



BLACK FOSTER

THE INVISIBLE BLACK, IN A LINEAR SYSTEM

ARKOSLIGHT®

BLACK FOSTER

CUSTOM · RECESSED · TRIMLESS · SURFACE · SUSPENDED

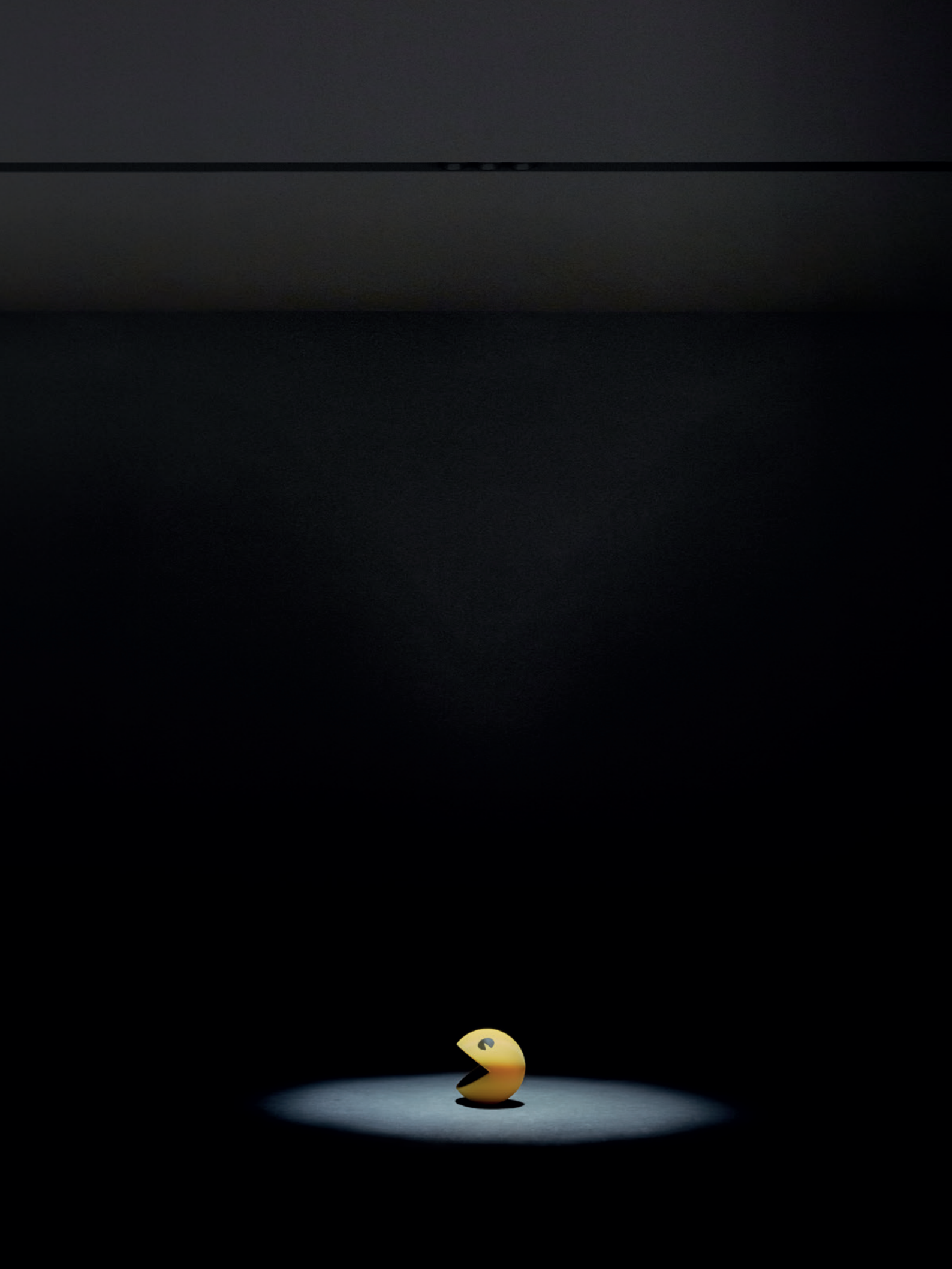


ARKOSLIGHT®

THE INVISIBLE BLACK, IN A LINEAR SYSTEM

Black Foster is the new Arkoslight product, which brings the acclaimed 'The Invisible Black' effect to a linear system. A lighting technological feature that allows Black Foster to hide the origin of the light while bathing the scene and generates a spectacular effect: light in space, with no visible source.

