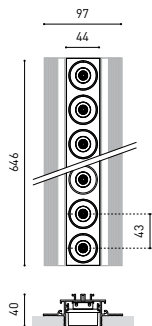




## DIMENSIONS



## ACCESSORIES



CUSTOM & MOUNTING  
ACCESSORIES (MANDATORY)



DRIVER OPTIONS (MANDATORY)

## AWARDS



<b>PRODUCT</b>	
Name	BLACK FOSTER 15 2700K N
Reference	A3176000N
Color	Matt black
RAL	9005
Category	CUSTOM SYSTEMS
<b>LIGHTING INFORMATION</b>	
Light source	LED
Gross luminous flux	2850 Lm
Power	31,5 W
Power values of the system	40,21 W
Colour temperature	2700 K
Colour Rendering Index	CRI>90
Chromatic stability	Mac Adam Step 3
Light beam angle	38°
Unified Glare Rating	UGR<19
Lighting efficiency	90%
Efficacy	90 Lm/W
Current intensity	700 mA
Dimming	Please Consult
Control through bluetooth	Please Consult
Driver	Excluded
Emergency power supply	Please Consult
Electrical insulation class	III
Voltage	220 V/240 V
Frequency	50/60 Hz
Energy efficiency	A
LED lifespan	L80B10 (Tc=85°C) >60.000h
<b>OTHER DATA</b>	
Ingress Protection	IP20
Weight	1035 g.
Packaged weight	1515 g.
Packaging dimensions	D105 × 730 mm.
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

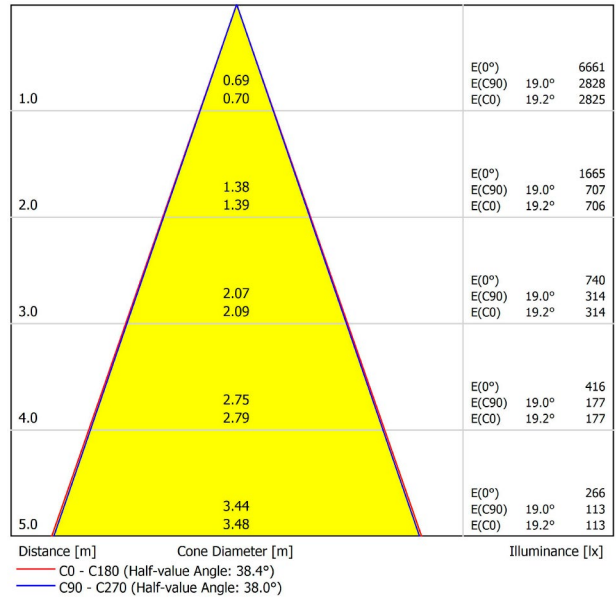


Black Foster is the lighting fixture that transfers the applauded "Invisible Black" effect to a linear system. Black Foster is composed of a series of combinable modules enabling the alternation of segments with light emission and without light emission. However, whether it is ON or OFF, this luminaire always keeps the aesthetics of a perfect dark line. To the observer, it is impossible to distinguish between Black Foster parts that emit light from those that don't. Black Foster's modularity provides a wide range of different combinations, allowing to set up the light emission location as many times as needed, and adapting itself to the requirements of each project in particular.

