39 DIFFUSED EMISSION - WHITE INTEGRALIS



Opal diffuser supplied separately.
 APP interface supplied separately.
 The APP driver can not be controlled by DALI dimming system and viceversa.

MacAdam 3SDCM
 Life L80 (10K) 50000h
 CRI = 90
 * Driver uses 1 DALI address

IP20

Suspension, Ceiling - direct emission

		W	Luminous Flux	Radiant Flux	CCT
1184 mm	DAY MODE	34 W	2975 lm	2052 mW	5000 K
1480 mm	DAY MODE	42 W	3719 lm	2565 mW	5000 K
2368 mm	DAY MODE	66 W	5950 lm	4104 mW	5000 K
2960 mm	DAY MODE	82 W	7437 lm	5129 mW	5000 K

Dimmable DALI* - INTEGRALIS

Code
AT132.01/04/05.INO
AT142.01/04/05.INO
AT152.01/04/05.INO
AT182.01/04/05.INO



Suspension - direct/indirect emission

			W	Luminous Flux	Radiant Flux	CCT
1184 mm	DAY MODE	Direct emission	34 W	2975 lm	2052 mW	5000 K
		Indirect emission	23 W	2316 lm	1786 mW	
1480 mm	DAY MODE	Direct emission	42 W	3719 lm	2565 mW	5000 K
		Indirect emission	31 W	3088 lm	2382 mW	
2368 mm	DAY MODE	Direct emission	66 W	5950 lm	4104 mW	5000 K
		Indirect emission	50 W	4633 lm	3572 mW	
2960 mm	DAY MODE	Direct emission	82 W	7437 lm	5129 mW	5000 K
		Indirect emission	67 W	6177 lm	4763 mW	

Dimmable DALI* - INTEGRALIS

Code
AT192.01/04/05.INO
AT222.01/04/05.INO
AT232.01/04/05.INO
AT242.01/04/05.INO



Accessories suspension

Dimmable or APP Feeding kit including 2 suspension cables 2000 mm (5 poles)

Mechanical joint including 1 suspension cable

End cap kit 2x

Code

AT10500
AT10500APP

AT09500

AT894.01/04/05

Accessories ceiling

End cap kit (2 pcs)

Ceiling bracket and mechanical joint

End ceiling bracket (2 pcs)

BLL interface for APP with antenna
 Up to 40 addresses

Code

AT894.01/04/05

AT09501

AT09502

DV1054APP

Opal diffuser in polycarbonate (suspension, ceiling)

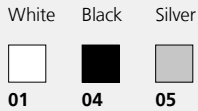
Length

1184 mm
 2368 mm
 2960 mm
 10000 mm roll
 25000 mm roll
 50000 mm roll

Code

AT09505IN
 AT09506IN
 AT09507IN
 AT10000IN
 AT10800IN
 AT10900IN

A.39 DIFFUSED EMISSION - PURE INTEGRALIS



Opal diffuser supplied separately.

MacAdam 3SDCM
Life L70 28400h
CRI = 80
CCT = 3600 K

IP20


Suspension, ceiling - direct emission

		W	Luminous Flux	Radiant Flux	CCT	INTEGRALIS APP Code
1184 mm	DAY MODE	39 W	3007 lm	4544 mW	3600 K	AT132.01/04/05.IN2APP
	NIGHT MODE	54 W	ND	14022 mW		
1480 mm	DAY MODE	49 W	3759 lm	5681 mW	3600 K	AT142.01/04/05.IN2APP
	NIGHT MODE	68 W	ND	17528 mW		
2368 mm	DAY MODE	78 W	6014 lm	9090 mW	3600 K	AT152.01/04/05.IN2APP
	NIGHT MODE	108 W	ND	28044 mW		
2960 mm	DAY MODE	97 W	7518 lm	11362 mW	3600 K	AT182.01/04/05.IN2APP
	NIGHT MODE	135 W	ND	35056 mW		



Suspension - direct/indirect emission

		W	Luminous Flux	Radiant Flux	CCT	INTEGRALIS APP Code	
1184 mm	DAY MODE	Direct emission	39 W	3007 lm	4544 mW	3600 K	AT192.01/04/05.IN2APP
		Indirect emission	17 W	2000 lm			
	NIGHT MODE	54 W	ND	14022 mW			
1480 mm	DAY MODE	Direct emission	49 W	3759 lm	5681 mW	3600 K	AT222.01/04/05.IN2APP
		Indirect emission	17 W	2000 lm			
	NIGHT MODE	68 W	ND	17528 mW			
2368 mm	DAY MODE	Direct emission	78 W	6014 lm	9090 mW	3600 K	AT232.01/04/05.IN2APP
		Indirect emission	34 W	4000 lm			
	NIGHT MODE	108 W	ND	28044 mW			
2960 mm	DAY MODE	Direct emission	97 W	7518 lm	11362 mW	3600 K	AT242.01/04/05.IN2APP
		Indirect emission	34 W	4000 lm			
	NIGHT MODE	135 W	ND	35056 mW			



Accessories suspension

Undimmable Feeding kit including 2 suspension cables 2000 mm (3 poles)

Code
AT10400

Mechanical joint including 1 suspension cable

AT09500

End cap kit 2x

AT894.01/04/05

Accessories ceiling

End cap kit (2 pcs)

Code
AT894.01/04/05

Ceiling bracket and mechanical joint

AT09501

End ceiling bracket (2 pcs)

AT09502

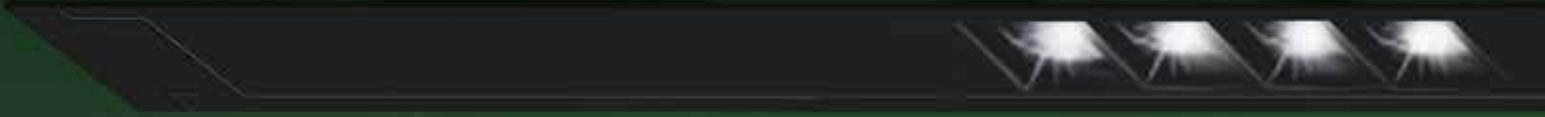
Opal diffuser in methacrylate (suspension, ceiling)

Length

1184 mm
2368 mm
2960 mm
10000 mm roll

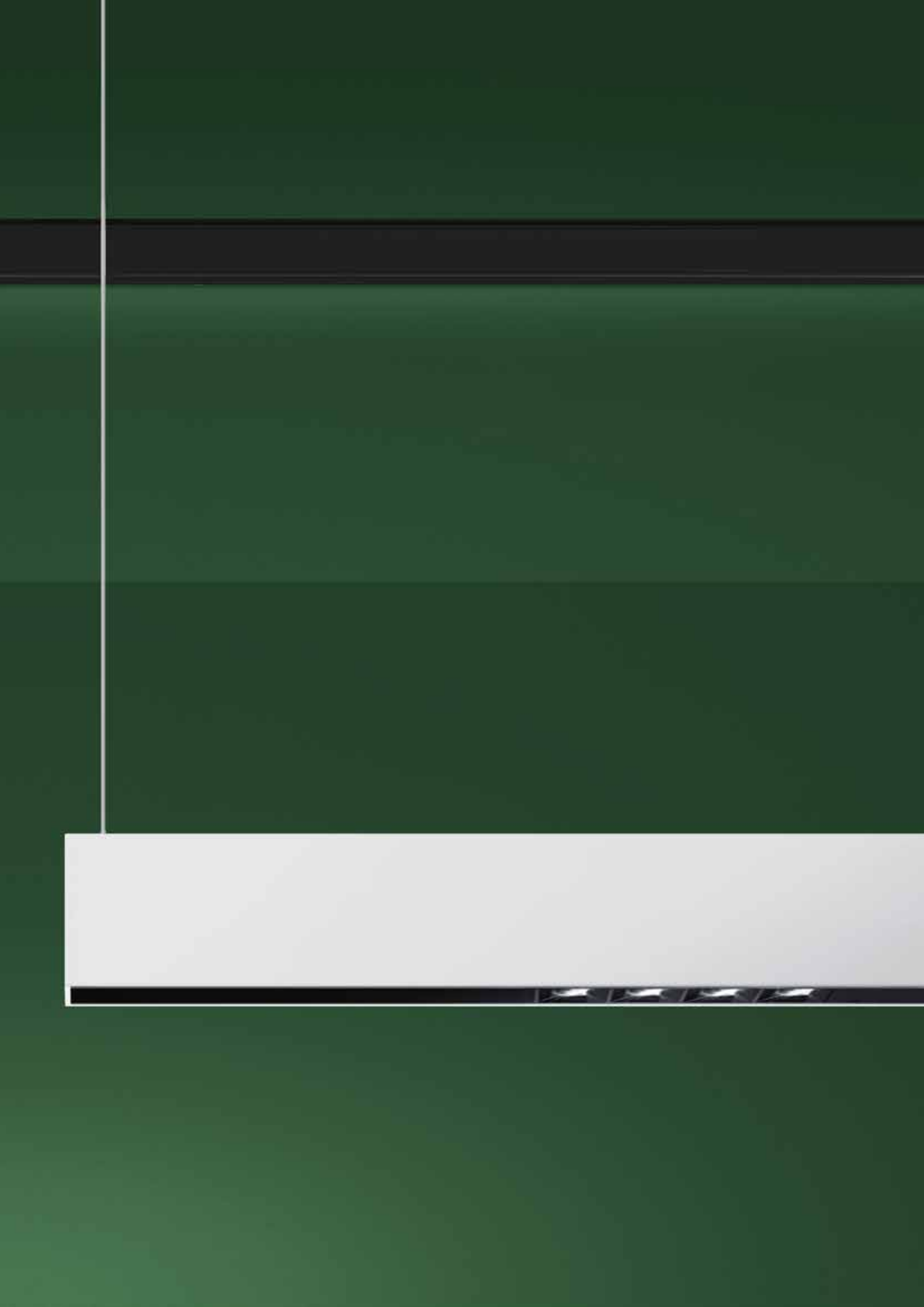
Code

AT09505IN
AT09506IN
AT09507IN
AT10000IN



A.39

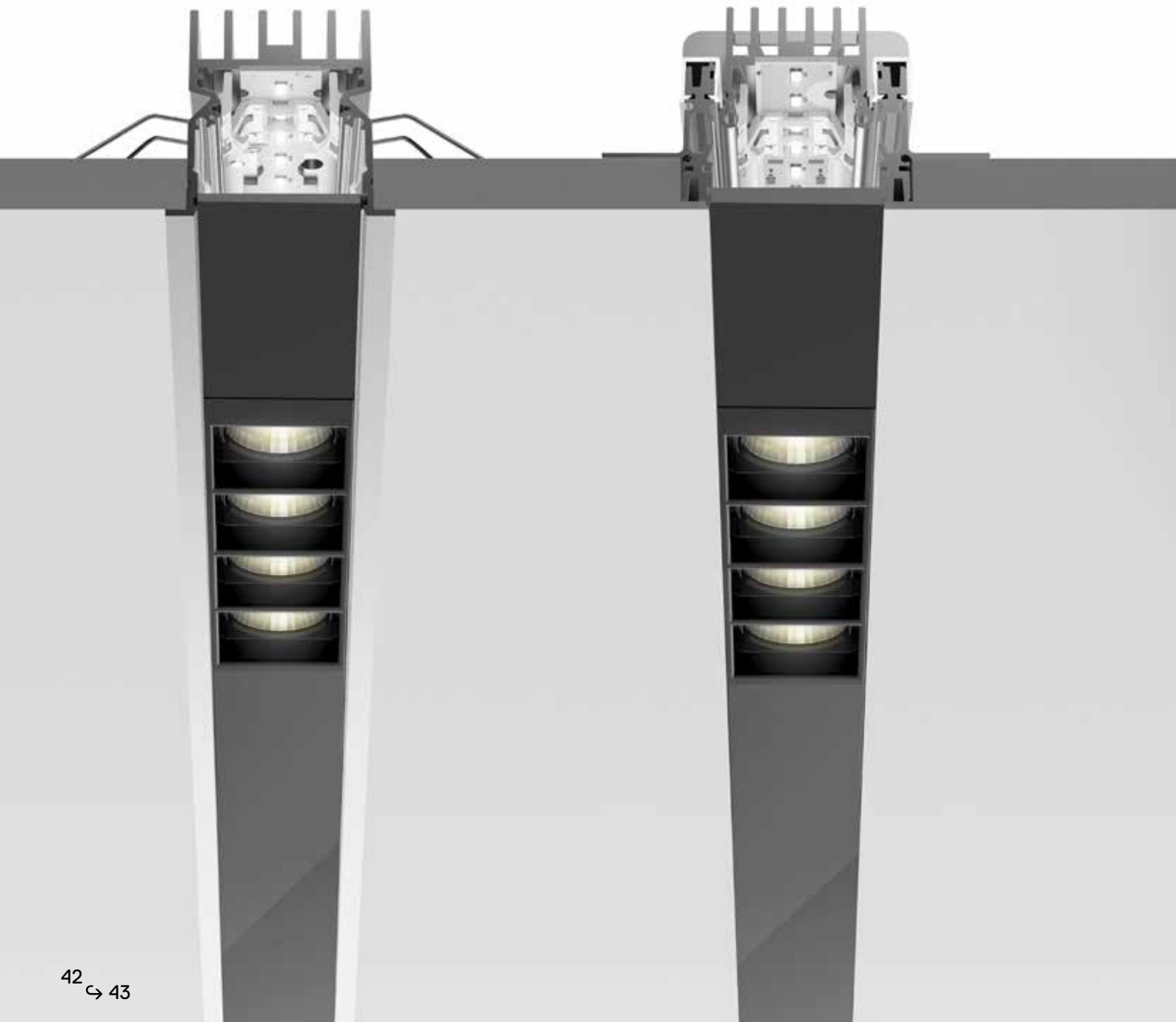
sharpping



A.39 Sharping space fittings

RECESSED
WITH TRIM

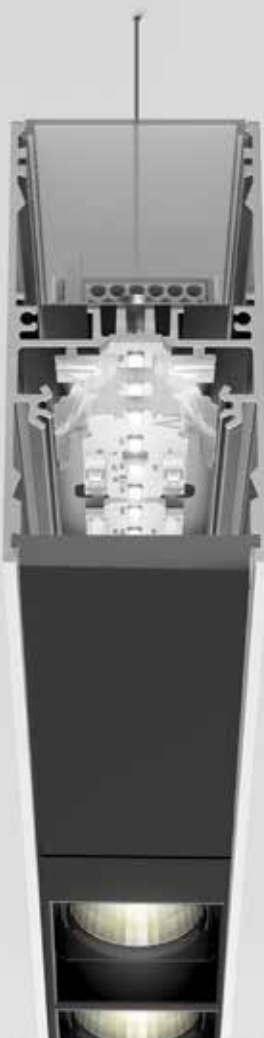
RECESSED
TRIMLESS



CEILING

SUSPENSION

SUSPENSION WITH
INDIRECT EMISSION



A.39 sharpening technology

The reflector is designed to perfectly control the LED emitted light with different beam angle in a minimal dimension.

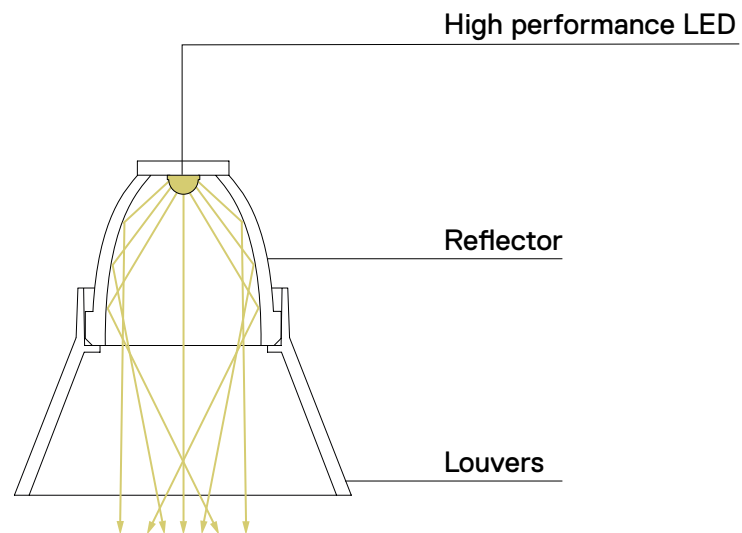
The small section of the reflector are studied to eliminate non-uniformities and blemishes in reflected light.

Each ray of light is reflected only one time by the section of the reflector and doesn't intercept the antiglare under the primary optics.

There is therefore no reduction in performance due to double reflections nor induced glare from this effect.

This also ensure a very high quality and uniformity of the emission without shadow or coloured spot.