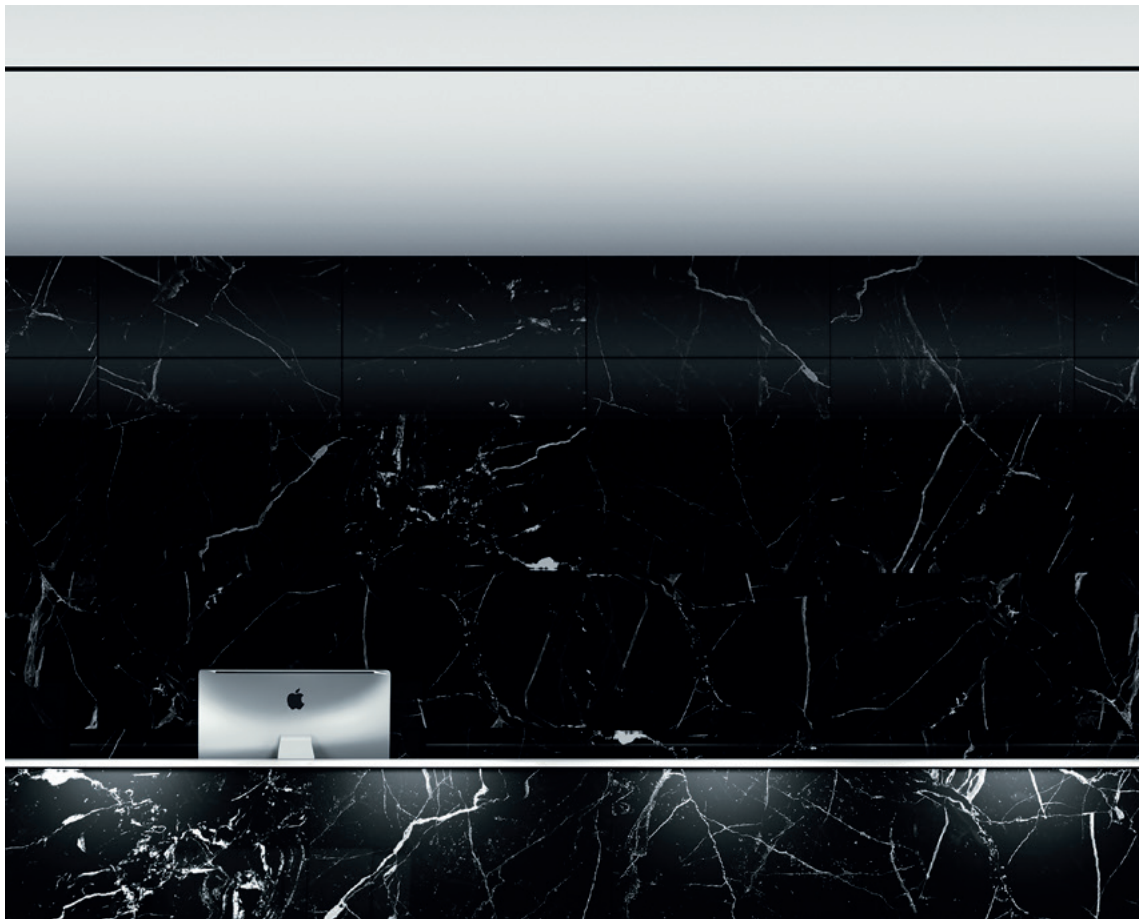




THE SAME AESTHETICS, BOTH ON OR OFF

By hiding the origin of the light, Black Foster manages to always keep the same look - turned on or off -.

This creates an attractive psychological sensation in the spectator who perceives the light in the room, but he is surprised to see that the luminary is apparently off.









A PERFECT DARK LINE

The homogeneity of the dark line that is achieved throughout the course of Black Foster “Custom”, is an ally of visual order, neutrality and elegance in the design of spaces.

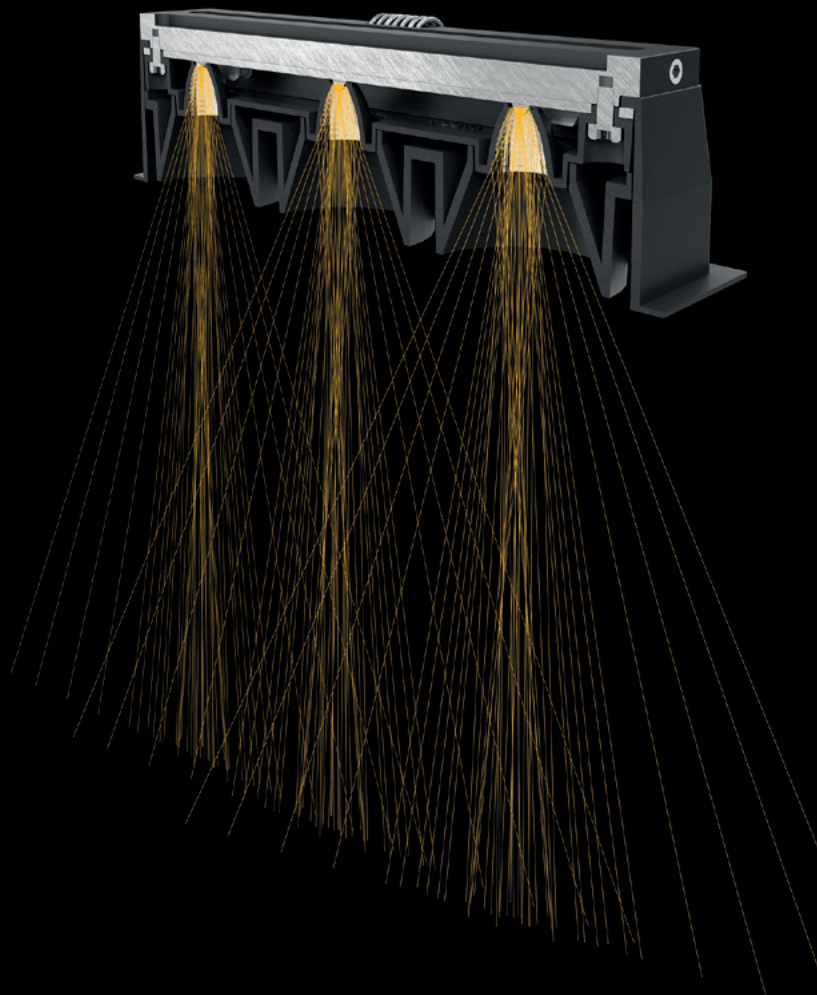
With Black Foster the lighting becomes minimalist and non-invasive, the luminary thus passes unnoticed and abdicates the focus of attention.

FULLY CUSTOMIZABLE

Consisted of combinable segments (with light emission and gaps), the modularity of Black Foster "Custom" gives a total compositional flexibility. Customer will be able to configure its own dark line and place on it the light emission freely as both types of segments are -almost- visually indistinguishable once installed.

