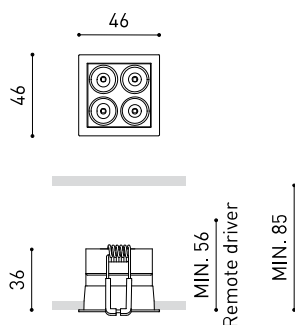




DIMENSIONS



AWARDS



Name	BLACK FOSTER MICRO RECESSED 2X2 DIM PH.CUT 4000K N
Reference	A4143052N
Color	Black
RAL	9005
Category	CEILING RECESSED

PRODUCT

Type	LED
Gross luminous flux	680 lm
Colour temperature	4000 K
Chromatic stability	MacAdam Step 3
Colour Rendering Index	CRI>90
Power	5,6 W
Current	500 mA
Efficacy	121 lm/W
LED lifespan	L90B10 >60.000h

LIGHT SOURCE

Lighting efficiency	87%
Light beam angle	37°

LIGHTING FIXTURE | PHOTOMETRIC DATA

Driver	Included
Power values of the system	7,72 W
Frequency	50/60 Hz
Dimming	Phase Cut
Electrical insulation class	□

LIGHTING FIXTURE | ELECTRICAL DATA

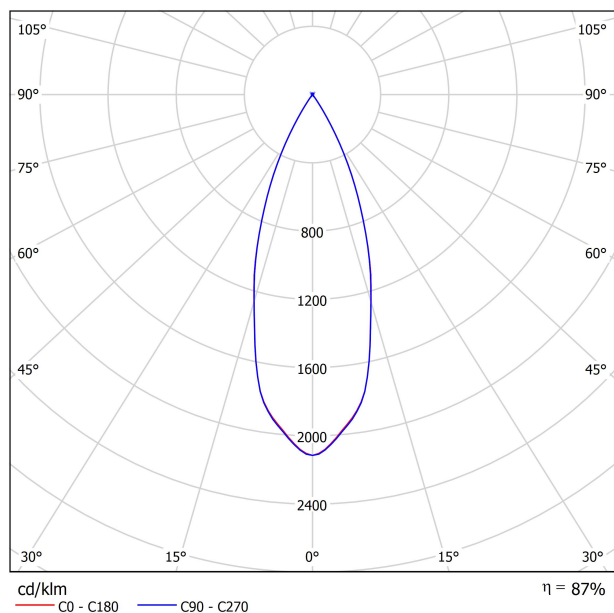
Sealing	IP20
Wireless control	Please Consult
Emergency power supply	Please Consult
Recess measurements	42 x 42 mm
Weight	125 g
Packaged weight	200 g
Packaging dimensions	176 x 79 x 50 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

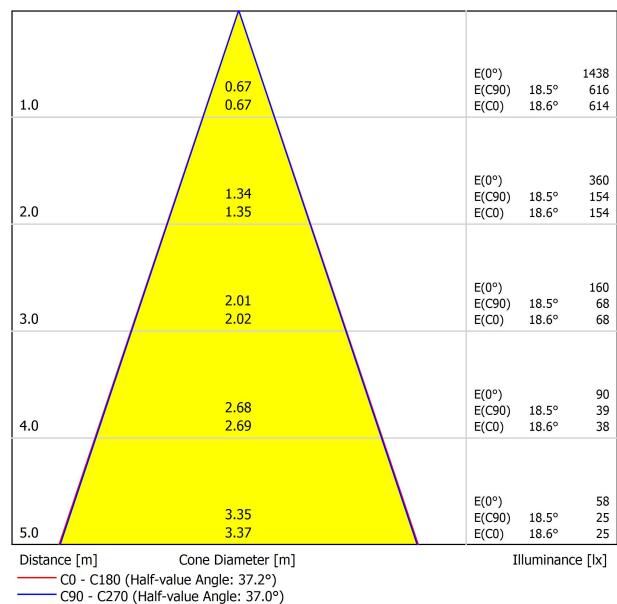


Black Foster Micro is a feat of engineering which brings the acclaimed 'The Invisible Black' effect to a hyper-reduced light. Its tiny size and thin trim offer a 'trimless visual' aesthetic which combines with its almost imperceptible presence as a result of its compact dimensions. Black Foster Micro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