PATENT OF INVENTION: OPTICS



Luminance <math><3000 \text{ cd/m}^2</math> @ 65°

REFLECTOR TECHNOLOGY

collects 100% of the LED luminous flux

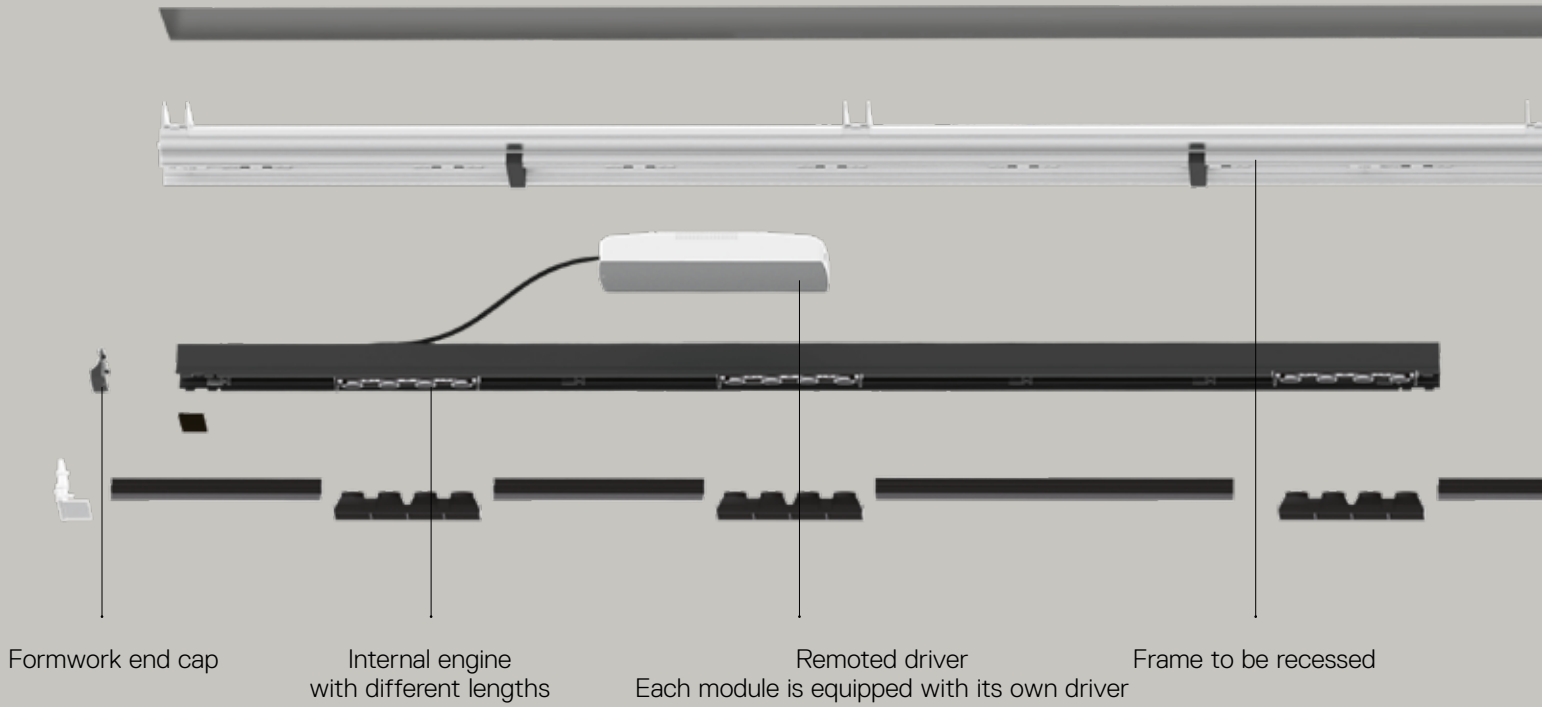
Efficiency

more than 75%

Glare control

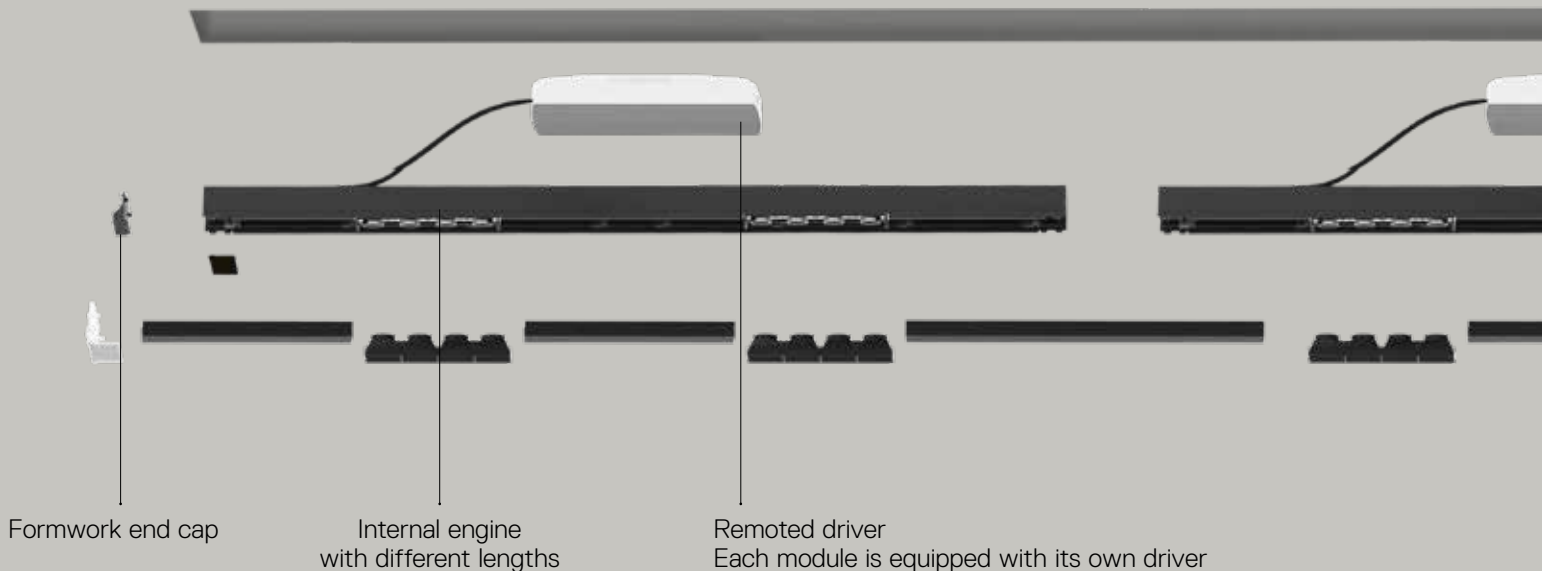
UGR <math>< 16</math>

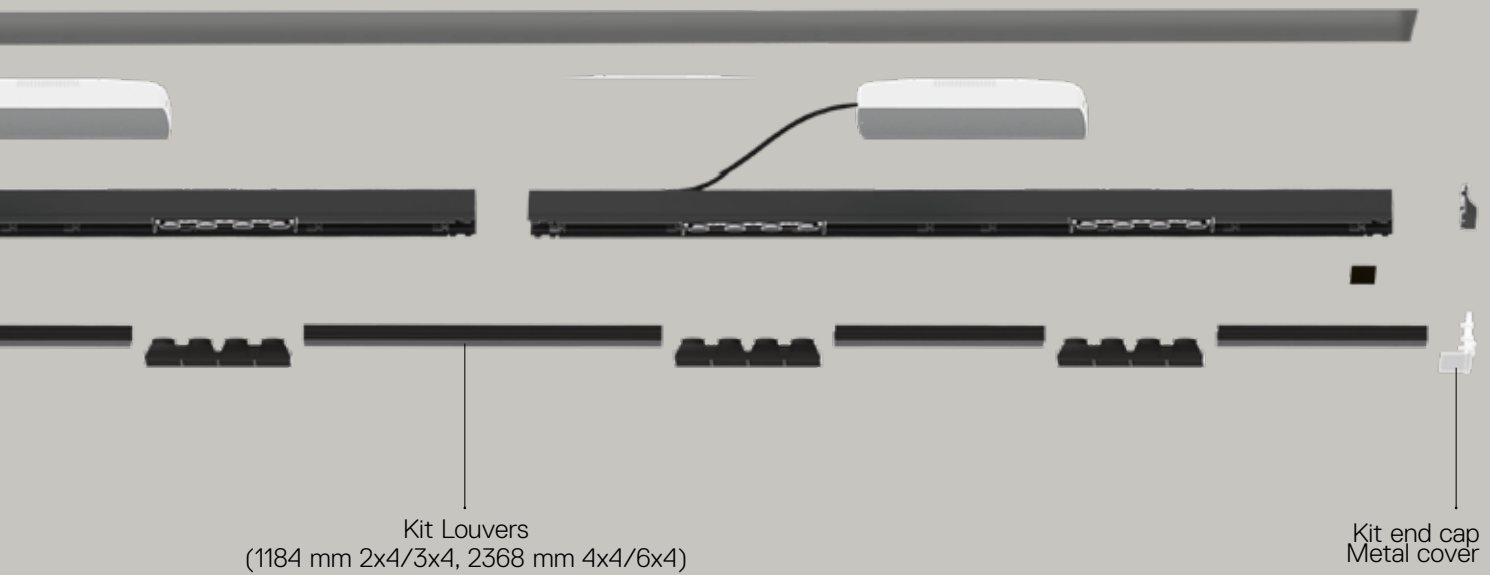
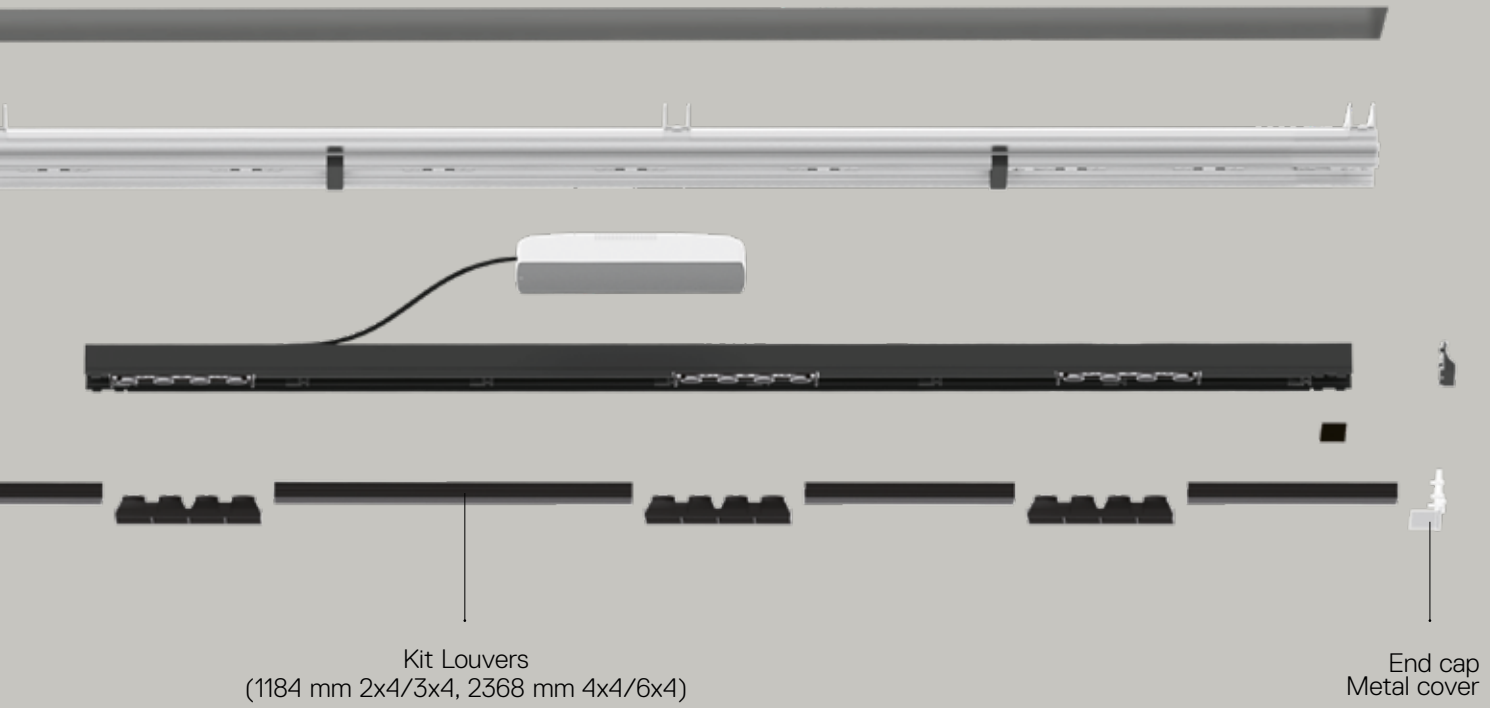
TRIMLESS