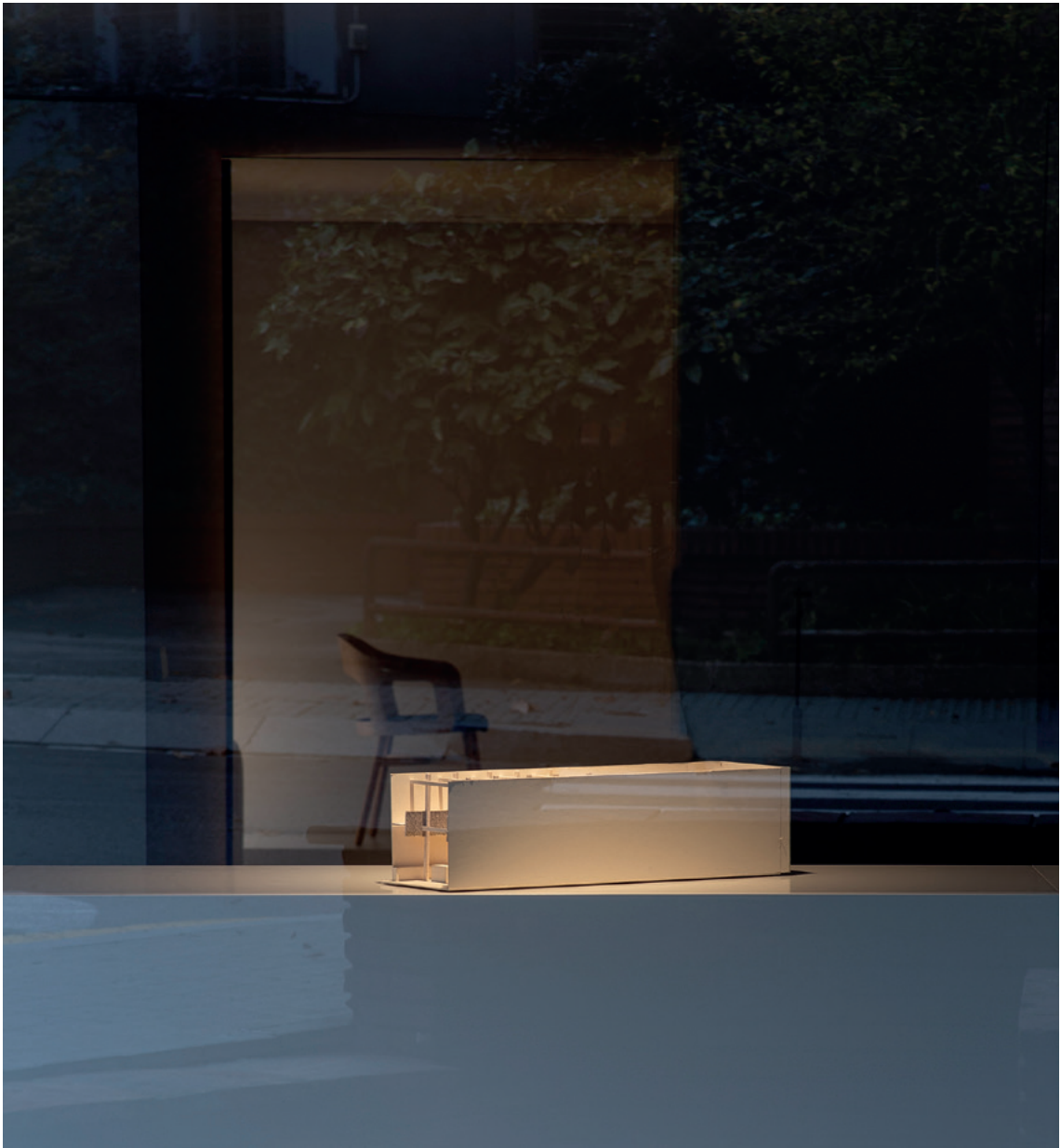






LIGHT BEAM HYPERCONTROLLED

Besides being an excellent luminary for the overall lighting function, Black Foster is a perfect element for lighting support or highlighting certain interior design elements as desired. Meanwhile in overall lighting it stands out for its low glare and high visual comfort, in highlighting function it benefits from its perfect controlled light beam which maximizes the LED light flow.

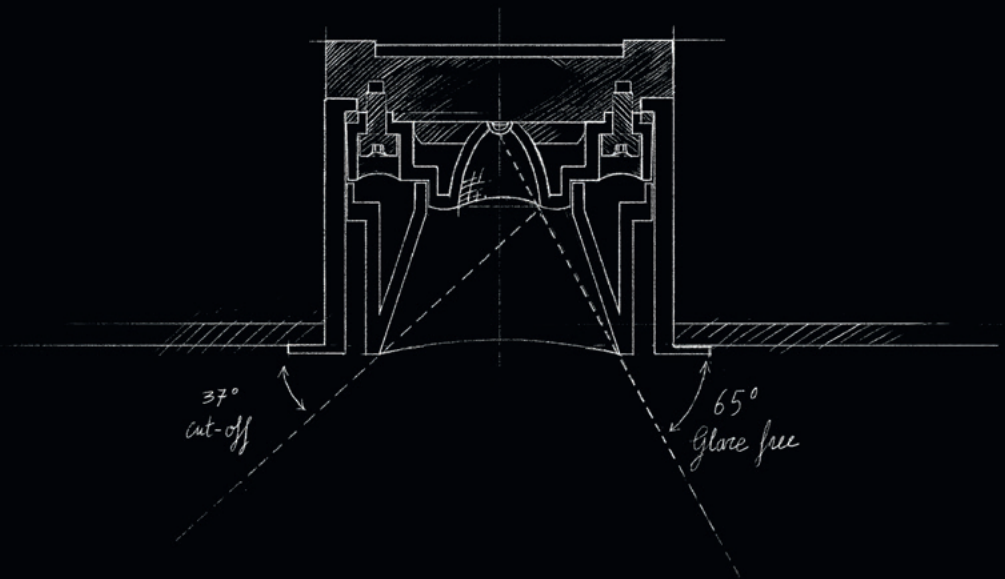




VERY LOW GLARING

The Black Foster technology reduces the glaring effect down to a very low level thanks to the high beam control, which concentrates the light rays so that they flow to the outside without hardly any deviations from the delimited angle. On the other hand, its anti-glare screen in 'technical black' finish absorbs the minimum losses and prevents the piece from shining or reflecting the light.





VISUAL COMFORT, IN ITS UTMOST EXPRESSION

The secret of a high visual comfort and the difficulty of a visual access at the source of Black Foster's lighting lies in the high screening level achieved by the recessed position of the LED, the miniaturization of its reflector and the "technical black" finish of its screen.

Black Foster's cut-off angle (absolute visual comfort) is at 37° and the glare-free angle (no direct vision of the LED) is at 65°. These values result in an index close to UGR 0 in almost any disposition. Therefore, Black Foster easily meets the UGR<19 requirement (the strictest requirement against glaring in the technical codes and international regulations).

