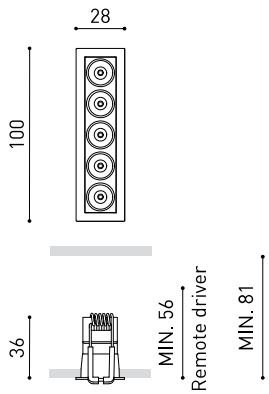
Black Foster Micro

ARKOSLIGHT

DIMENSIONS



AWARDS

reddot winner 2022
lighting design

PREMIO ADCV 2022
PLATA

	PRODUCT
Name	BLACK FOSTER MICRO RECESSED 5 DIM DALI 4000K N
Reference	A4142022N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

	LIGHT SOURCE
Type	LED
Gross luminous flux	850 lm
Colour temperature	4000 K
Chromatic stability	MacAdam Step 3
Colour Rendering Index	CRI>90
Power	7 W
Current	500 mA
Efficacy	114 lm/W
LED lifespan	L90B10 >60.000h

	LIGHTING FIXTURE | PHOTOMETRIC DATA
Lighting efficiency	87%
Light beam angle	37°

	LIGHTING FIXTURE | ELECTRICAL DATA
Driver	Included
Power values of the system	8,54 W
Voltage	220V/240V
Frecuency	50/60 Hz
Dimming	DALI
Electrical insulation class	⧈

	OTHER DATA
Sealing	IP20
Wireless control	Please Consult
Emergency power supply	Please Consult
Recess measurements	24 x 96 mm
Weight	160 g
Packaged weight	220 g
Packaging dimensions	176 x 61 x 50 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

Black Foster Micro is a feat of engineering which brings the acclaimed 'The Invisible Black' effect to a hyper-reduced light. Its tiny size and thin trim offer a 'trimless visual' aesthetic which combines with its almost imperceptible presence as a result of its compact dimensions. Black Foster Micro is designed for general or accent lighting and can be used in projects that seek ceiling lighting that plays a minimal role.

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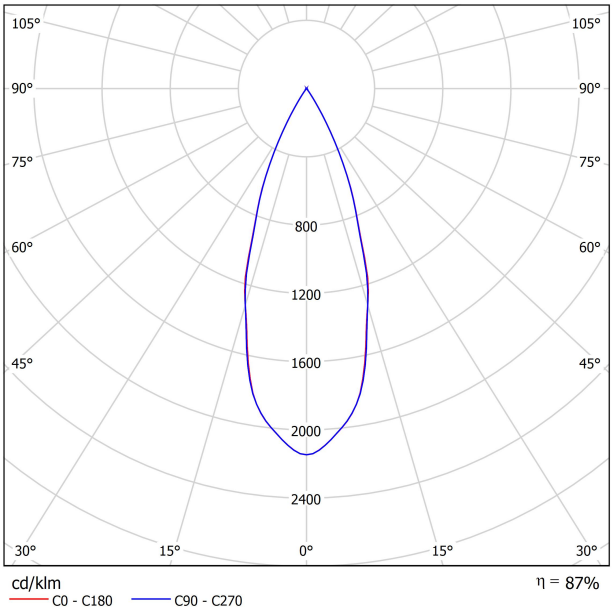
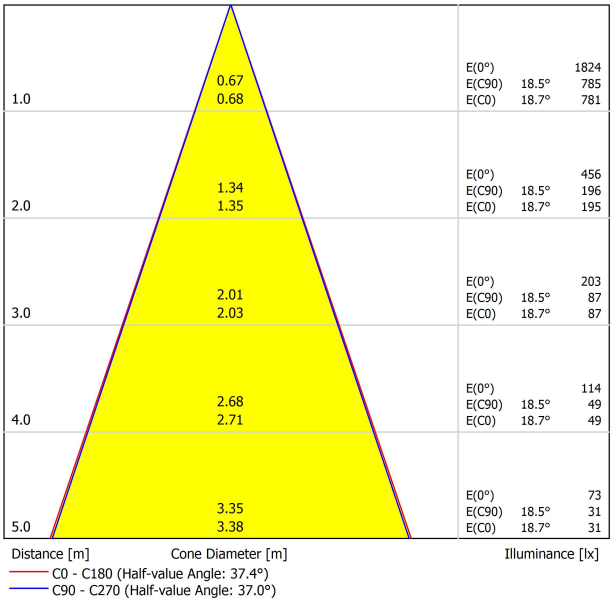
POLAR DIAGRAM