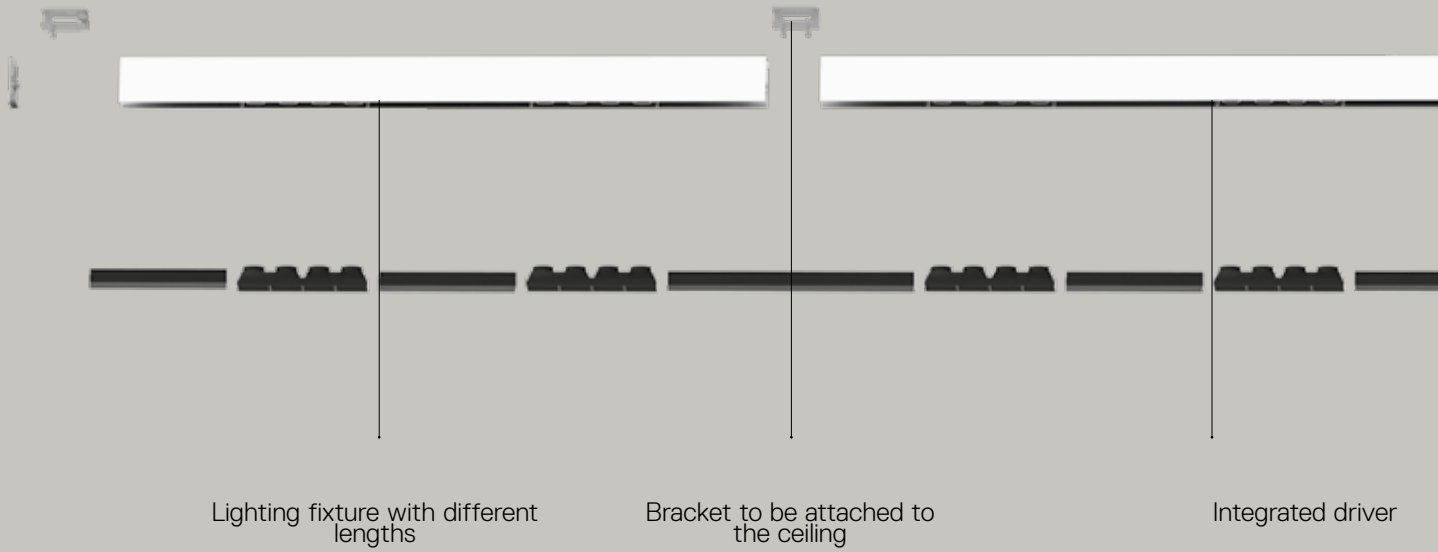
A.39 sharpening recessed components

TRIM



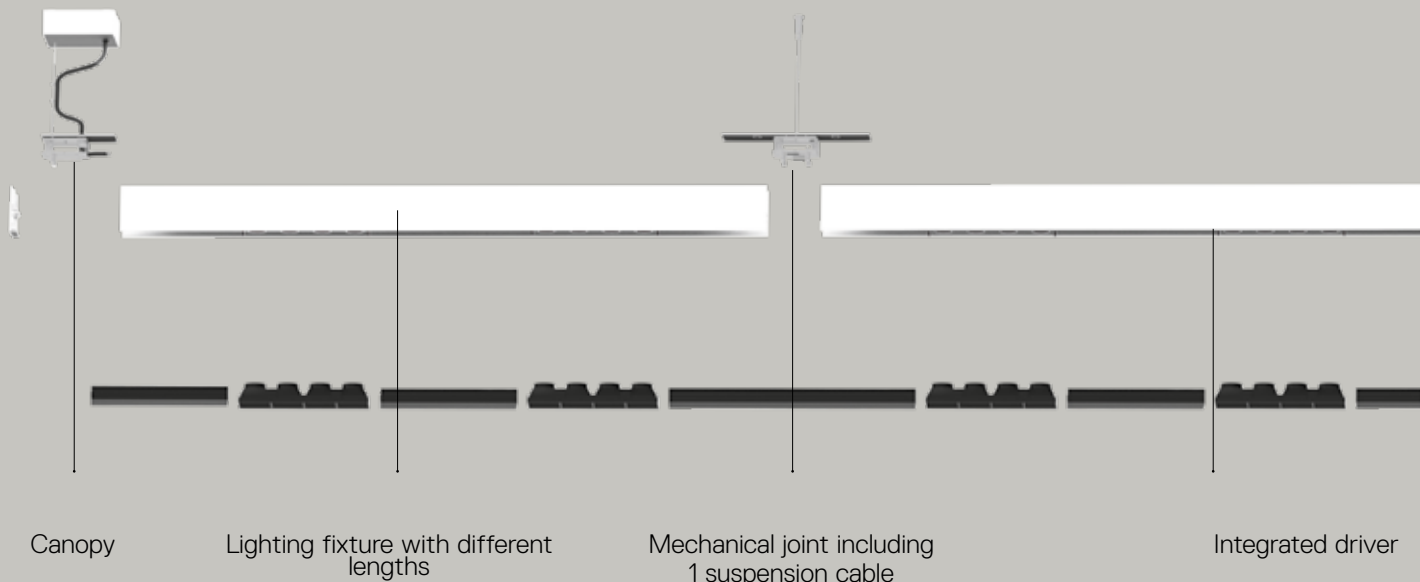


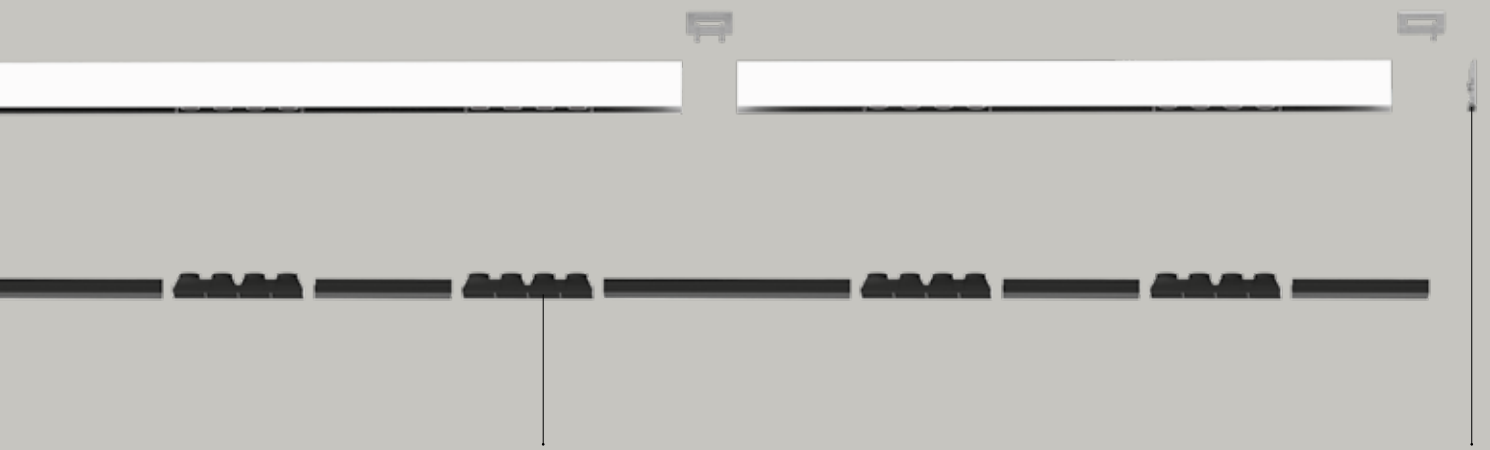
CEILING



A.39 sharpening ceiling, suspension components

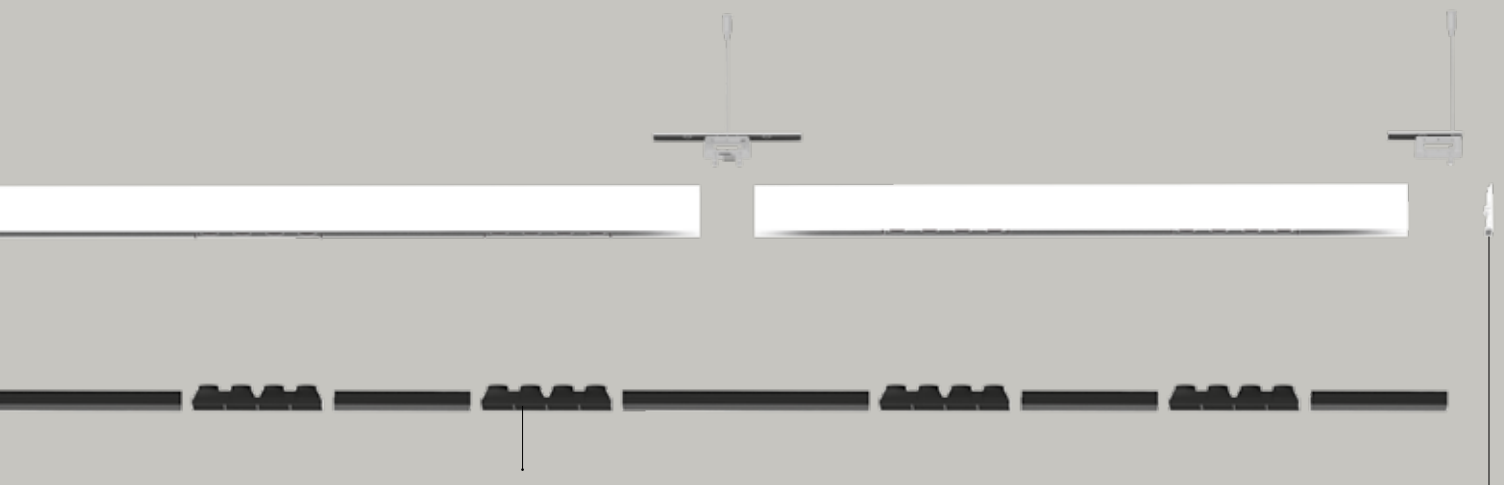
SUSPENSION





Opaline diffuser available in several preconfigured lengths
(1184, 2368, 2960 mm) or in roll (10, 25, 50 m)







End cap



Kit Louvers
(1184 mm 2x4/3x4, 2368 mm 4x4/6x4)

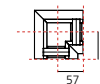
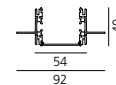
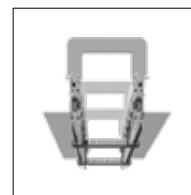
End cap

A.39 SHARPING EMISSION - RECESSED TRIMLESS

White	Black	S	F	XF	Louvers supplied separately. Driver 900mA SELV supplied separately. APP interface supplied separately. The APP driver can not be controlled by DALI dimming system and viceversa.	MacAdam 2SDCM L90 (20k) 118000h CRI >90 * Driver uses 1 DALI address	IP20
							
01	04						

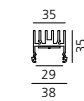
Formwork (aluminum)
Trimless recessed frame
Length 1184
Length 2368
Trimless frame end cap (2 pcs)
90° trimless formwork kit
L=57x57 mm


Code
BH30400
BH30500
BH30700
BH31100



Trimless							
Length	Optic	W LED	Beam	Flux	CCT		
1184 mm	2x4 optics	22 W	S 20°	1648 lm	3000 K		
				1764 lm	4000 K		
			F 36°	1542 lm	3000 K		
				1651 lm	4000 K		
			XF 52°	1597 lm	3000 K		
				1709 lm	4000 K		
	3x4 optics	33 W	S 20°	2473 lm	3000 K		
				2646 lm	4000 K		
			F 36°	2314 lm	3000 K		
				2476 lm	4000 K		
			XF 52°	2396 lm	3000 K		
				2564 lm	4000 K		
2368 mm	4x4 optics	44 W	S 20°	3297 lm	3000 K		
				3528 lm	4000 K		
			F 36°	3085 lm	3000 K		
				3301 lm	4000 K		
			XF 52°	3195 lm	3000 K		
				3419 lm	4000 K		
			6x4 optics	66 W	S 20°	4945 lm	3000 K
						5292 lm	4000 K
					F 36°	4627 lm	3000 K
		4952 lm			4000 K		
	XF 52°	4792 lm			3000 K		
		5128 lm			4000 K		

Code
BH24001
BH24101
BH24201
BH24301
BH24401
BH24501
BH25001
BH25101
BH25201
BH25301
BH25401
BH25501
BH26001
BH26101
BH26201
BH26301
BH26401
BH26501
BH27001
BH27101
BH27201
BH27301
BH27401
BH27501




Covers (not lit)	
	90° corner covers L=57x57 mm

Code
BH440. 01/04

Louvers	
Length	Optic
1184 mm	2x4 optics
	3x4 optics
	4x4 optics
2368 mm	4x4 optics
	6x4 optics

Code
AE400. 01/04
AE410. 01/04
AE420. 01/04
AE430. 01/04

Optional accessories	
	Sharping wall grazer lens Kit (4pcs) 26°x70° elliptical lenses kit. It has to be used on top of S 20° reflectors to get an elliptical beam (greater axis along the module length). It contains 4 lenses.

Code
AF06000

Driver		
Optic units	W	Vac
1184 mm (2x4)	25 W 900mA	220-240
1184 mm (3x4)	45 W 900mA	220-240
2368 mm (4x4)	60 W 900mA	220-240
2368 mm (6x4) - order 2 pcs	45 W 900mA	220-240

Undimmable
Code
DV1022
DV1023
DV1024
DV1023

DALI*
Code
DV1026
DV1027
DV1028
DV1029

APP
Code
DV1053APP
DV1053APP
DV1053APP
DV1053APP (2x)

¹ Direct luminous flux: measured using white louvers.
With black louvers -10% output flux.

A.39 SHARPING EMISSION - RECESSED TRIM

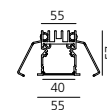
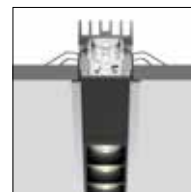
White	Black	Silver	S	F	XF
					
01	04	05			

Louvers supplied separately.
 Driver 900mA SELV supplied separately.
 APP interface supplied separately.
 The APP driver can not be controlled by DALI dimming system and viceversa.

MacAdam 2SDCM
 Life L90 (20k) 118000h
 CRI >90
 * Driver uses 1 DALI address

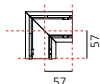
IP20

Trim						Code				
Length	Optic	W LED	Beam	Flux	CCT					
1184 mm	2x4 optics	22 W	S 20°	1648 lm	3000 K	BH200.	01/04/05			
				1764 lm	4000 K	BH201.	01/04/05			
			F 36°	1542 lm	3000 K	BH202.	01/04/05			
				1651 lm	4000 K	BH203.	01/04/05			
			XF 52°	1597 lm	3000 K	BH204.	01/04/05			
				1709 lm	4000 K	BH205.	01/04/05			
	3x4 optics	33 W	S 20°	2473 lm	3000 K	BH210.	01/04/05			
				2646 lm	4000 K	BH211.	01/04/05			
			F 36°	2314 lm	3000 K	BH212.	01/04/05			
				2476 lm	4000 K	BH213.	01/04/05			
			XF 52°	2396 lm	3000 K	BH214.	01/04/05			
				2564 lm	4000 K	BH215.	01/04/05			
			2368 mm	4x4 optics	44 W	S 20°	3297 lm	3000 K	BH220.	01/04/05
							3528 lm	4000 K	BH221.	01/04/05
						F 36°	3085 lm	3000 K	BH222.	01/04/05
3301 lm	4000 K	BH223.					01/04/05			
XF 52°	3195 lm	3000 K				BH224.	01/04/05			
	3419 lm	4000 K				BH225.	01/04/05			
6x4 optics	66 W	S 20°		4945 lm	3000 K	BH230.	01/04/05			
				5292 lm	4000 K	BH231.	01/04/05			
		F 36°		4627 lm	3000 K	BH232.	01/04/05			
				4952 lm	4000 K	BH233.	01/04/05			
		XF 52°		4792 lm	3000 K	BH234.	01/04/05			
				5128 lm	4000 K	BH235.	01/04/05			



Angle elements (not lit)

90° trim recessed corner
 (on same plane)
 L=57x57 mm



Code
BH310. 01/04

Covers (not lit)

90° corner covers
 L=57x57 mm



Code
BH440. 01/04

Components

Trim module end cap kit (2 pcs)
 up to 5 m

Code
AT090. 01/04/05

up to 15 m

AT091. 01/04/05

up to 35 m

AT092. 01/04/05

Louvers

Length	Optic
1184 mm	2x4 optics
	3x4 optics
2368 mm	4x4 optics
	6x4 optics

Code
AE400. 01/04
AE410. 01/04
AE420. 01/04
AE430. 01/04

Optional accessories



Sharping wall grazer lens Kit (4pcs)
 26°x70° elliptical lenses kit. It has to be used on top of S 20° reflectors to get an elliptical beam (greater axis along the module length). It contains 4 lenses.

Code
AF06000

Driver

Optic units	W	Vac
1184 mm (2x4)	25 W 900mA	220-240
1184 mm (3x4)	45 W 900mA	220-240
2368 mm (4x4)	60 W 900mA	220-240
2368 mm (6x4) - order 2 pcs	45 W 900mA	220-240

Undimmable

Code
DV1022
DV1023
DV1024
DV1023

DALI*

Code
DV1026
DV1027
DV1028
DV1029

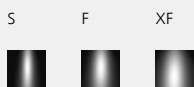
APP

Code
DV1053APP
DV1053APP
DV1053APP
DV1053APP (2x)

¹ Direct luminous flux: measured using white louvers.
 With black louvers -10% output flux.



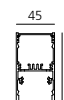
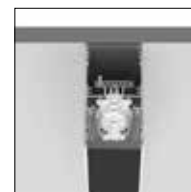
A.39 SHARPING EMISSION - CEILING



Louvers supplied separately.
 APP interface supplied separately.
 APP interface supplied separately.
 The APP driver can not be controlled
 by DALI dimming system and viceversa.

MacAdam 2SDCM
 Life L90 (20k) 118000h
 CRI >90
 * Uses 1 DALI address
 **Uses 2 DALI address

Direct emission						Undimmable		Dimmable DALI*	
Length	Optic	W	Beam	Flux ¹	CCT	Code		Code	
1184 mm	2x4 optics	27 W	S 20°	1648 lm	3000 K	BH040.	01/04/05	BH042.	01/04/05
				1764 lm	4000 K	BH041.	01/04/05	BH043.	01/04/05
			F 36°	1542 lm	3000 K	BH044.	01/04/05	BH046.	01/04/05
				1651 lm	4000 K	BH045.	01/04/05	BH047.	01/04/05
			XF 52°	1597 lm	3000 K	BH048.	01/04/05	BH050.	01/04/05
				1709 lm	4000 K	BH049.	01/04/05	BH051.	01/04/05
	3x4 optics	38 W	S 20°	2473 lm	3000 K	BH000.	01/04/05	BH002.	01/04/05
				2646 lm	4000 K	BH001.	01/04/05	BH003.	01/04/05
			F 36°	2314 lm	3000 K	BH004.	01/04/05	BH006.	01/04/05
				2476 lm	4000 K	BH005.	01/04/05	BH007.	01/04/05
			XF 52°	2396 lm	3000 K	BH008.	01/04/05	BH010.	01/04/05
				2564 lm	4000 K	BH009.	01/04/05	BH011.	01/04/05
2368 mm	4x4 optics	54 W	S 20°	3297 lm	3000 K	BH060.	01/04/05	BH062.	01/04/05
				3528 lm	4000 K	BH061.	01/04/05	BH063.	01/04/05
			F 36°	3085 lm	3000 K	BH064.	01/04/05	BH066.	01/04/05
				3301 lm	4000 K	BH065.	01/04/05	BH067.	01/04/05
			XF 52°	3195 lm	3000 K	BH068.	01/04/05	BH070.	01/04/05
				3419 lm	4000 K	BH069.	01/04/05	BH071.	01/04/05
	6x4 optics	75 W ND 70W DALI	S 20°	4945 lm	3000 K	BH020.	01/04/05	BH022.	01/04/05
				5292 lm	4000 K	BH021.	01/04/05	BH023.	01/04/05
			F 36°	4627 lm	3000 K	BH024.	01/04/05	BH026.	01/04/05
				4952 lm	4000 K	BH025.	01/04/05	BH027.	01/04/05
			XF 52°	4792 lm	3000 K	BH028.	01/04/05	BH030.	01/04/05
				5128 lm	4000 K	BH029.	01/04/05	BH031.	01/04/05



Angle elements (not lit)

90° suspension/ceiling corner
 (on same plane)
 L=57x57 mm



Covers (not lit)

Covers (not lit)

90° corner covers
 L=57x57 mm



Covers (not lit)

Code
BH440. 01/04

Louvers

Length	Optic	Code
1184 mm	2x4 optics	AE400. 01/04
	3x4 optics	AE410. 01/04
	4x4 optics	AE420. 01/04
2368 mm	6x4 optics	AE430. 01/04

Accessories ceiling

End caps (2 pcs) Code **BH164.** 01/04/05

Ceiling bracket and mechanical joint Code **AT09501**

End ceiling bracket (2 pcs) Code **AT09502**

Optional accessories

Sharping wall grazer lens Kit (4pcs)
 26°x70° elliptical lenses kit. It has to be used on top of S 20° reflectors to get an elliptical beam (greater axis along the module length). It contains 4 lenses.

APP Interface

Code **AF06000**

APP Interface








BLL interface for APP with antenna
 Up to 40 addresses

APP

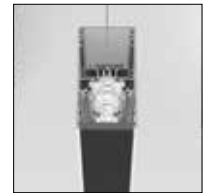
Code **DV1054APP**

¹ Direct luminous flux: measured using white louvers.
 With black louvers -10% output flux.