INTEGRATION IN ARCHITECTURE

The masking of the origin of light is the technical characteristic that better helps the integration of a luminary in architecture, as its visual presence becomes significantly minored for the user of the space.

Concerning Black Foster, the spectator will be only able to have a direct view of the source of light standing right under it. Perceive any kind of light disturbance within the field of vision has been effectively restricted to a narrow range of angles.





MINIATURIZATION AND AVANT-GARDE

Within the design of Black Foster, the spirit of minimalist modern-architecture and the will of the finest integration of light in interior design; are faithfully represented.

It's reduced dimensions and its tactful presence conform the essence of this piece, enshrining in its small size, a technical vanguard of the latest generation.



A HUGE RANGE OF VERSIONS

Besides the “Custom” model, Black Foster is also available in versions of isolated installation as recessed, trimless, surface or suspended application.

BLACK FOSTER

RECESSED

It stands out for its bezel, very thin and narrow, which practically disappears after being installed and generates a trimless optical effect.

BLACK FOSTER RECESSED 1



BLACK FOSTER RECESSED 2



BLACK FOSTER RECESSED 3



BLACK FOSTER RECESSED 5





BLACK FOSTER

TRIMLESS

BLACK FOSTER TRIMLESS 1



BLACK FOSTER TRIMLESS 2



BLACK FOSTER TRIMLESS 3



BLACK FOSTER TRIMLESS 5



BLACK FOSTER TRIMLESS 10



BLACK FOSTER TRIMLESS 15





BLACK FOSTER

SURFACE

BLACK FOSTER SURFACE 1



BLACK FOSTER SURFACE 2



BLACK FOSTER SURFACE 3



BLACK FOSTER SURFACE 5



BLACK FOSTER SURFACE 10



BLACK FOSTER SURFACE 15







BLACK FOSTER SUSPENSION 1200



BLACK FOSTER SUSPENSION 1600



BLACK FOSTER

SUSPENSION —————

The translation of anti-glare virtues of Black Foster to this suspended version make this luminary the ideal solution to light up working places. Furthermore, its on-board DIM regulation allows the user to individually adjust the amount of light he desires in his work plane.





BLACK FOSTER

TECHNICAL SPECIFICATIONS

BLACK FOSTER CUSTOM

		P	CCT	I	Flux	LOR	L
BLACK FOSTER Custom 2	A317-20-00- N	4,2W	2700K	700mA	380Lm	90%	87mm
	A317-20-01- N	4,2W	3000K	700mA	420Lm	90%	87mm
	A317-20-02- N	4,2W	4000K	700mA	500Lm	90%	87mm
BLACK FOSTER Custom 3	A317-30-00- N	6,3W	2700K	700mA	570Lm	90%	130mm
	A317-30-01- N	6,3W	3000K	700mA	630Lm	90%	130mm
	A317-30-02- N	6,3W	4000K	700mA	750Lm	90%	130mm
BLACK FOSTER Custom 5	A317-40-00- N	10,5W	2700K	700mA	950Lm	90%	216mm
	A317-40-01- N	10,5W	3000K	700mA	1050Lm	90%	216mm
	A317-40-02- N	10,5W	4000K	700mA	1250Lm	90%	216mm
BLACK FOSTER Custom 10	A317-50-00- N	21W	2700K	700mA	1900Lm	90%	431mm
	A317-50-01- N	21W	3000K	700mA	2100Lm	90%	431mm
	A317-50-02- N	21W	4000K	700mA	2500Lm	90%	431mm
BLACK FOSTER Custom 15	A317-60-00- N	31,5W	2700K	700mA	2850Lm	90%	646mm
	A317-60-01- N	31,5W	3000K	700mA	3150Lm	90%	646mm
	A317-60-02- N	31,5W	4000K	700mA	3750Lm	90%	646mm

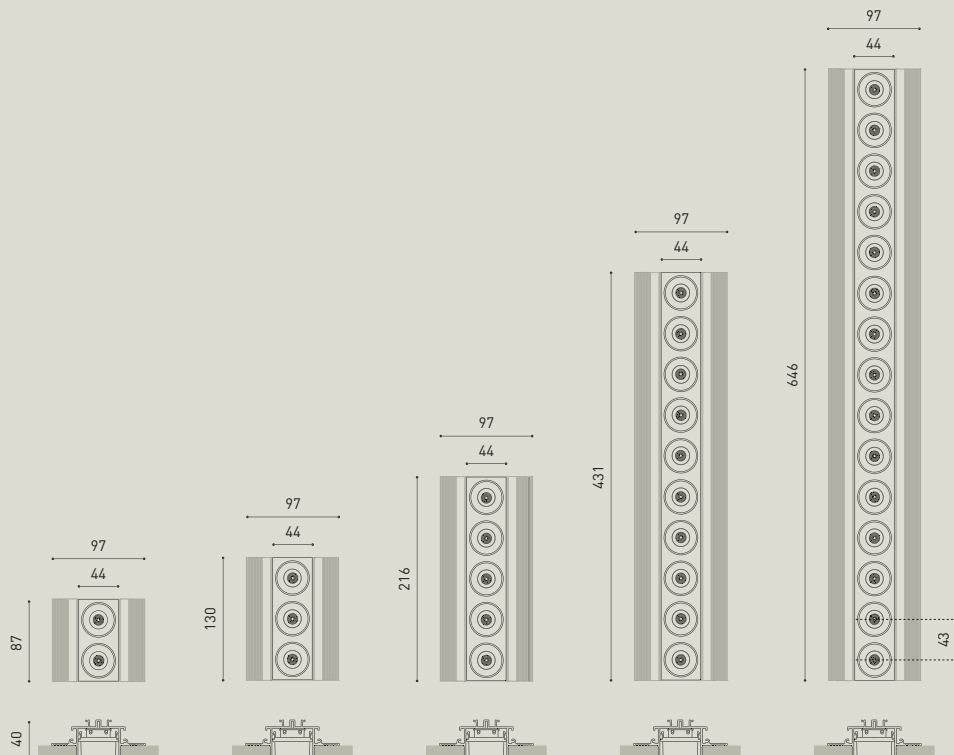
LED | CE | III | IP20 | CRI>90 | L80B10 > 60.000h