POLAR DIAGRAM



CONICAL DIAGRAM



UGR

Glare Evaluation According to UGR											
ρ Ceiling	70	70	50	50	30	70	70	50	50	30	
ρ Walls	50	30	50	30	30	50	30	50	30	30	
ρ Floor	20	20	20	20	20	20	20	20	20	20	
Room Size X Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	-13.9	-13.3	-13.7	-13.1	-12.9	-14.8	-14.1	-14.5	-13.9	-13.7
	3H	-7.6	-7.0	-7.3	-6.8	-6.6	-7.5	-6.9	-7.2	-6.7	-6.4
	4H	-4.1	-3.6	-3.8	-3.3	-3.1	-3.5	-3.0	-3.2	-2.7	-2.5
	6H	-0.5	0.0	-0.2	0.3	0.6	-0.1	0.4	0.2	0.7	1.0
	8H	1.4	1.9	1.7	2.2	2.4	1.7	2.2	2.0	2.5	2.8
4H	12H	3.4	3.8	3.7	4.1	4.4	3.7	4.2	4.1	4.5	4.8
	2H	-11.4	-10.8	-11.1	-10.6	-10.3	-11.7	-11.2	-11.4	-10.9	-10.7
	3H	-5.4	-4.9	-5.0	-4.6	-4.3	-5.2	-4.7	-4.9	-4.4	-4.1
	4H	-2.0	-1.6	-1.6	-1.2	-0.9	-1.5	-1.1	-1.1	-0.8	-0.4
	6H	1.6	1.9	2.0	2.3	2.7	1.9	2.2	2.3	2.6	3.0
8H	8H	3.5	3.8	3.9	4.1	4.5	3.7	4.0	4.2	4.4	4.8
	12H	5.5	5.7	5.9	6.1	6.6	5.8	6.1	6.3	6.5	6.9
	4H	-0.4	-0.1	-0.0	0.2	0.6	-0.1	0.2	0.3	0.5	0.9
	6H	3.2	3.4	3.7	3.9	4.3	3.4	3.6	3.9	4.1	4.5
	8H	5.2	5.4	5.7	5.8	6.3	5.4	5.6	5.9	6.0	6.5
12H	12H	7.4	7.5	7.8	8.0	8.5	7.6	7.8	8.1	8.2	8.7
	4H	0.1	0.3	0.5	0.7	1.2	0.3	0.6	0.8	1.0	1.4
	6H	3.8	4.0	4.3	4.4	4.9	4.0	4.2	4.5	4.6	5.1
8H	5.9	6.0	6.4	6.5	7.0	6.1	6.2	6.5	6.7	7.2	
Variation of the observer position for the luminaire distances S											
S = 1.0H	+0.9 / -0.3					+1.3 / -0.4					
S = 1.5H	+1.9 / -0.6					+2.7 / -0.7					
S = 2.0H	+3.1 / -0.8					+4.2 / -1.0					
Standard table	---					---					
Correction	---					---					
Summand	---					---					
Corrected Glare Indices referring to 2850lm Total Luminous Flux											

L

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



<b>BLACK FOSTER End Caps Kit</b>	<b>A317-00-05-   N  </b>	Thickness of each cover 2mm.
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<b>BLACK FOSTER Straight Joiner</b>	<b>A317-00-06</b>	
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COLOUR | **N ■ RAL 9005** | MATERIAL | AL | ABS+PC |

**BLACK FOSTER Track Clamp Kit** A219-21-20- | B |



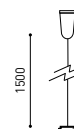
**BLACK FOSTER Flush Ceiling Kit** A219-22-06- | B |



**BLACK FOSTER Track Clamp Kit for M6 ROD** A219-21-21- | B |



**BLACK FOSTER Suspension Kit** A219-21-10- | B |



**SUGGESTED MOUNTING ACCESSORIES QUANTITIES**

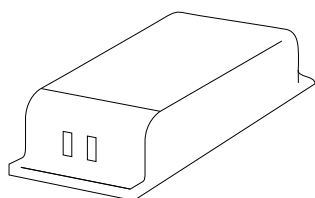
Black Foster custom 2, 3, 5: 1Pcs.

Black Foster custom 10, 15: 2Pcs.



Gap 250, 500, 1000: 2Pcs.

Gap 2000: 4Pcs.

COLOUR | B □ |



DRIVER OPTIONS\*

		P	I	D
 NO DIM	<b>0434-01-18</b>	50W	700mA	124 x 79 x 22mm
 DALI   Push / 1-10V	<b>0433-00-23</b>	50W	700mA	124 x 79 x 22mm

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