A.39 SHARPING EMISSION - SUSPENSION

White  01	Black  04	Silver  05	S 	F 	XF 	Louvers supplied separately. APP interface supplied separately. The APP driver can not be controlled by DALI dimming system and viceversa.	MacAdam 2SDCM Life L90 (20k) 118000h CRI >90 *Uses 1 DALI address	IP20 
---	---	--	--	--	---	---	--	--

Direct emission						Undimmable		Dimmable DALI*			
Length	Optic	W	Beam	Flux ¹	CCT	Code		Code			
1184 mm*	2x4 optics	27 W	S 20°	1648 lm	3000 K	BH040.	01/04/05	BH042.	01/04/05		
				1764 lm	4000 K	BH041.	01/04/05	BH043.	01/04/05		
			F 36°	1542 lm	3000 K	BH044.	01/04/05	BH046.	01/04/05	BH047.	01/04/05
				1651 lm	4000 K	BH045.	01/04/05	BH048.	01/04/05	BH049.	01/04/05
			XF 52°	1597 lm	3000 K	BH048.	01/04/05	BH050.	01/04/05	BH051.	01/04/05
				1709 lm	4000 K	BH049.	01/04/05	BH000.	01/04/05	BH002.	01/04/05
	3x4 optics	38 W	S 20°	2473 lm	3000 K	BH000.	01/04/05	BH002.	01/04/05		
				2646 lm	4000 K	BH001.	01/04/05	BH003.	01/04/05		
			F 36°	2314 lm	3000 K	BH004.	01/04/05	BH006.	01/04/05	BH007.	01/04/05
				2476 lm	4000 K	BH005.	01/04/05	BH008.	01/04/05	BH010.	01/04/05
			XF 52°	2396 lm	3000 K	BH008.	01/04/05	BH011.	01/04/05	BH012.	01/04/05
				2564 lm	4000 K	BH009.	01/04/05	BH013.	01/04/05	BH014.	01/04/05
2368 mm	4x4 optics	54 W	S 20°	3297 lm	3000 K	BH060.	01/04/05	BH062.	01/04/05		
				3528 lm	4000 K	BH061.	01/04/05	BH063.	01/04/05		
			F 36°	3085 lm	3000 K	BH064.	01/04/05	BH066.	01/04/05	BH067.	01/04/05
				3301 lm	4000 K	BH065.	01/04/05	BH068.	01/04/05	BH070.	01/04/05
			XF 52°	3195 lm	3000 K	BH068.	01/04/05	BH069.	01/04/05	BH071.	01/04/05
				3419 lm	4000 K	BH069.	01/04/05	BH020.	01/04/05	BH022.	01/04/05
	6x4 optics	70 W DALI	S 20°	4945 lm	3000 K	BH020.	01/04/05	BH022.	01/04/05		
				5292 lm	4000 K	BH021.	01/04/05	BH023.	01/04/05		
			F 36°	4627 lm	3000 K	BH024.	01/04/05	BH026.	01/04/05	BH027.	01/04/05
		4952 lm		4000 K	BH025.	01/04/05	BH028.	01/04/05	BH030.	01/04/05	
		XF 52°	4792 lm	3000 K	BH028.	01/04/05	BH029.	01/04/05	BH031.	01/04/05	
			5128 lm	4000 K	BH029.	01/04/05					



Angle elements (not lit)

90° suspension/ceiling corner
(on same plane)
L=57x57 mm



Code
BH350. 01/04/05

Covers (not lit)

90° corner covers
57x57mm



Code
BH440. 01/04

Louvers		Code
Length	Optic	
1184 mm	2x4 optics	AE400. 01/04
	3x4 optics	AE410. 01/04
2368 mm	4x4 optics	AE420. 01/04
	6x4 optics	AE430. 01/04

Code
AE400. 01/04
AE410. 01/04
AE420. 01/04
AE430. 01/04

Optional accessories

Sharping wall grazer lens Kit (4pcs)
26°x70° elliptical lenses kit. It has to be used on top of S 20° reflectors to get an elliptical beam (greater axis along the module length). It contains 4 lenses.










Code
AF06000

Accessories suspension		Code
Mechanical joint including 1 suspension cable		AT09500
End caps kit (2 pcs)		BH164. 01/04/05
Undimmable Feeding kit including 2 suspension cables (3 poles) 2000h mm		AT10400
Dimmable or APP Feeding kit including 2 suspension cables (5 poles) 2000h mm		AT10500 AT10500APP

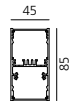
Code
AT09500
BH164. 01/04/05
AT10400
AT10500 AT10500APP

¹ Direct luminous flux: measured using white louvers.
With black louvers -10% output flux.

A.39 SHARPING EMISSION - SUSPENSION

White	Black	Silver	S	F	XF	Louvers supplied separately. APP interface supplied separately. The APP driver can not be controlled by DALI dimming system and viceversa.	MacAdam 2SDCM L90 (20k) 118000h CRI >90 ** Uses 2 DALI addresses	IP20
								
01	04	05						

Direct and Indirect emission						Undimmable	Dimmable DALI**
Length	Optic	W	Beam	Flux ¹	CCT	Code	Code
1184 mm	2x4 optics	27 W direct	S 20°	1648 lm direct	3000 K	BH120. 01/04/05	BH122. 01/04/05
				3075 lm indirect			
		26 W indirect	S 20°	1764 lm direct	4000 K	BH121. 01/04/05	BH123. 01/04/05
				3075 lm indirect			
		F 36°	S 20°	1542 lm direct	3000 K	BH124. 01/04/05	BH126. 01/04/05
				3075 lm indirect			
	F 36°	S 20°	1651 lm direct	4000 K	BH125. 01/04/05	BH127. 01/04/05	
			3075 lm indirect				
	XF 52°	S 20°	1597 lm direct	3000 K	BH128. 01/04/05	BH130. 01/04/05	
			3075 lm indirect				
	XF 52°	S 20°	1709 lm direct	4000 K	BH129. 01/04/05	BH131. 01/04/05	
			3075 lm indirect				
2368 mm	3x4 optics	38 W direct	S 20°	2473 lm direct	3000 K	BH080. 01/04/05	BH082. 01/04/05
				2646 lm direct	4000 K		
		26 W indirect	S 20°	2314 lm direct	3000 K	BH084. 01/04/05	BH086. 01/04/05
				3075 lm indirect			
		F 36°	S 20°	2476 lm direct	4000 K	BH085. 01/04/05	BH087. 01/04/05
				3075 lm indirect			
	XF 52°	S 20°	2396 lm direct	3000 K	BH088. 01/04/05	BH090. 01/04/05	
			3075 lm indirect				
	XF 52°	S 20°	2564 lm direct	4000 K	BH089. 01/04/05	BH091. 01/04/05	
			3075 lm indirect				
	4x4 optics	54 W direct	S 20°	3297 lm direct	3000 K	BH140. 01/04/05	BH142. 01/04/05
				6150 lm indirect			
50 W indirect		S 20°	3528 lm direct	4000 K	BH141. 01/04/05	BH143. 01/04/05	
			6150 lm indirect				
F 36°		S 20°	3085 lm direct	3000 K	BH144. 01/04/05	BH146. 01/04/05	
			6150 lm indirect				
F 36°	S 20°	3301 lm direct	4000 K	BH145. 01/04/05	BH147. 01/04/05		
		6150 lm indirect					
6x4 optics	70 W direct DALI	S 20°	3195 lm direct	3000 K	BH148. 01/04/05	BH150. 01/04/05	
			6150 lm indirect				
	75 W direct Undimmable	S 20°	3419 lm direct	4000 K	BH149. 01/04/05	BH151. 01/04/05	
			6150 lm indirect				
	50 W indirect	S 20°	4945 lm direct	3000 K	BH100. 01/04/05	BH102. 01/04/05	
			6150 lm indirect				
F 36°	S 20°	5292 lm direct	4000 K	BH101. 01/04/05	BH103. 01/04/05		
		6150 lm indirect					
F 36°	S 20°	4627 lm direct	3000 K	BH104. 01/04/05	BH106. 01/04/05		
		6150 lm indirect					
XF 52°	S 20°	4952 lm direct	4000 K	BH105. 01/04/05	BH107. 01/04/05		
		6150 lm indirect					
XF 52°	S 20°	4792 lm direct	3000 K	BH108. 01/04/05	BH110. 01/04/05		
		6150 lm indirect					
XF 52°	S 20°	5128 lm direct	4000 K	BH109. 01/04/05	BH111. 01/04/05		
		6150 lm indirect					



Angle elements (not lit)

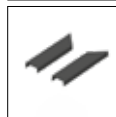
90° suspension corner
(on same plane)
L=57x57 mm



Code
BH350. 01/04/05

Covers (not lit)

90° corner covers
L=57x57 mm



Code
BH440. 01/04

Louvers

Length	Optic
1184 mm	2x4 optics
	3x4 optics
2368 mm	4x4 optics
	6x4 optics

Code
AE400. 01/04
AE410. 01/04
AE420. 01/04
AE430. 01/04

Accessories suspension

Mechanical joint including 1 suspension cable

Code
AT09500

End caps kit 2x

BH164. 01/04/05

Optional accessories



Sharping wall grazer lens Kit (4pcs)
26°x70° elliptical lenses kit. It has to be used on top of S 20° reflectors to get an elliptical beam (greater axis along the module length). It contains 4 lenses.

Code
AF06000

Undimmable Feeding kit including 2 suspension cables (3 poles) 2000h mm

AT10400

Dimmable or APP Feeding kit including 2 suspension cables (5 poles) 2000h mm

AT10500
AT10500APP

¹ Direct luminous flux: measured using white louvers.
With black louvers -10% output flux.



A.39

controlled emission



**Controlled emission LED optic System
UGR index control and 65°
luminance (EN 12464)**

Patent-pending proprietary optic system made by a thin black square-meshed grid and by a system of square plano-convex lenses of appropriate beam angle. The internal part of the grid is white painted and has a high reflection coefficient, so that the light incident on the grid is retrieved within the body.

A net 'cut off' at the required angle is obtained through this system.

The convex profile of the lens is designed with images optic techniques, so that the emission is limited within the 65° required by standard EN 12464.

UGR<19

Angle luminance equals to 65° and beyond: <3,000 cd/m².

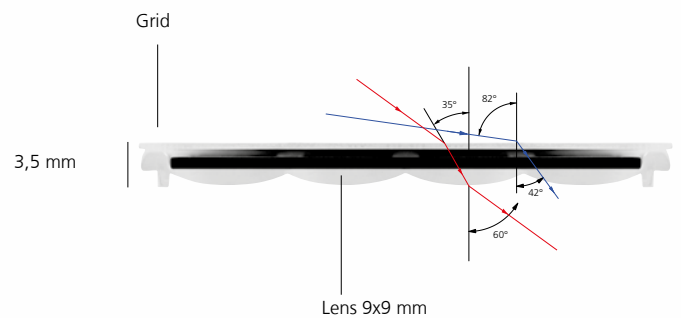
Patent pending

Operating diagram of the optical device used:

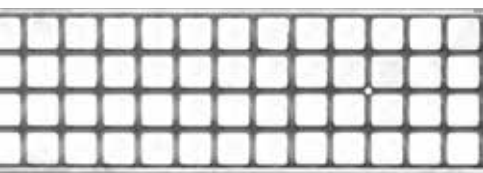
The grid positioned over the lenses allows only the rays falling into the required output angular limits to be incident to the lenses.

The rays beyond these limits are recovered and redirected inside the light box (if the ray is incident to the white surface) or cancelled (if the ray is incident to the black edge).