OPTIONS*

EXCL*

UGR <19



COLOUR | N ■ RAL 9005 | MATERIAL | AL | ABS+PC |

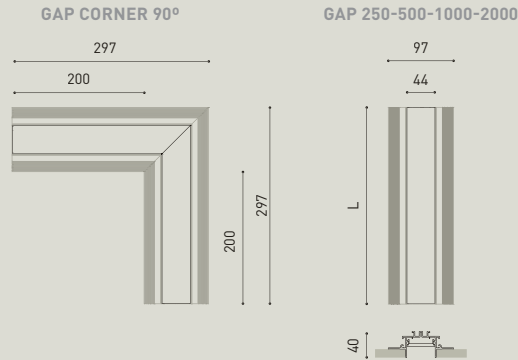
i » 040

RECOMMENDED FOR INSTALLATIONS WHERE THE PROFILE CAN BE INSTALLED BEFORE THE FALSE PLASTERBOARD CEILING (THICKNESS 12,5mm.)

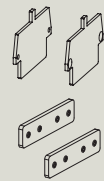
Bluetooth & Zigbee » PLEASE CONSULT

L

BLACK FOSTER Custom	Gap Corner 90°	A317-00-07- N 	200 x 200mm
	Gap 250	A317-00-01- N 	250mm
	Gap 500	A317-00-02- N 	500mm
	Gap 1000	A317-00-03- N 	1000mm
	Gap 2000	A317-00-04- N 	2000mm



BLACK FOSTER End Caps Kit	A317-00-05- N 	Thickness of each cover=2 mm.
BLACK FOSTER Straight Joiner	A317-00-06	



			P	I	D
DRIVER OPTIONS*	NO DIM	0434-01-18	50W	700mA	124 x 79 x 22mm
	DALI PUSH / 1-10V	0433-00-23	50W	700mA	124 x 79 x 22mm

Connect in series only in order to keep a constant current.

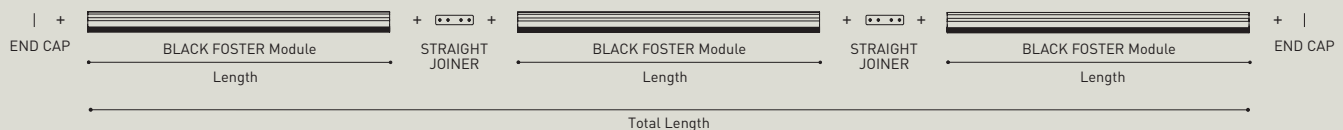
MOUNTING ACCESSORIES

BLACK FOSTER Track Clamp Kit	A219-21-20- B
BLACK FOSTER Flush Ceiling Kit	A219-22-06- B
BLACK FOSTER Track Clamp Kit for M6 ROD	A219-21-21- B
BLACK FOSTER Suspension Kit	A219-21-10- B



SUGGESTED MOUNTING ACCESSORIES QUANTITIES

Black Foster custom 2, 3, 5: 1 Pcs.
 Black Foster custom 10, 15: 2 Pcs.
 Gap 250, 500, 1000: 2 Pcs.
 Gap 2000: 4 Pcs.



COLOUR | **N** ■ RAL 9005 | **B** □ RAL 9016 |

MATERIAL | AL | ABS+PC |

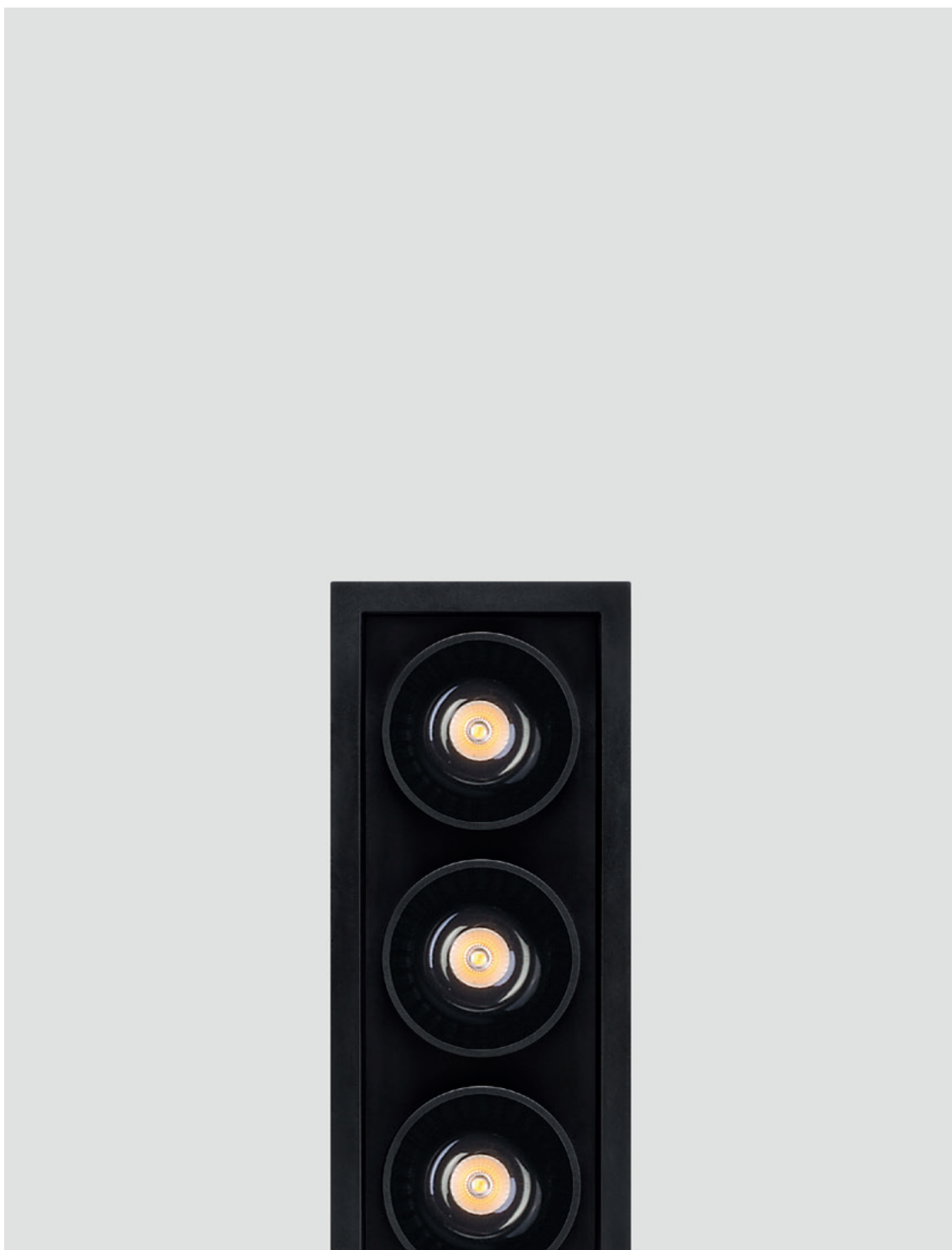
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RECOMMENDED FOR INSTALLATIONS WHERE THE PROFILE CAN BE INSTALLED BEFORE THE FALSE PLASTERBOARD CEILING (THICKNESS 12,5mm.)