CONICAL DIAGRAM



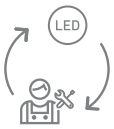
UGR

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	2.3	2.9	2.5	3.1	3.3	1.9	2.6	2.2	2.8	3.0
	3H	5.6	6.2	5.9	6.4	6.6	5.3	5.9	5.6	6.1	6.4
	4H	7.4	8.0	7.7	8.2	8.5	7.2	7.7	7.5	8.0	8.2
	6H	9.3	9.8	9.6	10.1	10.4	9.3	9.8	9.6	10.1	10.4
	8H	10.6	11.0	10.9	11.3	11.6	10.4	10.9	10.8	11.2	11.5
	12H	11.9	12.4	12.3	12.7	13.0	11.8	12.3	12.2	12.6	12.9
4H	2H	3.2	3.8	3.5	4.0	4.3	3.0	3.6	3.3	3.8	4.1
	3H	6.7	7.2	7.1	7.5	7.8	6.6	7.1	7.0	7.4	7.7
	4H	8.8	9.2	9.1	9.5	9.8	8.6	9.0	8.9	9.3	9.6
	6H	10.9	11.2	11.3	11.6	12.0	10.9	11.2	11.3	11.6	12.0
	8H	12.2	12.5	12.7	12.9	13.3	12.2	12.4	12.6	12.8	13.2
	12H	13.8	14.0	14.2	14.4	14.8	13.7	13.9	14.1	14.3	14.8
8H	4H	9.6	9.9	10.0	10.2	10.6	9.4	9.7	9.8	10.1	10.5
	6H	12.0	12.2	12.5	12.6	13.1	12.0	12.2	12.5	12.6	13.1
	8H	13.5	13.7	14.0	14.1	14.6	13.4	13.6	13.9	14.1	14.5
	12H	15.2	15.4	15.7	15.8	16.3	15.2	15.3	15.7	15.8	16.3
12H	4H	9.8	10.1	10.2	10.5	10.9	9.7	9.9	10.1	10.3	10.7
	6H	12.3	12.5	12.8	13.0	13.4	12.3	12.5	12.8	13.0	13.4
	8H	14.0	14.1	14.4	14.6	15.1	13.9	14.0	14.4	14.5	15.0
Variation of the observer position for the luminaire distances S											
S = 1.0H		+3.5 / -1.3					+3.6 / -1.3				
S = 1.5H		+6.0 / -1.6					+6.0 / -1.6				
S = 2.0H		+8.0 / -1.7					+8.0 / -1.9				
Standard table		---					---				
Correction Summand		---					---				
Corrected Glare Indices referring to 850lm Total Luminous Flux											

ECODESIGN AND ENERGY LABELLING

ARKOSLIGHT®



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

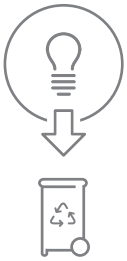
Dispositif de commande remplaçable par un professionnel agréé

Alimentatore sostituibile da parte di un professionista autorizzato

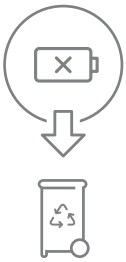
Auswechselbares Betriebsgerät durch autorisierten Fachmann

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

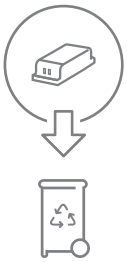
Interrumpir la alimentación del aparato
Cut the power supply to the luminaire
Couper l'alimentation du luminaire
Interrompere l'alimentazione dell'apparecchio
Stromversorgung der Leuchte unterbrechen



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

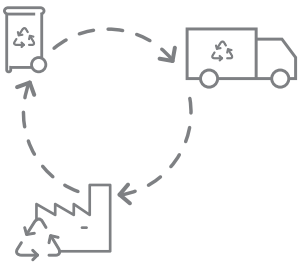


Quitar la batería para el desecho
Remove the battery for decommissioning
Retirer la batterie pour sa mise au rebut
Rimuovere la batteria per la dismissione
Die Batterie ordnungsgemäß entsorgen



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



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