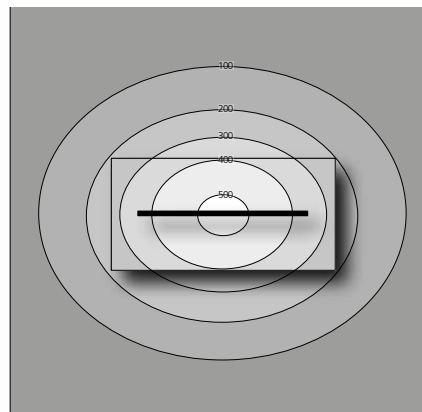
Functioning scheme



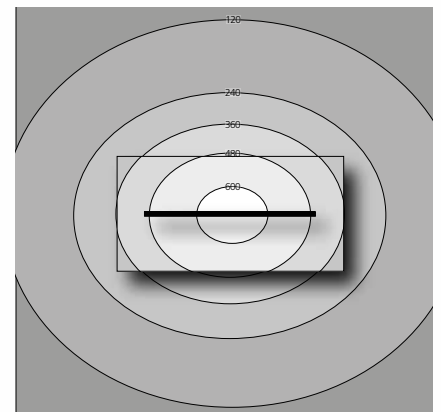
light ON



light OFF

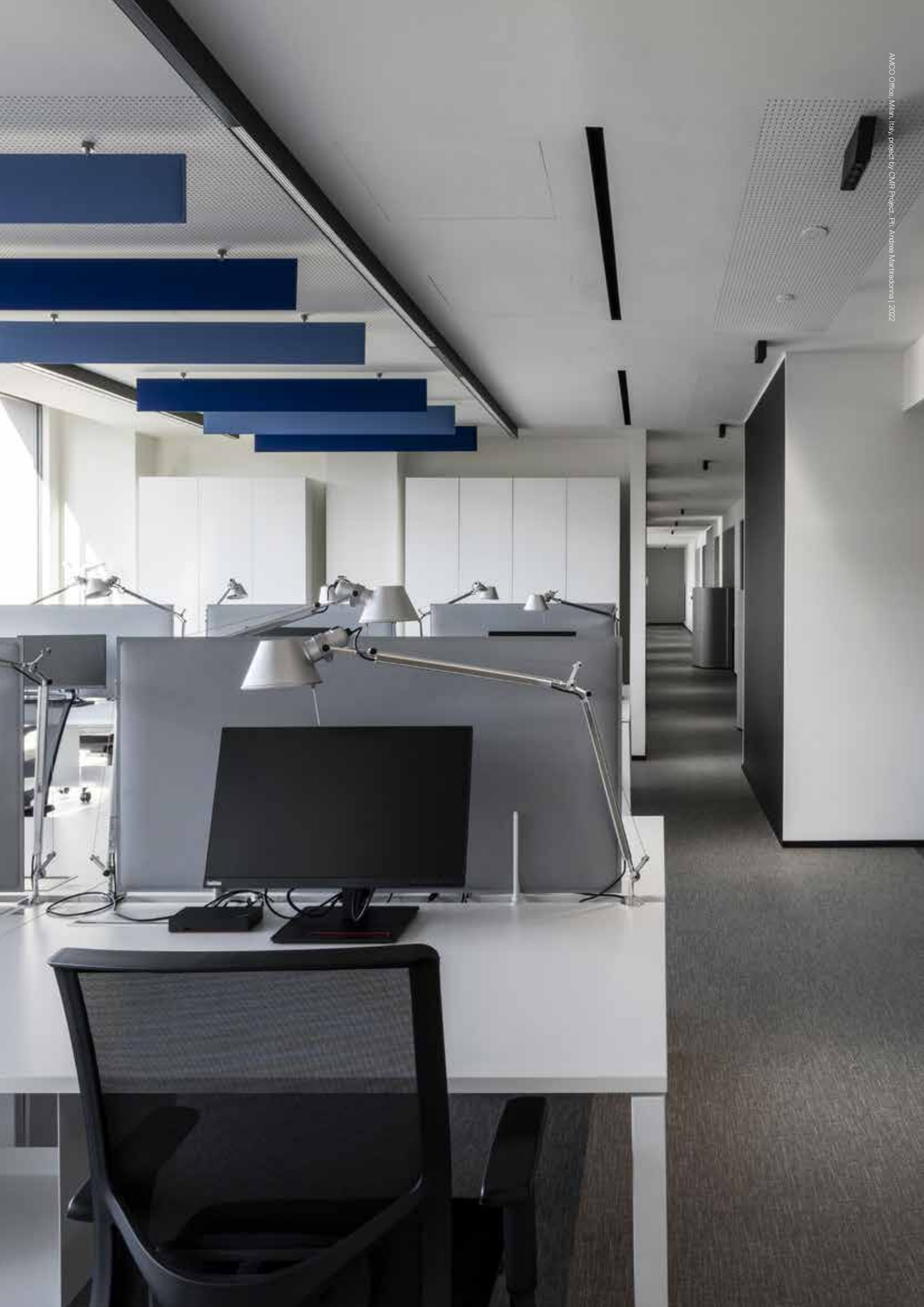


Direct emission

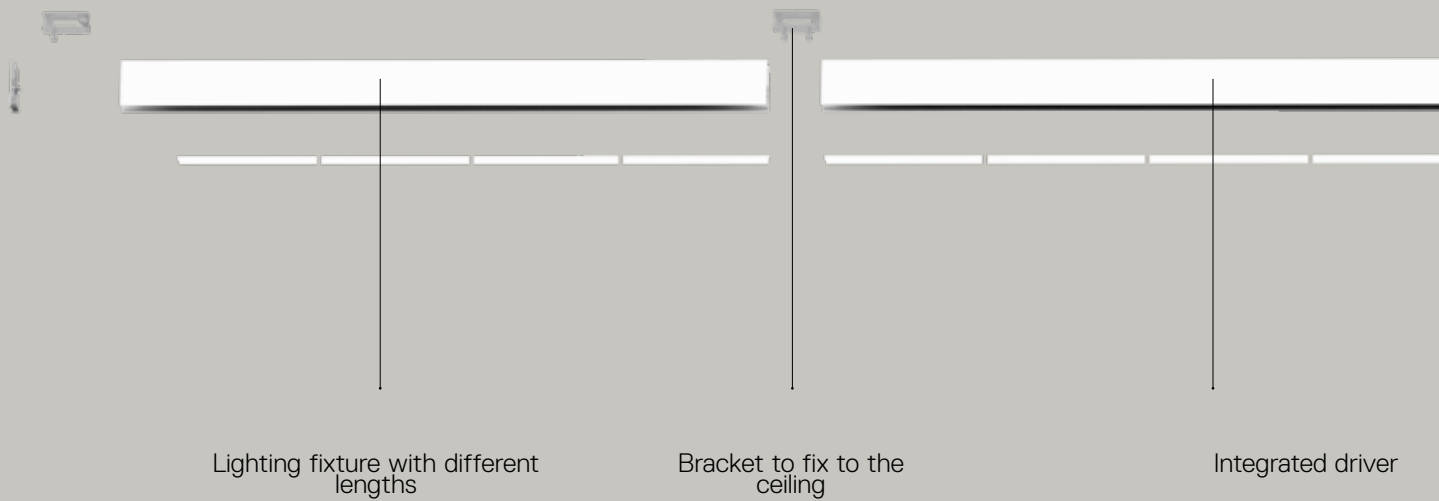


Direct emission + indirect



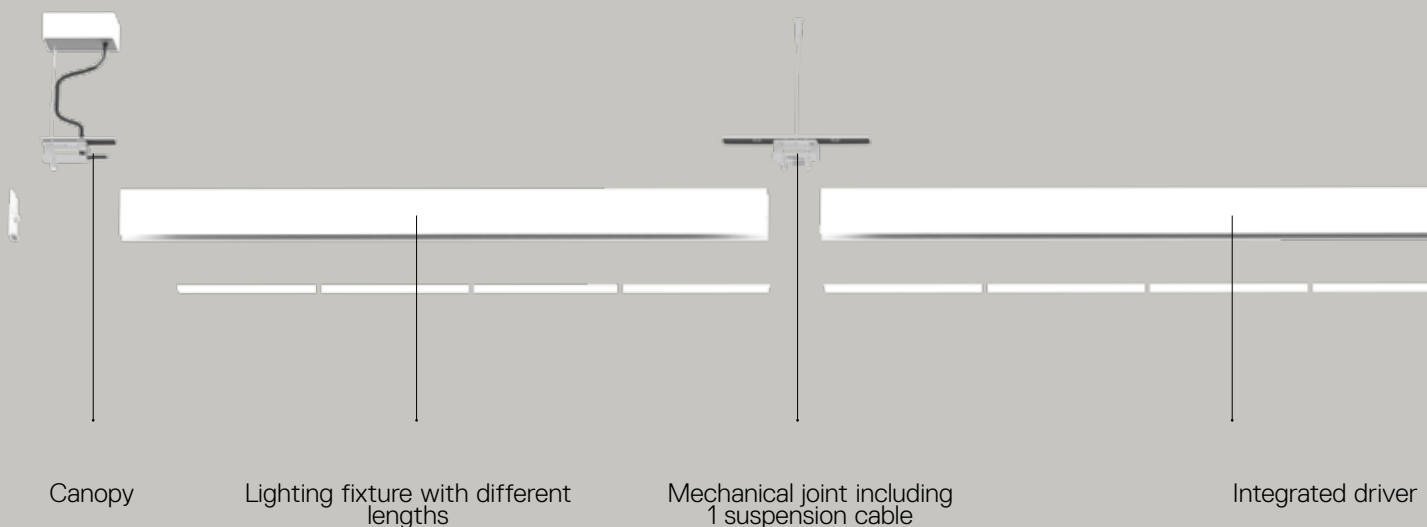


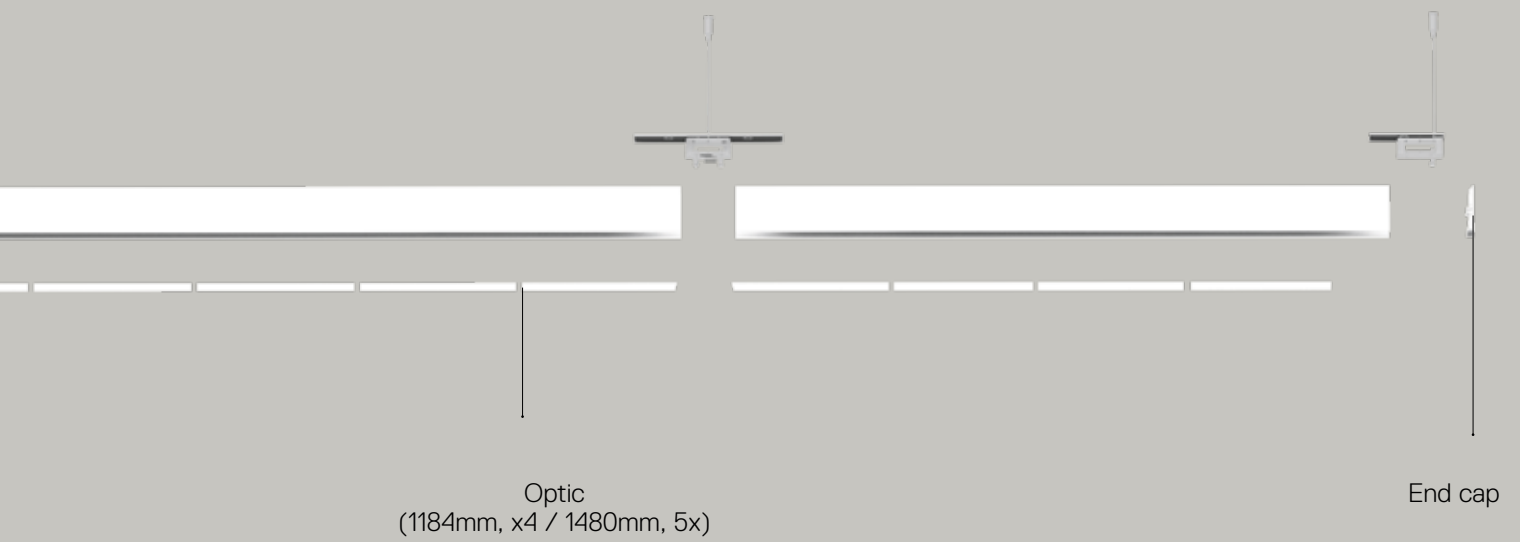
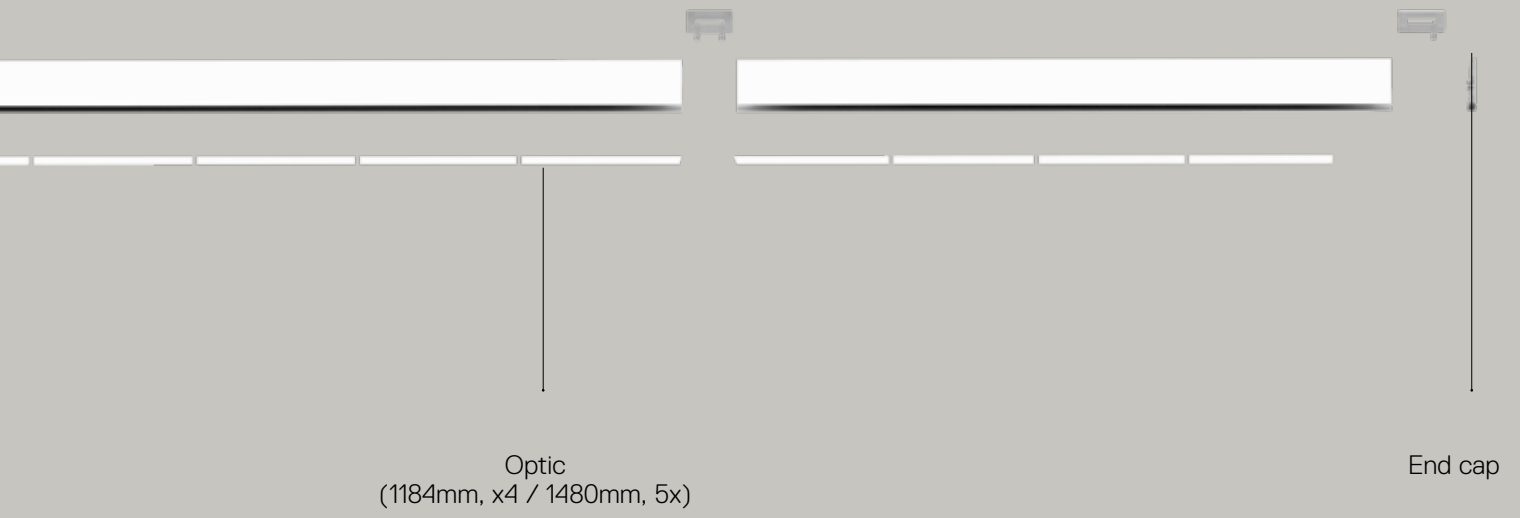
CEILING



A.39 controlled emission ceiling, suspension components

SUSPENSION





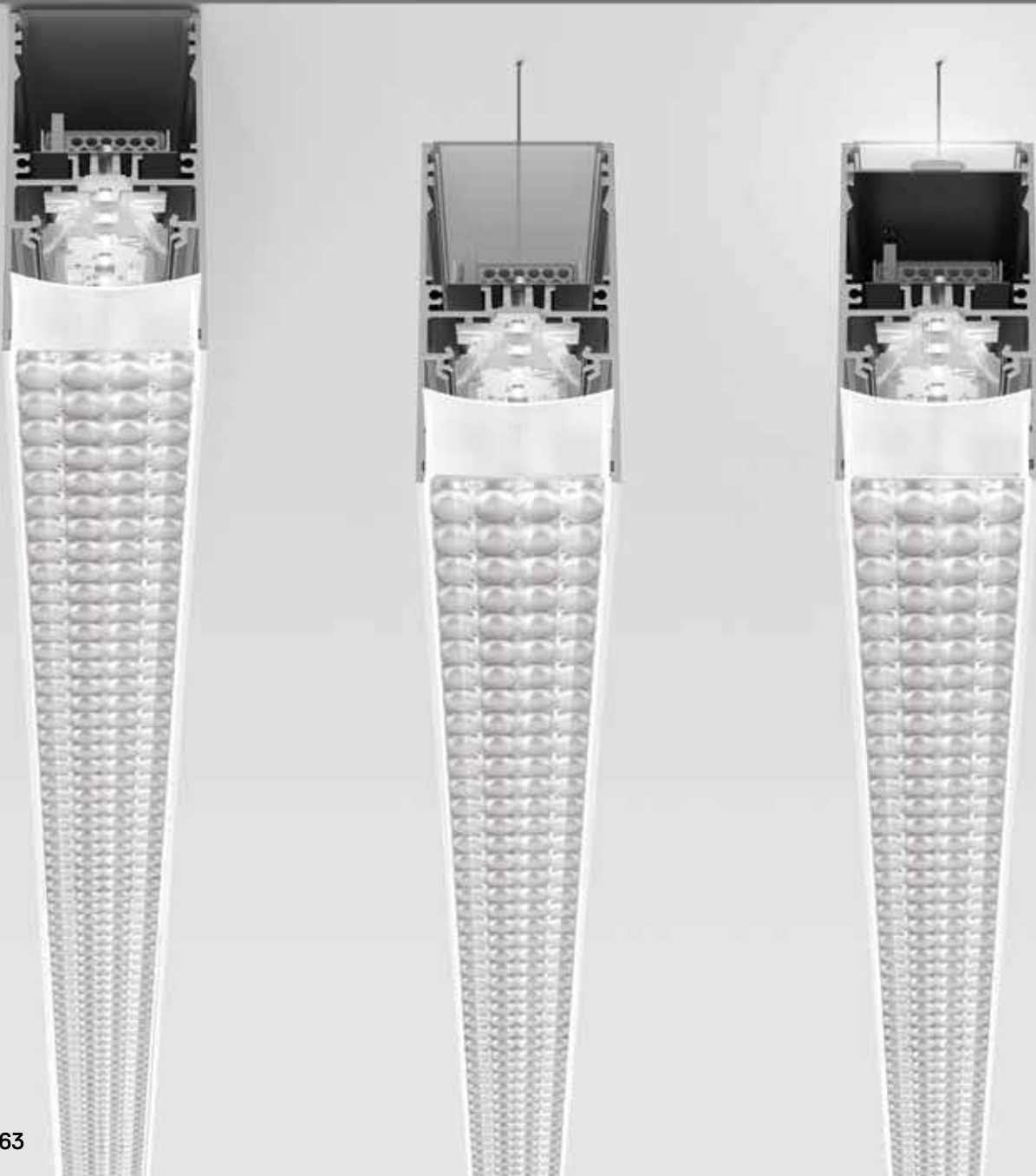
A.39

controlled emission space fittings

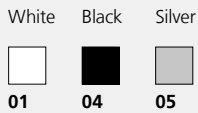
CEILING

SUSPENSION

SUSPENSION WITH
INDIRECT EMISSION



A.39 CONTROLLED EMISSION - SUSPENSION, CEILING



Screens supplied separately.
APP interface supplied separately.
The APP driver can not be controlled by DALI dimming system and viceversa.

MacAdam 3SDCM
Life L70 (17k) 102000h
CRI =90
* Uses 1 DALI address
**Uses 2 DALI address

IP20
⊕

Suspension, ceiling direct emission

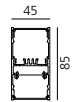
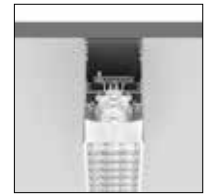
Length	W	Flux ¹	CCT
1184 mm	34W	2088 lm	3000K 4000K
1482 mm	42W	2610 lm	3000K 4000K
2368 mm	66W	4176 lm	3000K 4000K
2960 mm	82W	5220 lm	3000K 4000K

Undimmable

Code
AT135. 01/04/05
AT137. 01/04/05
AT145. 01/04/05
AT147. 01/04/05
AT155. 01/04/05
AT157. 01/04/05
AT185. 01/04/05
AT187. 01/04/05

Dimmable DALI*

Code
AT134. 01/04/05
AT136. 01/04/05
AT144. 01/04/05
AT146. 01/04/05
AT154. 01/04/05
AT156. 01/04/05
AT184. 01/04/05
AT186. 01/04/05



Suspension direct + indirect emission

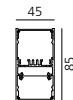
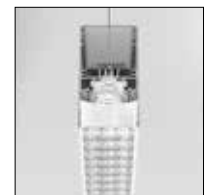
Length	W	Flux ¹	CCT
1184 mm	34W direct 23W indirect	2088 lm direct 3126 lm indirect	3000K 4000K
1482 mm	42W direct 31W indirect	2610 lm direct 4167 lm indirect	3000K 4000K
2368 mm	66W direct 50W indirect	4176 lm direct 6251 lm indirect	3000K 4000K
2960 mm	82W direct 67W indirect	5220 lm direct 8335 lm indirect	3000K 4000K

Undimmable

Code
AT195. 01/04/05
AT197. 01/04/05
AT225. 01/04/05
AT227. 01/04/05
AT235. 01/04/05
AT237. 01/04/05
AT245. 01/04/05
AT247. 01/04/05

Dimmable DALI

Code
*AT194. 01/04/05
*AT196. 01/04/05
*AT224. 01/04/05
*AT226. 01/04/05
**AT234. 01/04/05
**AT236. 01/04/05
**AT244. 01/04/05
**AT246. 01/04/05



Optic

Length
1184 mm (4 pcs)
1480 mm (5 pcs)

Code
M186700
AT09900

Length	Screen quantity to order
1184 mm	1 M186700
1482 mm	1 AT09900
2368 mm	2 M186700
2960 mm	2 AT09900

Angle elements (not lit)

90° suspension corner
(on same plane)
L=57x57 mm



Code
AT310. 01/04/05

Accessories suspension

Undimmable Feeding kit including 2 suspension cables 2000h mm (3 poles)

Dimmable or APP Feeding kit including 2 suspension cables 2000h mm (5 poles)

Mechanical joint including 1 suspension cable

Code
AT10400
AT10500
AT10500APP
AT09500

Accessories ceiling

End cap kit (2 pcs)

Ceiling bracket and mechanical joint

End ceiling bracket (2 pcs)

Code
AT098. 01/04/05
AT09501
AT09502

End cap kit 2x

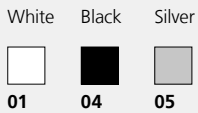
AT098. 01/04/05

BLL interface for APP with antenna
Up to 40 addresses

DV1054APP

¹ Direct luminous flux: measured using white louvres.
With black louvres -10% output flux.

A.39 CONTROLLED EMISSION - WHITE INTEGRALIS



Screens supplied separately.
APP interface supplied separately.
The APP driver can not be controlled by DALI dimming system and viceversa.

MacAdam 3SDCM
Life L80 (10K) 55000h
CRI = 90
* Uses 1 DALI address
**Uses 2 DALI addresses

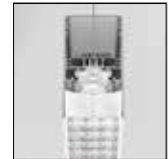
IP20

Suspension, Ceiling - direct emission

		W	Luminous Flux	Radiant Flux	CCT
1184 mm	DAY MODE	34 W	1495 lm	1083 mW	5000 K
1480 mm	DAY MODE	42 W	1869 lm	1354 mW	5000 K
2368 mm	DAY MODE	66 W	2990 lm	2166 mW	5000 K
2960 mm	DAY MODE	82 W	3737 lm	2708 mW	5000 K

Dimmable DALI* - INTEGRALIS

Code
AT136.01/04/05.INO
AT146.01/04/05.INO
AT156.01/04/05.INO
AT186.01/04/05.INO



Suspension, Ceiling - direct/indirect emission

			W	Luminous Flux	Radiant Flux	CCT
1184 mm	DAY MODE	Direct emission	34 W	1359 lm	1083 mW	5000 K
		Indirect emission	23 W	2316 lm	1786 mW	
1480 mm	DAY MODE	Direct emission	42 W	1869 lm	1354 mW	5000 K
		Indirect emission	31 W	3088 lm	2382 mW	
2368 mm	DAY MODE	Direct emission	66 W	2990 lm	2166 mW	5000 K
		Indirect emission	50 W	4633 lm	3572 mW	
2960 mm	DAY MODE	Direct emission	82 W	3737 lm	2708 mW	5000 K
		Indirect emission	67 W	6177 lm	4763 mW	

Dimmable DALI* - INTEGRALIS

Code
AT196.01/04/05.INO
AT226.01/04/05.INO
AT236.01/04/05.INO
AT246.01/04/05.INO



Accessories suspension

Dimmable or APP Feeding kit including 2 suspension cables 2000 mm (5 poles)

Mechanical joint including 1 suspension cable

End cap kit 2x

Code
AT10500
AT10500APP

AT09500

AT895.01/04/05

Accessories ceiling

End cap kit (2 pcs)

Ceiling bracket and mechanical joint

End ceiling bracket (2 pcs)

BLL interface for APP with antenna
Up to 40 addresses

Code
AT895.01/04/05

AT09501

AT09502

DV1054APP

Optic

Length

1184 mm (4 pcs)
1480 mm (5 pcs)

Code
M186700IN
AT09900IN




Length

1184 mm **1** M186700IN
1482 mm **1** AT09900IN
2368 mm **2** M186700IN
2960 mm **2** AT09900IN

Screen quantity to order

A.39 CONTROLLED EMISSION - PURE INTEGRALIS

White Black Silver

01 **04** **05**

Screens supplied separately.