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BLACK FOSTER

RECESSED



			P	CCT	I	Flux	LOR
BLACK FOSTER Recessed 1	NO DIM	A319-10-10- N	2,1W	2700K	700mA	190Lm	90%
		A319-10-11- N	2,1W	3000K	700mA	210Lm	90%
		A319-10-12- N	2,1W	4000K	700mA	250Lm	90%
	DALI	A319-10-40- N	2,1W	2700K	700mA	190Lm	90%
		A319-10-41- N	2,1W	3000K	700mA	210Lm	90%
		A319-10-42- N	2,1W	4000K	700mA	250Lm	90%



			P	CCT	I	Flux	LOR
BLACK FOSTER Recessed 2		A319-20- 00 -0- N	4,2W	2700K	700mA	380Lm	90%
		A319-20- 00 -1- N	4,2W	3000K	700mA	420Lm	90%
		A319-20- 00 -2- N	4,2W	4000K	700mA	500Lm	90%



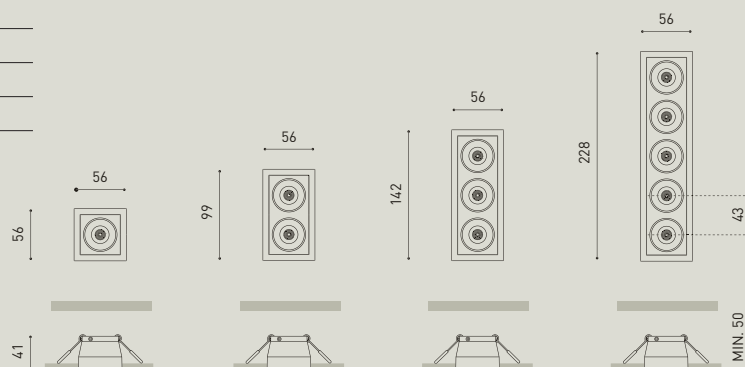
			P	CCT	I	Flux	LOR
BLACK FOSTER Recessed 3		A319-30- 00 -0- N	6,3W	2700K	700mA	570Lm	90%
		A319-30- 00 -1- N	6,3W	3000K	700mA	630Lm	90%
		A319-30- 00 -2- N	6,3W	4000K	700mA	750Lm	90%



			P	CCT	I	Flux	LOR
BLACK FOSTER Recessed 5		A319-40- 00 -0- N	10,5W	2700K	700mA	950Lm	90%
		A319-40- 00 -1- N	10,5W	3000K	700mA	1050Lm	90%
		A319-40- 00 -2- N	10,5W	4000K	700mA	1250Lm	90%



00	*OPTIONS
1	No DIM
2	DIM Push
3	DIM 1-10V
4	DIM DALI



COLOUR | N ■ RAL 9005 | MATERIAL | PC | AL | ABS+PC | » 040

& » PLEASE CONSULT

BLACK FOSTER TRIMLESS

			P	CCT	I	Flux	LOR
BLACK FOSTER Trimless 1  	A318-10-10-	N	2,1W	2700K	700mA	190Lm	90%
	A318-10-11-	N	2,1W	3000K	700mA	210Lm	90%
	A318-10-12-	N	2,1W	4000K	700mA	250Lm	90%
	A318-10-40-	N	2,1W	2700K	700mA	190Lm	90%
	A318-10-41-	N	2,1W	3000K	700mA	210Lm	90%
	A318-10-42-	N	2,1W	4000K	700mA	250Lm	90%



			P	CCT	I	Flux	LOR
BLACK FOSTER Trimless 2	A318-20- ① -0-	N	4,2W	2700K	700mA	380Lm	90%
	A318-20- ① -1-	N	4,2W	3000K	700mA	420Lm	90%
	A318-20- ① -2-	N	4,2W	4000K	700mA	500Lm	90%



			P	CCT	I	Flux	LOR
BLACK FOSTER Trimless 3	A318-30- ① -0-	N	6,3W	2700K	700mA	570Lm	90%
	A318-30- ① -1-	N	6,3W	3000K	700mA	630Lm	90%
	A318-30- ① -2-	N	6,3W	4000K	700mA	750Lm	90%



			P	CCT	I	Flux	LOR
BLACK FOSTER Trimless 5	A318-40- ① -0-	N	10,5W	2700K	700mA	950Lm	90%
	A318-40- ① -1-	N	10,5W	3000K	700mA	1050Lm	90%
	A318-40- ① -2-	N	10,5W	4000K	700mA	1250Lm	90%



①	*OPTIONS
1	No DIM
2	DIM Push
3	DIM 1-10V
4	DIM DALI

COLOUR | N ■ RAL 9005 | MATERIAL |  AL |  ABS+PC |

 » 040

RECOMMENDED FOR INSTALLATIONS WHERE THE PROFILE CAN BE INSTALLED BEFORE THE FALSE PLASTERBOARD CEILING (THICKNESS 12,5mm.)

