



## DIMENSIONS



## ACCESSORIES



CUSTOM & MOUNTING  
ACCESSORIES



DRIVER OPTIONS

## AWARDS



Name	BLACK FOSTER 3 SPOT 4000K N
Reference	A3173102N
Color	Black
RAL	9005
Category	CUSTOM SYSTEMS

## PRODUCT

Type	LED
Gross luminous flux	750 lm
Colour temperature	4000 K
Chromatic stability	MacAdam Step 3
Colour Rendering Index	CRI > 90
Power	6,3 W
Current	700 mA
Efficacy	119 lm/W
LED lifespan	L90B10 > 102.000h

## LIGHT SOURCE

Lighting efficiency	90%
Light beam angle	19°

## LIGHTING FIXTURE | PHOTOMETRIC DATA

Driver	Excluded: Must be placed on remote
Dimming	No Dim / DALI / Push / 1-10V
Electrical insulation class	III

## LIGHTING FIXTURE | ELECTRICAL DATA

Sealing	IP20
Wireless control	Please Consult
Emergency power supply	Please Consult
Weight	240 g
Packaged weight	335 g
Packaging dimensions	212 x 155 x 73 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

## OTHER DATA



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. \*\*\* NOTE: Recommended for installations where the profile can be installed before the false plasterboard ceiling (thickness 12,5 mm).

POLAR DIAGRAM



CONICAL DIAGRAM



UGR

Glare Evaluation According to UGR												
p Ceiling		70	70	50	50	30	30	70	70	50	50	30
p Walls		50	30	50	30	30	30	50	30	50	30	30
p Floor		20	20	20	20	20	20	20	20	20	20	20
Room Size	Viewing direction at right angles to lamp axis	Viewing direction parallel to lamp axis										
X Y												
2H	2H	6.1	6.7	6.3	6.9	7.1	6.1	6.8	6.4	7.0	7.2	
	3H	9.6	10.2	9.9	10.5	10.7	9.7	10.3	10.0	10.5	10.8	
	4H	11.5	12.1	11.8	12.3	12.6	11.6	12.2	11.9	12.4	12.7	
	6H	13.6	14.2	13.9	14.4	14.7	13.6	14.2	13.9	14.4	14.7	
	8H	14.8	15.3	15.2	15.6	15.9	14.9	15.4	15.2	15.7	16.0	
	12H	16.2	16.7	16.5	17.0	17.3	16.3	16.8	16.6	17.1	17.4	
4H	2H	7.1	7.7	7.4	7.9	8.2	7.2	7.8	7.5	8.0	8.3	
	3H	10.9	11.4	11.3	11.7	12.0	11.0	11.5	11.3	11.8	12.1	
	4H	13.0	13.4	13.3	13.7	14.1	13.1	13.5	13.5	13.9	14.2	
	6H	15.2	15.6	15.6	16.0	16.3	15.3	15.6	15.7	16.0	16.4	
	8H	16.6	16.9	17.0	17.3	17.7	16.7	17.0	17.1	17.4	17.8	
	12H	18.0	18.3	18.5	18.7	19.1	18.1	18.4	18.6	18.8	19.2	
8H	4H	13.8	14.1	14.2	14.5	14.9	13.9	14.2	14.3	14.6	15.0	
	6H	16.3	16.6	16.8	17.0	17.4	16.4	16.6	16.8	17.0	17.5	
	8H	17.8	18.0	18.3	18.5	18.9	17.9	18.1	18.4	18.6	19.0	
	12H	19.5	19.7	20.0	20.1	20.6	19.6	19.8	20.1	20.2	20.7	
12H	4H	14.0	14.3	14.5	14.7	15.1	14.1	14.4	14.6	14.8	15.2	
	6H	16.7	16.9	17.2	17.3	17.8	16.7	16.9	17.2	17.4	17.8	
	8H	18.3	18.5	18.8	18.9	19.4	18.4	18.5	18.8	19.0	19.5	
Variation of the observer position for the luminaire distances S												
S = 1.0H		+0.2 / -0.2					+0.2 / -0.2					
S = 1.5H		+0.3 / -0.3					+0.3 / -0.3					
S = 2.0H		+0.5 / -0.6					+0.5 / -0.6					
Standard table		---					---					
Correction Summand		---					---					
Corrected Glare Indices referring to 750lm Total Luminous Flux												

INSTALLATION GUIDE



<https://youtu.be/tgGsQdaYe-w>

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



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

MATERIAL | AL | ABS+PC |

TRIMLESS INSTALLATION GUIDE  
<https://youtu.be/tgGsQdaYe-w>



**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.



Fuente de luz (LED) reemplazable por un profesional autorizado

Replaceable (LED only) light source by an authorized professional.

Source lumineuse (LED) remplaçable par un professionnel agréé

Sorgente luminosa (LED) sostituibile da parte di un professionista autorizzato

Austauschbare (LED) Lichtquelle durch einen autorisierten Fachmann



Equipo de control reemplazable por un profesional autorizado

Replaceable control gear by an authorized professional

Dispositif de commande remplaçable par un professionnel agréé

Alimentatore sostituibile da parte di un professionista autorizzato

Auswechselbares Betriebsgerät durch autorisierten Fachmann

INSTRUCCIONES PARA EL FINAL DE VIDA Y LA ELIMINACIÓN LOS COMPONENTES  
 INSTRUCTIONS ON END-OF-LIFE AND COMPONENT DISPOSAL  
 INSTRUCTIONS POUR LA GESTION DES COMPOSANTS EN FIN DE VIE ET LEUR MISE AU REBUT  
 ISTRUZIONI PER IL FINE VITA E LO SMALTIMENTO DEI COMPONENTI  
 ANWEISUNGEN ZUR ENTSORGUNG DER LEUCHTENKOMPONENTEN



Interrumpir la alimentación del aparato  
 Cut the power supply to the luminaire  
 Couper l'alimentation du luminaire  
 Interrompere l'alimentazione dell'apparecchio  
 Stromversorgung der Leuchte unterbrechen



Quitar la(s) fuente(s) de luz para el desecho  
 Remove light source(s) for disposal  
 Retirer la (les) source(s) lumineuse(s) pour l'élimination  
 Rimuovere la/le sorgente/e di luce per lo smaltimento  
 Lichtquelle(n) zur Entsorgung entfernen



Quitar la batería para el desecho  
 Remove the battery for decommissioning  
 Retirer la batterie pour sa mise au rebut  
 Rimuovere la batteria per la dismissione  
 Die Batterie ordnungsgemäß entsorgen



Quitar el equipo de control para el desecho  
 Remove control gear for disposal  
 Retirer le dispositif de commande pour l'élimination  
 Rimuovere l'alimentatore per lo smaltimento  
 Betriebsgerät zur Entsorgung ausbauen



Enviar los materiales a un centro de recogida RAEE  
 Send the materials to a WEEE collection centre  
 Envoyer les matériaux dans une déchetterie DEEE  
 Inviare i materiali ad un centro di raccolta RAEE  
 Die Materialien in einem WEEE-Zentrum entsorgen