MacAdam 3SDCM
Life L70 28400h
CRI = 80

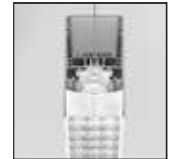
IP20


Suspension, Ceiling - Direct emission

		W	Luminous Flux	Radiant Flux	CCT
1184 mm	DAY MODE	39 W	1653 lm	2345 mW	3600 K
	NIGHT MODE	55 W	ND	6092 mW	
1480 mm	DAY MODE	49 W	2066 lm	2931 mW	3600 K
	NIGHT MODE	68 W	ND	7615 mW	
2368 mm	DAY MODE	75 W	3306 lm	4690 mW	3600 K
	NIGHT MODE	109 W	ND	12183 mW	
2960 mm	DAY MODE	93 W	4132 lm	5863 mW	3600 K
	NIGHT MODE	136 W	ND	15229 mW	

INTEGRALIS APP

Code
AT136.01/04/05.IN2APP
AT146.01/04/05.IN2APP
AT156.01/04/05.IN2APP
AT186.01/04/05.IN2APP



Suspension direct/INDIRECT emission

		W	Luminous Flux	Radiant Flux	CCT
1184 mm	DAY MODE	Direct emission	39 W	1653 lm	2345 mW
		Indirect emission	23 W	2807 lm	3600 K
	NIGHT MODE	55 W	ND	6092 mW	4000 K
1480 mm	DAY MODE	Direct emission	49 W	2066 lm	2931 mW
		Indirect emission	31 W	3742 lm	3600 K
	NIGHT MODE	68 W	ND	7615 mW	4000 K
2368 mm	DAY MODE	Direct emission	75 W	3306 lm	4690 mW
		Indirect emission	34 W	5613 lm	3600 K
	NIGHT MODE	109 W	ND	12183 mW	4000 K
2960 mm	DAY MODE	Direct emission	93 W	4132 lm	5863 mW
		Indirect emission	67 W	7484 lm	3600 K
	NIGHT MODE	136 W	ND	15229 mW	4000 K

INTEGRALIS APP

Code
AT196.01/04/05.IN2APP
AT226.01/04/05.IN2APP
AT236.01/04/05.IN2APP
AT246.01/04/05.IN2APP



Accessories suspension

Undimmable Feeding kit including 2 suspension cables 2000 mm (3 poles)

Code
AT10400

Mechanical joint including 1 suspension cable

AT09500

End cap kit 2x

AT895.01/04/05

Accessories ceiling

End cap kit (2 pcs)

Ceiling bracket and mechanical joint

End ceiling bracket (2 pcs)

Code
AT895.01/04/05

AT09501

AT09502

Optic

Length

1184 mm (4 pcs)
1480 mm (5 pcs)

Code
M186700IN2
AT09900IN2

Length

1184 mm **1** M186700IN2
1482 mm **1** AT09900IN2
2368 mm **2** M186700IN2
2960 mm **2** AT09900IN2

Screen quantity to order





A.39

Refractive emission



PATENT OF INVENTION: OPTICS

REFRACTIVE TECHNOLOGY

High power & performance

Extreme Efficiency

more than 90%

High Efficacy

up to 154 lm/W

Extreme glare control

UGR < 16

CRI 90

Good Uniformity

Ideal for double height spaces

A.39 Sharp refractive emission - black louvres
1184 mm - direct only
Installation h 3200 mm - Desk h 750 mm
Isolines (lx) on a desk 1600x800 mm

A.39 Sharp refractive emission - white louvres
1184 mm - direct only
Installation h 3200 mm - Desk h 750 mm
Isolines (lx) on a desk 1600x800 mm

A.39

Microrefractive emission

MICROREFRACTIVE TECHNOLOGY

High performance

Extreme Efficiency

more than 90%

Extreme Efficacy

up to 164 lm/W

High Glare Control

UGR < 19

CRI 90

High uniformity

no multi-shadows

Ideal for light perception

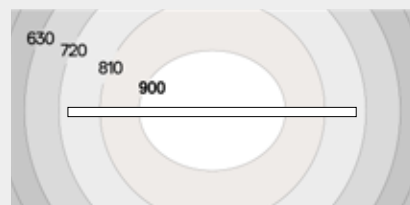
PATENT OF INVENTION: OPTICS



Artemide
App



A.39 Sharp microrefractive emission - black louvres
1184 mm - direct only
Installation h 2400 mm - Desk h 750 mm
Isolines (lx) on a desk 1600x800 mm



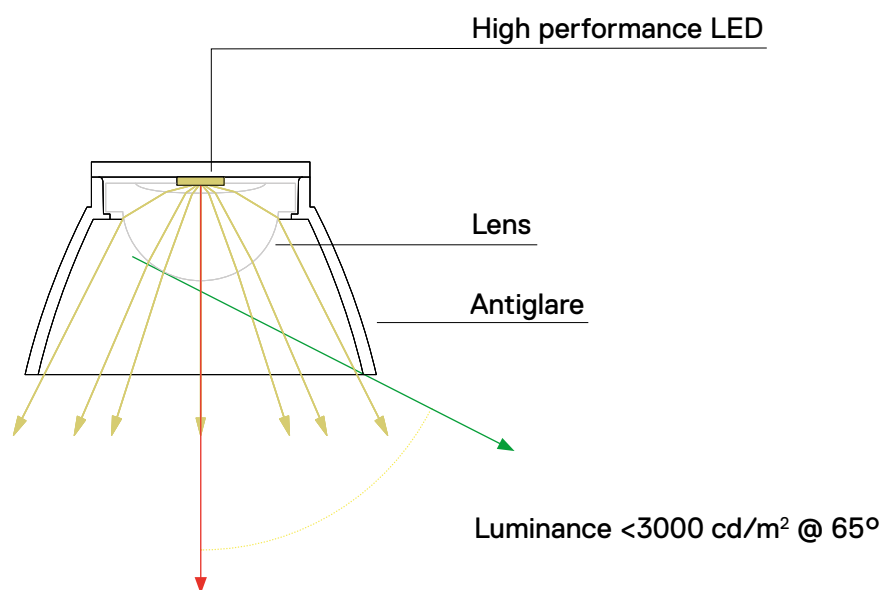
A.39 Sharp microrefractive emission - white louvres
1184 mm - direct only
Installation h 2400 mm - Desk h 750 mm
Isolines (lx) on a desk 1600x800 mm

A.39 Refractive & Microrefractive technology

The lens is especially designed to intercept 100% of the flux emitted by the LED and control it with minimum dispersion so as to ensure more than 90% efficiency.

The lens is the primary optical system that collects and redirects the flux without intercepting the geometry of the cell in which it is inserted, thus avoiding a deterioration in performance in terms of quantity and quality of light emission.

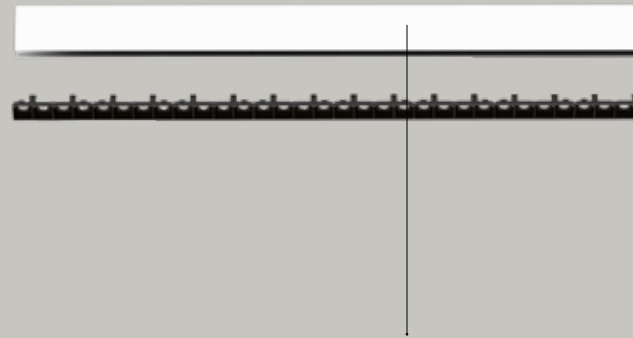
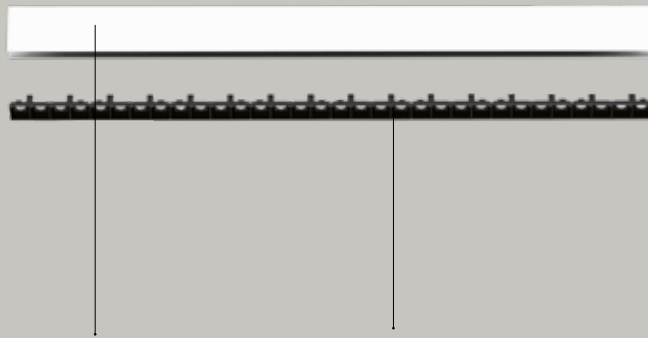
The small cells (louvres), in which the LEDs and lenses are inserted, act only as screens to avoid direct viewing of the LED from certain angles but do not affect the flux emitted, leaving a clean, pure light, whose characteristics are defined solely by the primary optics.



CEILING



Integrated driver



A.39 ceiling direct emission
(1184 mm)

Louvres
(1184 mm)

Ceiling bracket
and mechanical joint

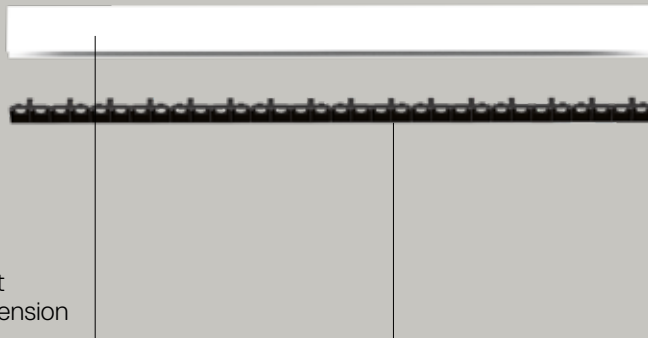
A.39 ceiling direct emission
(2368 mm)

A.39 refractive emission ceiling, suspension

SUSPENSION



Integrated driver



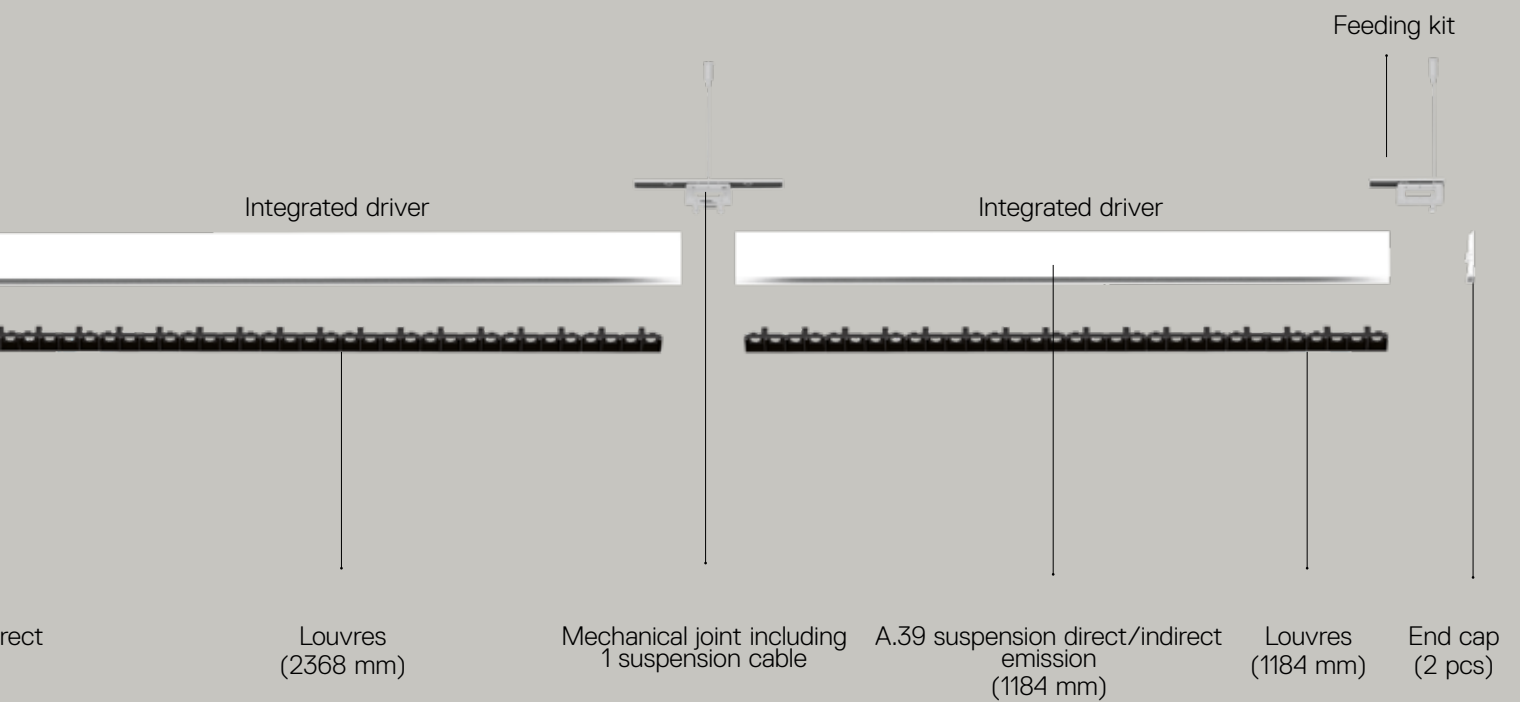
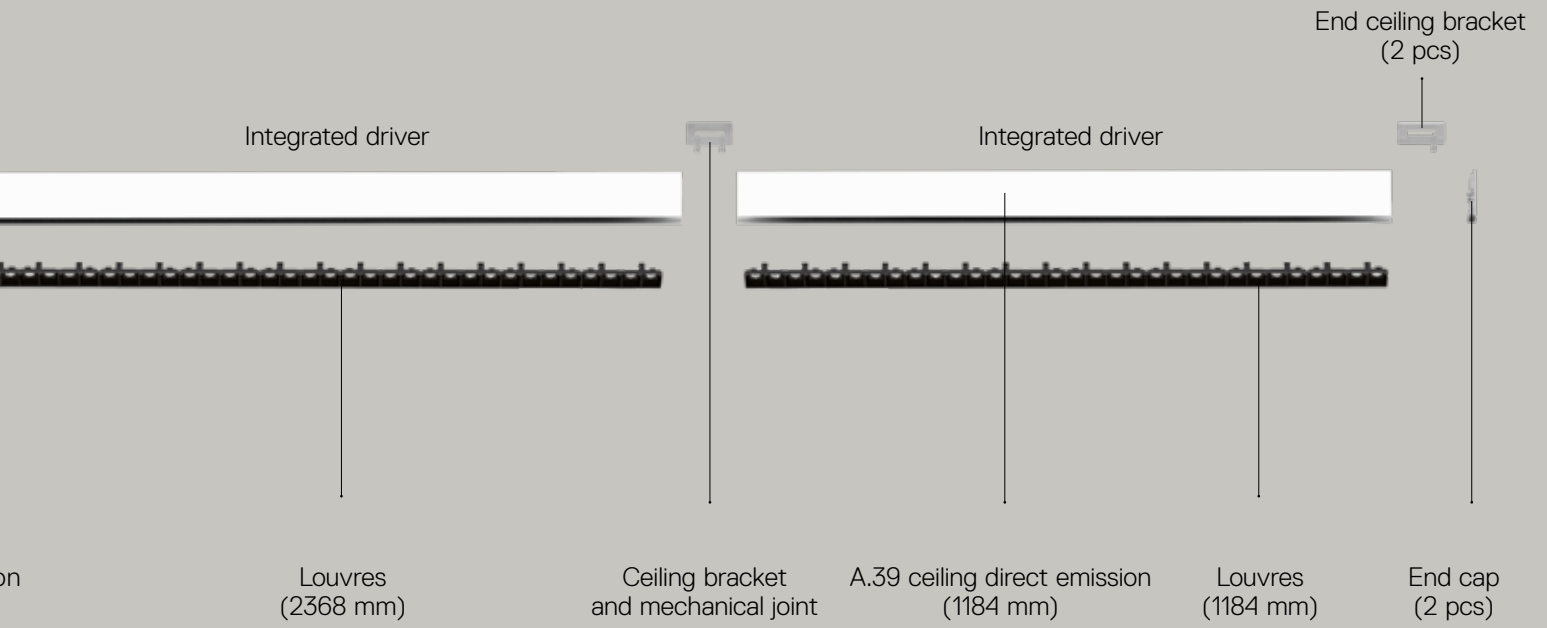
Feeding kit
including 2 suspension
cables

A.39 suspension direct/indirect
emission
(1184 mm)

Louvres
(1184 mm)

Mechanical joint including
1 suspension cable

A.39 suspension direct/indi
emission
(2368 mm)