 &  » PLEASE CONSULT

		P	CCT	I	Flux	LOR
BLACK FOSTER Trimless 10	A318-50- -0- N	21W	2700K	700mA	1900Lm	90%
	A318-50- -1- N	21W	3000K	700mA	2100Lm	90%
	A318-50- -2- N	21W	4000K	700mA	2500Lm	90%

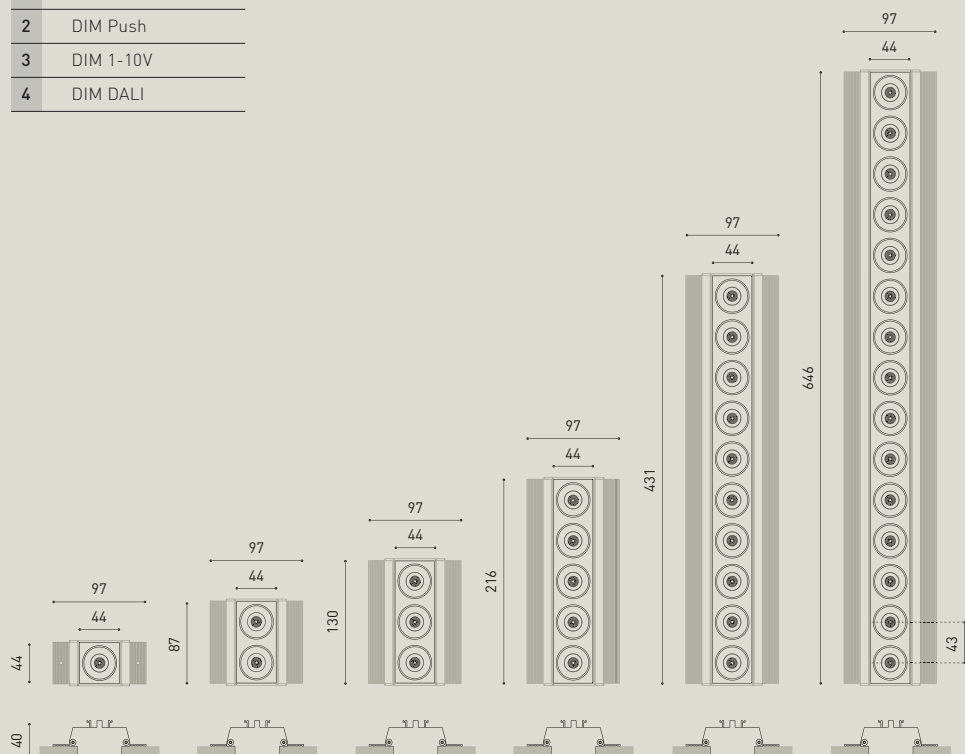


		P	CCT	I	Flux	LOR
BLACK FOSTER Trimless 15	A318-60- -0- N	31,5W	2700K	700mA	2850Lm	90%
	A318-60- -1- N	31,5W	3000K	700mA	3150Lm	90%
	A318-60- -2- N	31,5W	4000K	700mA	3750Lm	90%



*OPTIONS

1	No DIM
2	DIM Push
3	DIM 1-10V
4	DIM DALI



COLOUR | **N** ■ RAL 9005 | MATERIAL | AL | ABS+PC |

» 040

RECOMMENDED FOR INSTALLATIONS WHERE THE PROFILE CAN BE INSTALLED BEFORE THE FALSE PLASTERBOARD CEILING (THICKNESS 12,5mm.)

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BLACK FOSTER SURFACE

		P	CCT	I	Flux	LOR
BLACK FOSTER Surface 1	A320-10-10- WT NT	2,1W	2700K	700mA	190Lm	90%
	A320-10-11- WT NT	2,1W	3000K	700mA	210Lm	90%
	A320-10-12- WT NT	2,1W	4000K	700mA	250Lm	90%



		P	CCT	I	Flux	LOR
BLACK FOSTER Surface 2	A320-20-10- WT NT	4,2W	2700K	700mA	380Lm	90%
	A320-20-11- WT NT	4,2W	3000K	700mA	420Lm	90%
	A320-20-12- WT NT	4,2W	4000K	700mA	500Lm	90%



		P	CCT	I	Flux	LOR
BLACK FOSTER Surface 3	A320-30-10- WT NT	6,3W	2700K	700mA	570Lm	90%
	A320-30-11- WT NT	6,3W	3000K	700mA	630Lm	90%
	A320-30-12- WT NT	6,3W	4000K	700mA	750Lm	90%



		P	CCT	I	Flux	LOR
BLACK FOSTER Surface 5	A320-40- ① -0- WT NT	10,5W	2700K	700mA	950Lm	90%
	A320-40- ① -1- WT NT	10,5W	3000K	700mA	1050Lm	90%
	A320-40- ① -2- WT NT	10,5W	4000K	700mA	1250Lm	90%



①	*OPTIONS
1	No DIM
2	DIM DALI
3	DIM Push
4	DIM 1-10V

COLOUR | WT RAL 9016 | NT RAL 9005 | MATERIAL | AL | ABS+PC | » 040

		P	CCT	I	Flux	LOR
BLACK FOSTER Surface 10	A320-50- -0- WT NT	21W	2700K	700mA	1900Lm	90%
	A320-50- -1- WT NT	21W	3000K	700mA	2100Lm	90%
	A320-50- -2- WT NT	21W	4000K	700mA	2500Lm	90%

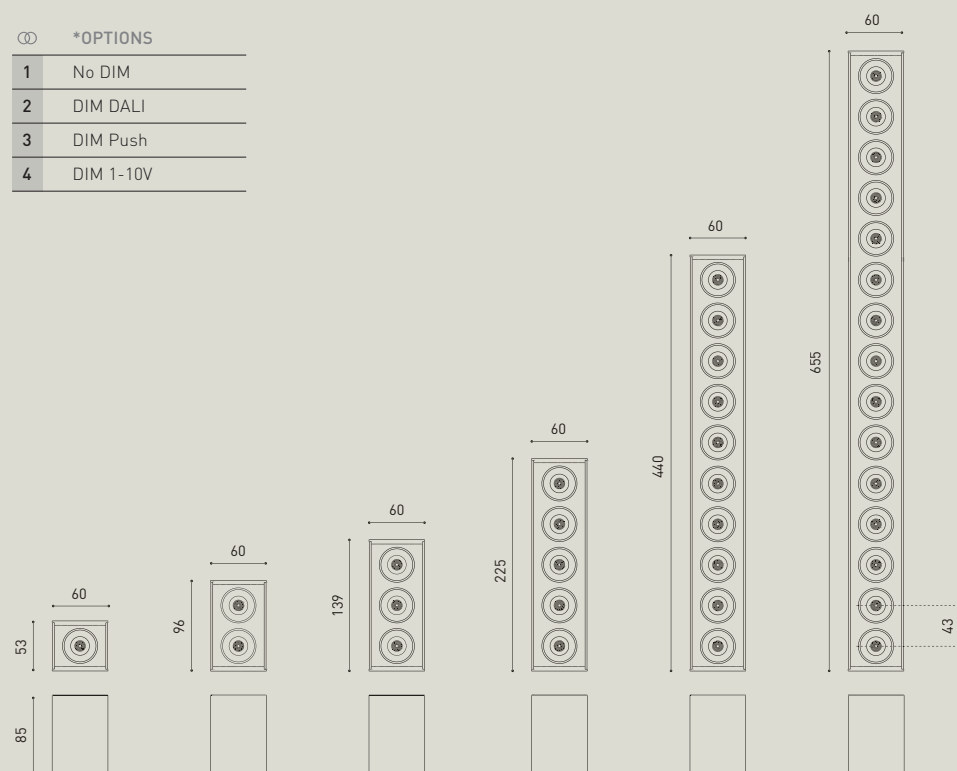


		P	CCT	I	Flux	LOR
BLACK FOSTER Surface 15	A320-60- -0- WT NT	31,5W	2700K	700mA	2850Lm	90%
	A320-60- -1- WT NT	31,5W	3000K	700mA	3150Lm	90%
	A320-60- -2- WT NT	31,5W	4000K	700mA	3750Lm	90%



*OPTIONS

1	No DIM
2	DIM DALI
3	DIM Push
4	DIM 1-10V



COLOUR | **WT** RAL 9016 | **NT** RAL 9005 | MATERIAL | **AL** | **ABS+PC** | » 040

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BLACK FOSTER SUSPENSION

		P	CCT	I	Flux	LOR
BLACK FOSTER Suspension 1200	A321-10- ② -0- WT NT	21W	2700K	700mA	1900Lm	90%
	A321-10- ② -1- WT NT	21W	3000K	700mA	2100Lm	90%
	A321-10- ② -2- WT NT	21W	4000K	700mA	2500Lm	90%
BLACK FOSTER Suspension 1600	A321-20- ② -0- WT NT	31,5W	2700K	700mA	2850Lm	90%
	A321-20- ② -1- WT NT	31,5W	3000K	700mA	3150Lm	90%
	A321-20- ② -2- WT NT	31,5W	4000K	700mA	3750Lm	90%

LED

220
240 V~

CE

IP20

CRI>90

L80B10
> 60.000 h

MacAdam
Step 3

INCL

OPTIONS*

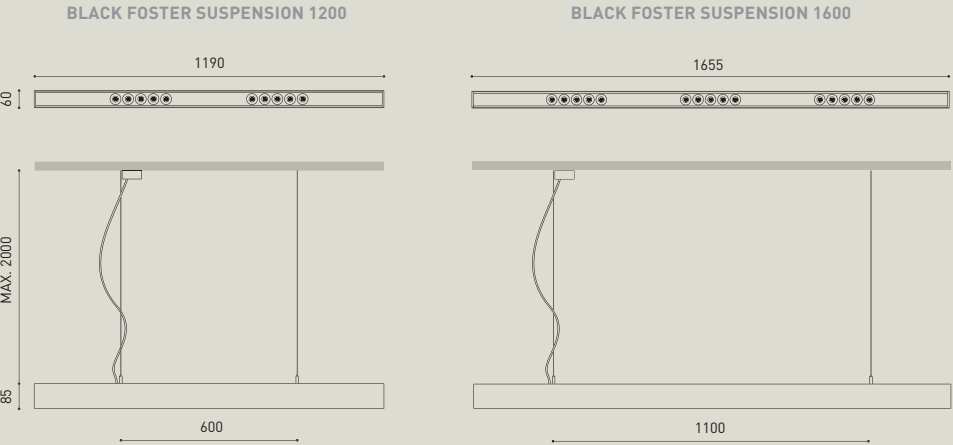
2 m

FAST

UGR <19

38°

②	*OPTIONS
1	No DIM
2	DIM DALI
3	DIM Push
4	DIM 1-10V
5	DIM On Board



COLOUR

| WT ☐ RAL 9016 | NT ☒ RAL 9005 |

MATERIAL

| AL | ABS+PC |

» 040

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Glossary

L	Length (in mm)
AL	Aluminium
PC	Polycarbonate
ABS	Acrylonitrile Butadiene Styrene
LOR	Lumen Output Ratio. Ratio between the output flux of the luminaire and the output flux of the light source.
IPXX	Sealing rating
CE	CE marking
LED	LED lamp
220 V~ 240	Power supply voltage 220-240V
	ENEC certified
	Class II
	Class III
	Chromatic stability: MacAdam Steps
	Dimmable
	Control gear not included
	Electronic equipment included
	Fitting hole for recessed luminaires in mm
	Connected control gear
	Cable length
	Quick adjustment for cable suspension
	Control through bluetooth
	Emergency lighting device
	Installation type and light beam direction
	UGR (Unified Glare Rating) Visual comfort
	Made of
	Reflector

Colours

The lighting values indicated for each ref. code correspond to the results obtained from the tests carried out on the first mentioned colour of the list.



N | Matt black = RAL 9005

NT | Textured black = RAL 9005



B | White = RAL 9016

WT | Textured white = RAL 9016

ARKOSLIGHT®

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LIGHT&LIFE

DESDE 1984