A.39 refractive space fittings

CEILING

SUSPENSION

SUSPENSION WITH
INDIRECT EMISSION



A.39 microrefractive space fittings

CEILING






SUSPENSION

SUSPENSION WITH
INDIRECT EMISSION





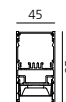
A.39 REFRACTIVE EMISSION

White	Black	Silver	WF	Louvres supplied separately.	MacAdam 3SDCM	IP20
				Optional Artemide App interface supplied separately.	Life L70 (8K) 50000h CRI 90	
01	04	05		The App driver can not be controlled by DALI dimming system and viceversa.	* Uses 1 DALI address ** Uses 2 DALI addresses *** Uses 3 DALI addresses	

Suspension, ceiling direct emission				
Length	W	Beam	Flux ¹	CCT
1184 mm	35W	WF	5044 lm 5311 lm	3000K 4000K
1482 mm	43W	WF	6305 lm 6638 lm	3000K 4000K
2368 mm	70W	WF	10088 lm 10621 lm	3000K 4000K
2960 mm	86W	WF	12610 lm 13276 lm	3000K 4000K

Code
BZ010. 01/04/05
BZ011. 01/04/05
BZ013. 01/04/05
BZ014. 01/04/05
BZ016. 01/04/05
BZ017. 01/04/05
BZ019. 01/04/05
BZ020. 01/04/05

Code
BZ022. 01/04/05 *
BZ023. 01/04/05 *
BZ025. 01/04/05 *
BZ026. 01/04/05 *
BZ028. 01/04/05 **
BZ029. 01/04/05 **
BZ031. 01/04/05 **
BZ032. 01/04/05 **



Suspension direct + indirect emission				
Length	W	Beam	Flux ¹	CCT
1184 mm	35W direct 23W indirect	WF	5044 lm direct 3075 lm indirect 5311 lm direct 3075 lm indirect	3000K 4000K
1482 mm	43W direct 31W indirect	WF	6305 lm direct 4100 lm indirect 6638 lm direct 4100 lm indirect	3000K 4000K
2368 mm	70W direct 50W indirect	WF	10088 lm direct 6150 lm indirect 10621 lm direct 6150 lm indirect	3000K 4000K
2960 mm	86W direct 67W indirect	WF	12610 lm direct 8200 lm indirect 13276 lm direct 8200 lm indirect	3000K 4000K

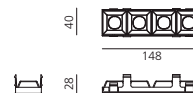
Code
BZ034. 01/04/05
BZ035. 01/04/05
BZ037. 01/04/05
BZ038. 01/04/05
BZ040. 01/04/05
BZ041. 01/04/05
BZ043. 01/04/05
BZ044. 01/04/05

Code
BZ046. 01/04/05 **
BZ047. 01/04/05 **
BZ049. 01/04/05 **
BZ050. 01/04/05 **
BZ052. 01/04/05 ***
BZ053. 01/04/05 ***
BZ055. 01/04/05 ***
BZ056. 01/04/05 ***



Louvres
Length
1184 mm (x8)
1482 mm (x10)
2368 mm (x16)
2960 mm (x20)

Code
BZ059. 01/04
BZ060. 01/04
BZ061. 01/04
BZ062. 01/04

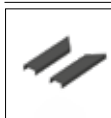


Angle element (not lit)
90° suspension/ceiling corner (on same plane) L=57x57 mm



Code
BH350. 01/04/05

Corner cover (not lit)
90° corner covers L=57x57 mm



Accessories for suspension version	
Undimmable Feeding kit including 2 suspension cables 2000 mm (3 poles)	AT10400
Dimmable or APP Feeding kit including 2 suspension cables 2000 mm (5 poles)	AT10500 AT10500APP (Up to 40 addresses)
Mechanical joint including 1 suspension cable	AT09500

Code
BZ058. 01/04/05

Accessories for ceiling version	
End cap kit (2 pcs)	BZ058. 01/04/05
Ceiling bracket and mechanical joint	AT09501
End ceiling bracket (2 pcs)	AT09502

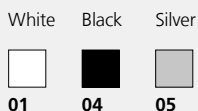
End cap kit (2 pcs)	BZ058. 01/04/05
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BLL - DALI interface for Artemide App (with antenna, can be used to control with Artemide App up to 40 DALI drivers)	DV1054APP
--	------------------

¹ Direct luminous flux: measured using white louvres.
With black louvres -10% output flux.



A.39 REFRACTIVE EMISSION - WHITE INTEGRALIS



Screens supplied separately.
APP interface supplied separately.
The APP driver can not be controlled by DALI dimming system and viceversa.

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

IP20

Suspension, Ceiling - Direct emission

		W	Luminous Flux ¹	Radiant Flux ¹	CCT	CRI
1184 mm	DAY MODE	35 W	4633 lm	3167 mW	5000 K	90
1480 mm	DAY MODE	43 W	5791 lm	3960 mW	5000 K	90
2368 mm	DAY MODE	70 W	9266 lm	6334 mW	5000 K	90
2960 mm	DAY MODE	86 W	11582 lm	7126 mW	5000 K	90

Undimmable

Code
BZ012.01/04/05.INO
BZ015.01/04/05.INO
BZ018.01/04/05.INO
BZ021.01/04/05.INO

DALI

Code
BZ024.01/04/05.INO
BZ027.01/04/05.INO
BZ030.01/04/05.INO
BZ033.01/04/05.INO



Suspension direct/INDIRECT emission

		W	Luminous Flux ¹	Radiant Flux ¹	CCT	CRI
1184 mm	DAY MODE	Direct emission	35 W	4633 lm	3162 mW	5000 K
		Indirect emission	23 W	2266 lm	1749 mW	
1480 mm	DAY MODE	Direct emission	43 W	5791 lm	3952 mW	5000 K
		Indirect emission	31 W	3023 lm	2331 mW	90
2368 mm	DAY MODE	Direct emission	70 W	9266 lm	6323 mW	5000 K
		Indirect emission	50 W	4535 lm	3497 mW	90
2960 mm	DAY MODE	Direct emission	86 W	11582 lm	7903 mW	5000 K
		Indirect emission	67 W	6046 lm	4662 mW	90

Undimmable

Code
BZ036.01/04/05.INO
BZ039.01/04/05.INO
BZ042.01/04/05.INO
BZ045.01/04/05.INO

DALI

Code
BZ048.01/04/05.INO
BZ051.01/04/05.INO
BZ054.01/04/05.INO
BZ057.01/04/05.INO



Accessories suspension

Undimmable Feeding kit including 2 suspension cables 2000 mm (3 poles)

Code
AT10400

Dimmable or APP Feeding kit including 2 suspension cables 2000h mm (5 poles)

Code
AT10500
AT10500APP

Mechanical joint including 1 suspension cable

Code
AT09500

End cap kit 2x

Code
BZ058. 01/04/05

Accessories ceiling

End cap kit (2 pcs)

Code
BZ058. 01/04/05

Ceiling bracket and mechanical joint

Code
AT09501

End ceiling bracket (2 pcs)

Code
AT09502

BLL interface for APP with antenna
Up to 40 addresses

Code
DV1054APP

Louvers

Length

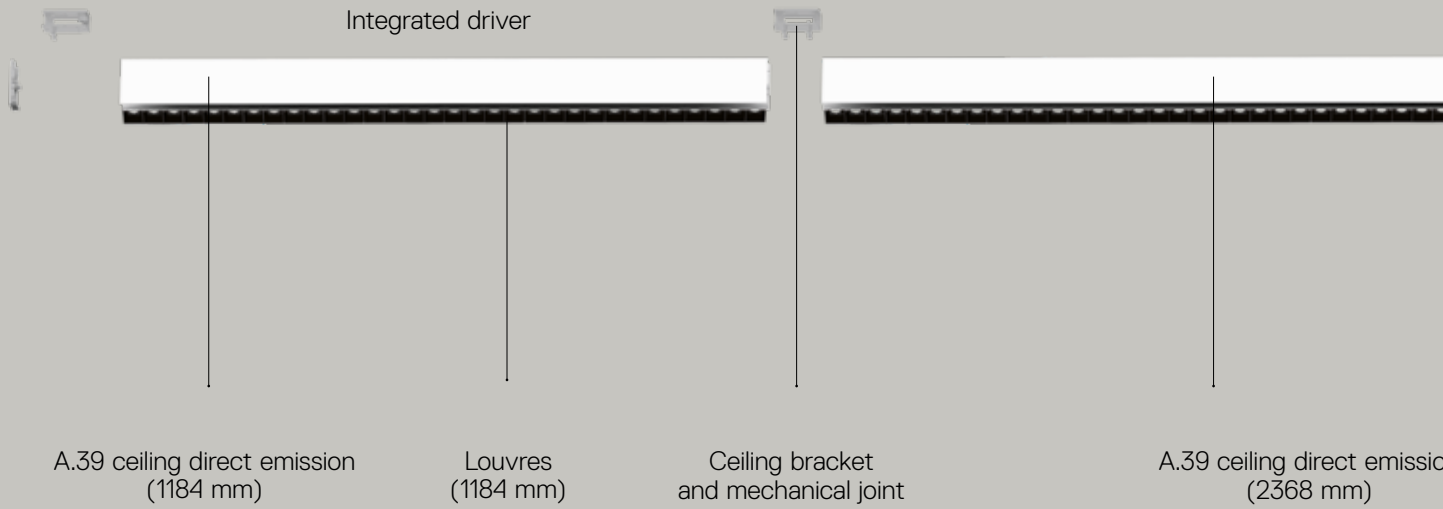
1184 mm
1482 mm
2368 mm
2960 mm

Code

BZ059. 01/04
BZ060. 01/04
BZ061. 01/04
BZ062. 01/04

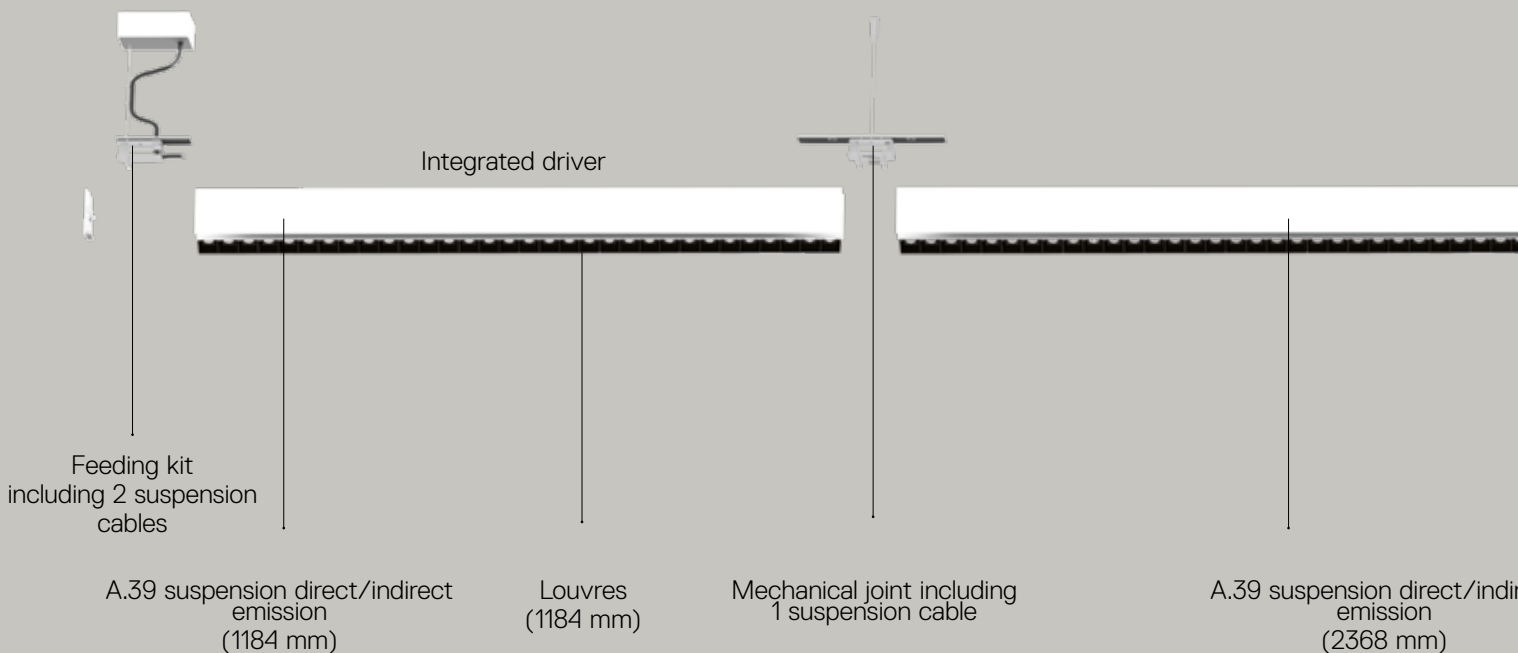
¹ Direct luminous flux: measured using white louvers.
With black louvers -10% output flux.

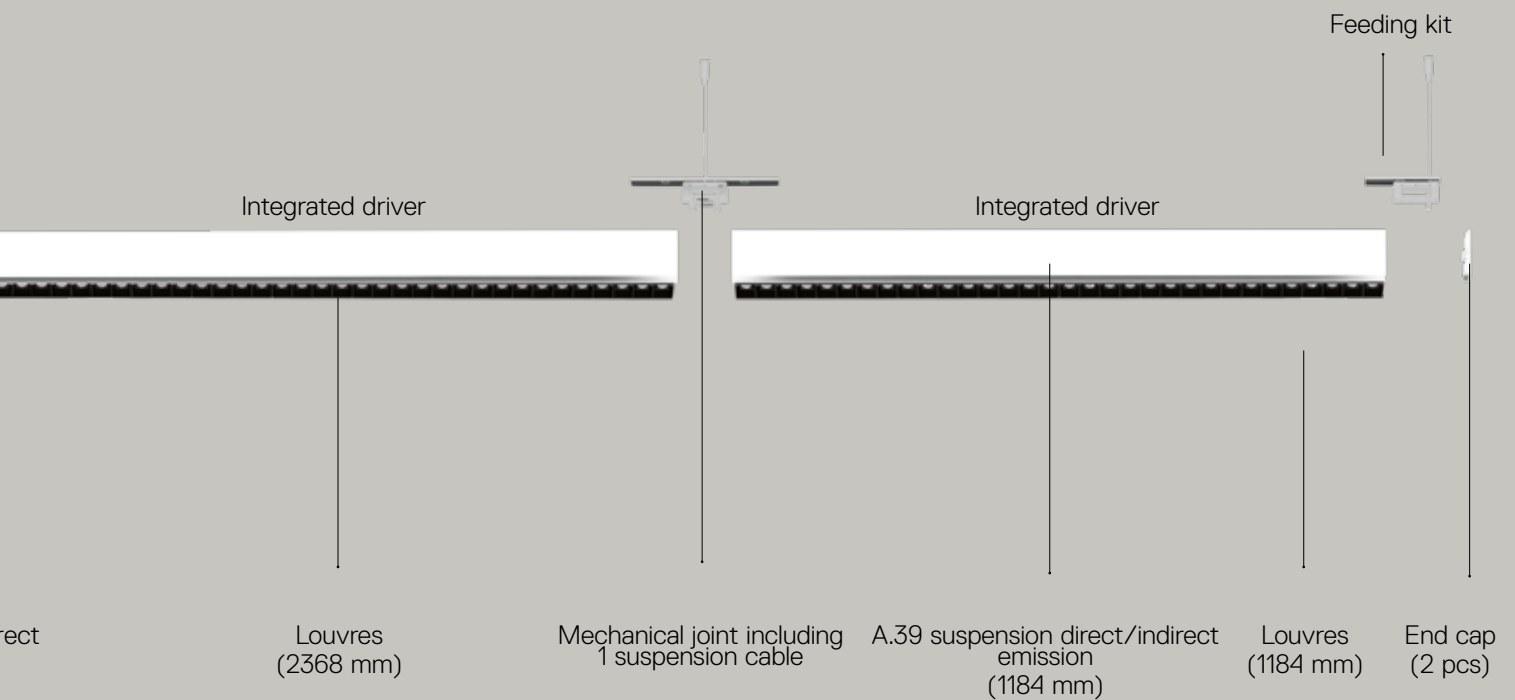
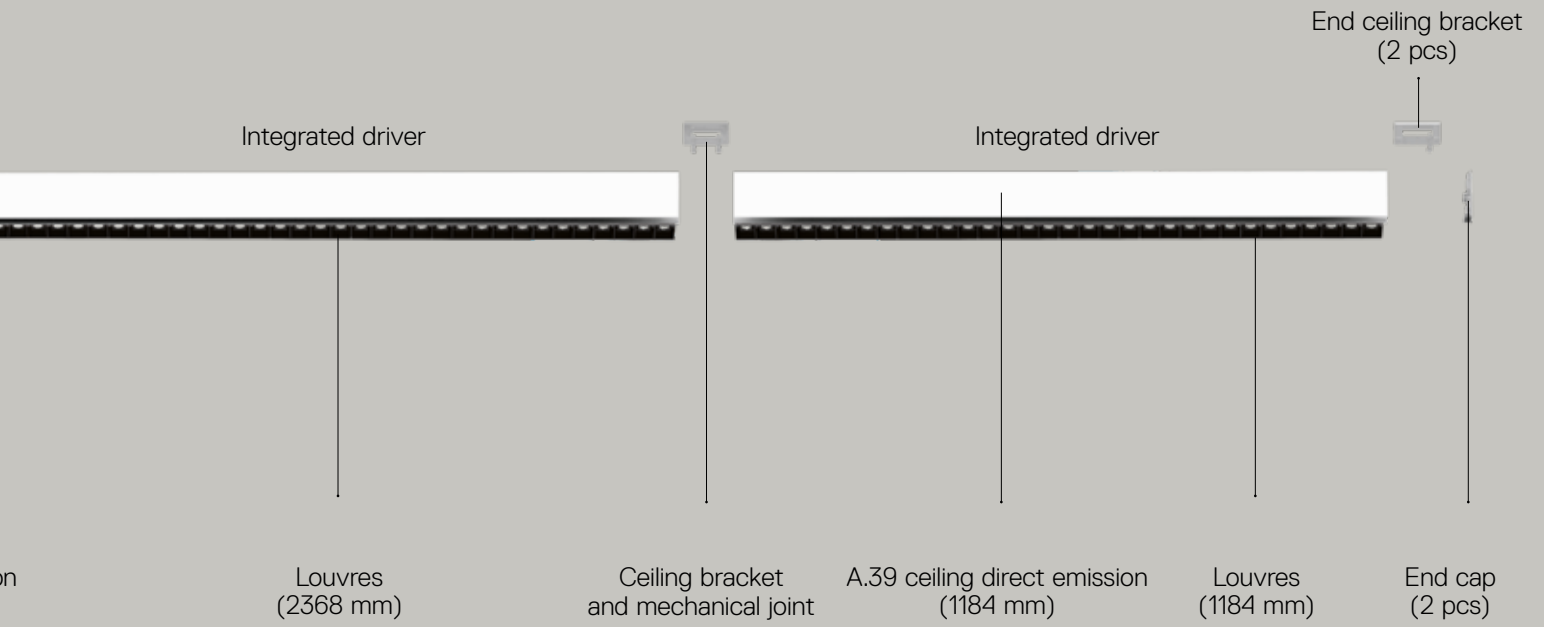
CEILING



A.39 microrefractive emission ceiling, suspension






SUSPENSION







A.39 MICROREFRACTIVE EMISSION

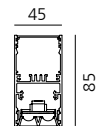
White + White Louvre	Black + Black Louvre	Silver + Black Louvre	White + Black Louvre	XF	Louvres included. Optional Artemide App interface supplied separately. The App interface can not be controlled by DALI dimming system and viceversa.	MacAdam 3SDCM Life L70 (12k) 102000h CRI 90 * Uses 1 DALI address ** Uses 2 DALI addresses	IP20
							
01	04	05	41	64°			

Suspension / Ceiling direct emission

Length	W	Flux ¹	CCT
1184 mm	19W	3154 lm	3000K 4000K
1482 mm	24W	3943 lm	3000K 4000K
2368 mm	38W	6309 lm	3000K 4000K
2960 mm	47W	7886 lm	3000K 4000K

Dimmable DALI

Code
CM1001. 01/04/05/41 *
CM1011. 01/04/05/41 *
CM2001. 01/04/05/41 *
CM2011. 01/04/05/41 *
CM4001. 01/04/05/41 *
CM4011. 01/04/05/41 *
CM5001. 01/04/05/41 *
CM5011. 01/04/05/41 *

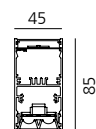


Suspension direct + indirect emission

Length	W	Flux ¹	CCT
1184 mm	19W direct	3154 lm direct	3000K
	17W indirect	2110 lm indirect	4000K
1482 mm	24W direct	3943 lm direct	3000K
	20W indirect	2814 lm indirect	4000K
2368 mm	38W direct	6309 lm direct	3000K
	30W indirect	4221 lm indirect	4000K
2960 mm	47W direct	7886 lm direct	3000K
	39W indirect	5627 lm indirect	4000K

Dimmable DALI

Code
CM1101. 01/04/05/41 **
CM1111. 01/04/05/41 **
CM2101. 01/04/05/41 **
CM2111. 01/04/05/41 **
CM4101. 01/04/05/41 **
CM4111. 01/04/05/41 **
CM5101. 01/04/05/41 **
CM5111. 01/04/05/41 **



Angle element (not lit)

90° suspension/ceiling corner
(on same plane)
L=57x57 mm



Code

AT310. 01/04/05

Accessories for suspension version

Undimmable Feeding kit including 2 suspension
cables 2000 mm
(3 poles)

Code

AT10400

Dimmable or APP Feeding kit including 2
suspension cables 2000 mm
(5 poles)

AT10500

AT10500APP

(Up to 40 addresses)

Mechanical joint including 1 suspension cable

AT09500

End cap kit (2 pcs)

CM9900. 01/04/05

Accessories for ceiling version

End cap kit (2 pcs)

Code

CM9900. 01/04/05

Ceiling bracket and mechanical joint

AT09501

End ceiling bracket (2 pcs)

AT09502

BLL - DALI interface for Artemide App
(with antenna, can be used to control with Artemide
App up to 40 DALI drivers)

DV1054APP

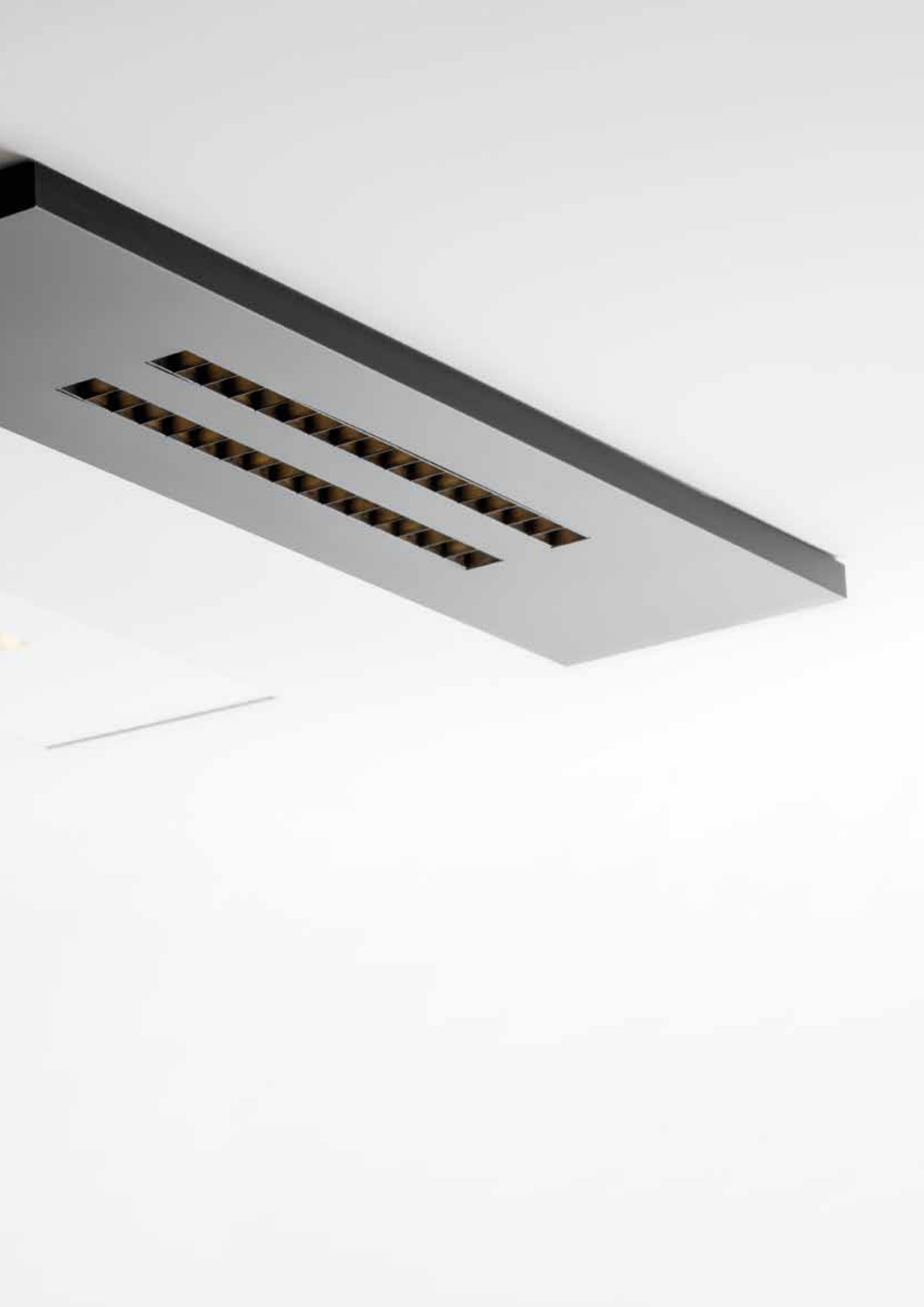
¹ Direct luminous flux: measured using white louvres.
With black louvres -10% output flux.

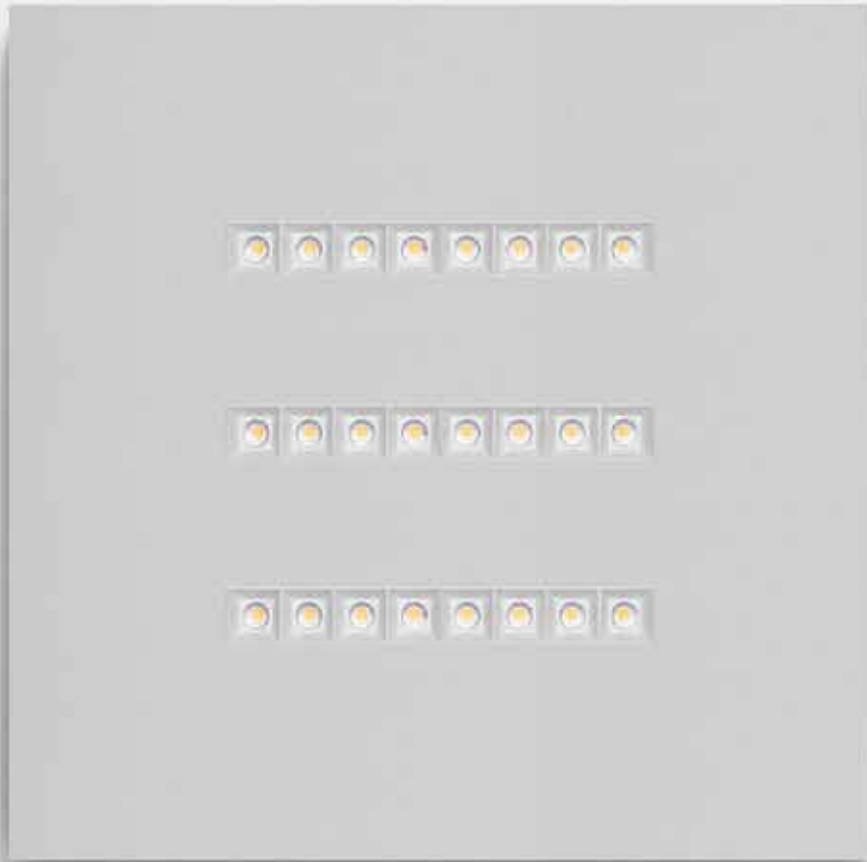


A.39 Refractive stand alone



Square

Rectangular





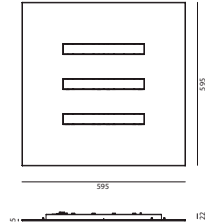
A.39 REFRACTIVE EMISSION - SQUARE

White 01	Black 04	WF 	Louvres supplied separately. Recessed version only lay-in on false ceiling visible structure.	MacAdam 3SDCM Life L70 (8k) 50000h CRI 90	IP20 
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Square 600x600 recessed			
W	Beam	Flux ¹	CCT
28W	WF	3783 lm	3000K
		3983 lm	4000K

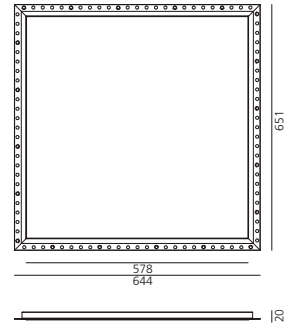
Undimmable
Code
CD0000. 01/04
CD0010. 01/04

Dimmable DALI
Code
CD0001. 01/04
CD0011. 01/04



Frame for recessed version
Recessed frame for installation on plasterboard false ceiling

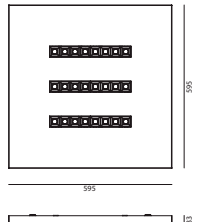
Code
M160600




Square 600x600 ceiling			
W	Beam	Flux ¹	CCT
28W	WF	3783 lm	3000K
		3983 lm	4000K

Undimmable
Code
CD1000. 01/04
CD1010. 01/04

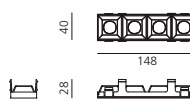
Dimmable DALI
Code
CD1001. 01/04
CD1011. 01/04



Louvres
A.39 Refractive emission Square 600x600 (x6)





Code
BZ063. 01/04



¹ Direct luminous flux: measured using white louvres.
With black louvres -10% output flux.



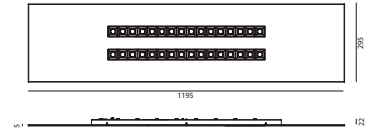
A.39 REFRACTIVE EMISSION - RECTANGULAR

White 01	Black 04	WF 	Louvres supplied separately. Recessed version only lay-in on false ceiling visible structure.	MacAdam 3SDCM Life L70 (8k) 50000h CRI 90	IP20 
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Rectangular 1200x300 recessed			
W	Beam	Flux ¹	CCT
35W	WF	5044lm	3000K
		5311 lm	4000K

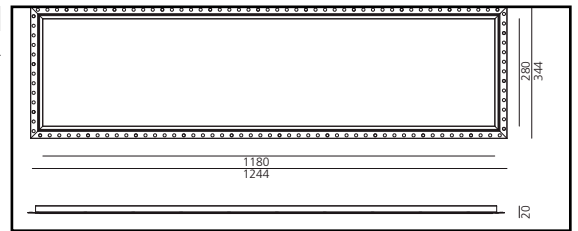
Undimmable
Code
CD0100. 01/04
CD0110. 01/04

Dimmable DALI
Code
CD0101. 01/04
CD0111. 01/04



Frame for recessed version
Recessed frame for installation on plasterboard false ceiling

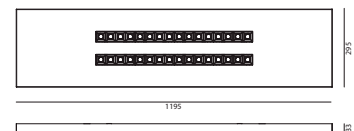
Code
CD910000




Rectangular 1200x300 ceiling			
W	Beam	Flux ¹	CCT
35W	WF	5044 lm	3000K
		5311 lm	4000K

Undimmable
Code
CD1100. 01/04
CD1110. 01/04

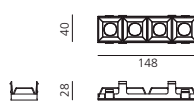
Dimmable DALI
Code
CD1101. 01/04
CD1111. 01/04



Louvres
A.39 Refractive emission rectangular 1200x300 (x8)








Code
BZ059. 01/04



¹ Direct luminous flux: measured using white louvres.
With black louvres -10% output flux.

A.39 REFRACTIVE EMISSION - WHITE INTEGRALIS

White  01	Black  04	Silver  05	XF 	Louvres supplied separately. 220/240Vac 50/60Hz electronic ballast included.	MacAdam 3SDCM L80 (10K) 55000h CRI =90 CCT (K) : 5000K	IP20 
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Square 600x600 Refractive Recessed						INTEGRALIS
	W	Luminous Flux ¹	Radiant Flux ¹	CCT	CRI	Code
DAY MODE	30 W	4000 lm	2332 mW	5000 K	90	CD0031.01/04.IN0



Square 600x600 Refractive Ceiling						INTEGRALIS
	W	Luminous Flux ¹	Radiant Flux ¹	CCT	CRI	Code
DAY MODE	30 W	4000 lm	2332 mW	5000 K	90	CD1031.01/04.IN0



Square 1200x300 Refractive Recessed						INTEGRALIS
	W	Luminous Flux ¹	Radiant Flux ¹	CCT	CRI	Code
DAY MODE	40 W	5330 lm	3167 mW	5000 K	90	CD0131.01/04.IN0



Square 1200x300 Refractive Ceiling						INTEGRALIS
	W	Luminous Flux ¹	Radiant Flux ¹	CCT	CRI	Code
DAY MODE	40 W	5330 lm	3167 mW	5000 K	90	CD1131.01/04.IN0



FRAME for recessed version

Recessed frame for installation on plasterboard false ceiling. A.39 600x600 Refractive
Recessed frame for installation on plasterboard false ceiling. A.39 1200x300 Refractive

Code

M160600

CD910000

Louvres

A.39 600x600 Refractive 4X (6pcs)
A.39 1200x300 Refractive 4X (8pcs)

Code

BZ063.01/04

BZ059.01/04



¹ Direct luminous flux: measured using white louvres.
With black louvres -10% output flux.

A.39 REFRACTIVE EMISSION - PURE INTEGRALIS

220/240Vac 50/60Hz electronic ballast included.

Life L70 28400h
CRI = 80
CCT= 3600 K

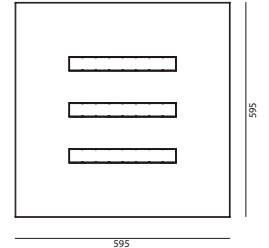
IP20
⊕

Square 600x600 Diffused Recessed

	W	Luminous Flux ¹	Radiant Flux ¹	CCT	CRI
DAY MODE	39 W	3007 lm	4544 mW	3600 K	80
NIGHT MODE	54 W	ND	14022 mW		

INTEGRALIS APP

Code
AT900011N2APP



¹ Direct luminous flux: measured using white louvres.
With black louvres -10% output flux.







A.39 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

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ISO 45001:2018

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2025