POLAR DIAGRAM

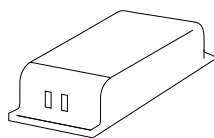


CONICAL DIAGRAM



UGR

Glare Evaluation According to UGR												
p Ceiling		70	70	50	50	30	70	70	50	50	30	30
p Walls		50	30	50	30	30	50	30	50	30	30	30
p Floor		20	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	-4.7	-4.1	-4.5	-3.9	-3.7	-5.4	-4.8	-5.1	-4.6	-4.4	-4.4
	3H	-1.6	-1.0	-1.3	-0.8	-0.6	-1.5	-1.0	-1.3	-0.7	-0.5	-0.5
	4H	0.1	0.6	0.4	0.9	1.1	0.5	1.0	0.8	1.3	1.5	1.5
	6H	2.3	2.8	2.7	3.1	3.4	2.6	3.1	2.9	3.4	3.7	3.7
	8H	3.5	4.0	3.9	4.3	4.6	3.6	4.1	4.0	4.4	4.7	4.7
4H	12H	4.7	5.1	5.0	5.4	5.7	4.7	5.2	5.1	5.5	5.8	5.8
	2H	-3.9	-3.3	-3.6	-3.1	-2.8	-4.3	-3.8	-4.0	-3.6	-3.3	-3.3
	3H	-0.4	0.0	-0.1	0.3	0.6	-0.4	0.1	-0.0	0.4	0.7	0.7
	4H	1.5	1.8	1.8	2.2	2.5	1.8	2.2	2.2	2.6	2.9	2.9
	6H	4.0	4.3	4.4	4.6	5.0	4.2	4.5	4.6	4.9	5.3	5.3
8H	8H	5.3	5.6	5.7	5.9	6.3	5.3	5.6	5.7	6.0	6.4	6.4
	12H	6.5	6.7	6.9	7.1	7.6	6.5	6.8	7.0	7.2	7.6	7.6
	4H	2.3	2.6	2.7	3.0	3.4	2.6	2.9	3.0	3.3	3.7	3.7
	6H	5.0	5.2	5.4	5.6	6.1	5.2	5.4	5.7	5.9	6.3	6.3
	8H	6.5	6.7	6.9	7.1	7.6	6.5	6.7	7.0	7.1	7.6	7.6
12H	12H	7.9	8.1	8.4	8.5	9.0	7.9	8.1	8.4	8.5	9.0	9.0
	4H	2.6	2.8	3.0	3.2	3.6	2.8	3.1	3.3	3.5	3.9	3.9
	6H	5.3	5.5	5.8	5.9	6.4	5.5	5.7	6.0	6.1	6.6	6.6
	8H	6.9	7.0	7.4	7.5	8.0	6.9	7.0	7.4	7.5	8.0	8.0
Variation of the observer position for the luminaire distances S												
S = 1.0H		+6.0 / -4.4					+6.0 / -4.3					
S = 1.5H		+8.8 / -4.8					+8.7 / -4.7					
S = 2.0H		+10.8 / -5.4					+10.8 / -5.0					
Standard table		BK01					BK01					
Correction		-5.3					-5.4					
Summand												
Corrected Glare Indices referring to 680lm Total Luminous Flux												



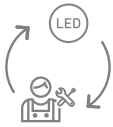
DRIVER

0000-94-44	DRIVER PHASE CUT 7W 500mA
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PHASE CUT DIMMERS TESTED FOR COMPATIBILITY:

Brand / Manufacturer	Model number	Dimming Type
Busch-Jaeger	6523 U-102	Trailing edge
Busch-Jaeger	6523 UR-103	Trailing edge
Niko	310-0190X	Trailing edge
Jung	LB-Management	Trailing edge
HZC Electric	AU-P3	Trailing edge
Philips	SED-200A	Trailing edge
Merten/Schneider	SBD315RC	Trailing edge
Etman	ETM327	Trailing edge
Etman	ETM329	Trailing edge
Etman (EGANT)	U321V2	Trailing edge
Casambi	CBU-TED	Trailing edge

THE PARTICULAR CONDITIONS OF EACH INSTALLATION AND THE SPECIFICATIONS AND CONDITIONS OF USE OF EACH REGULATOR, MAY DIFFER FROM THOSE CONSIDERED IN THE COMPATIBILITY TESTING, AND AFFECT ITS PERFORMANCE IN SAID INSTALLATION.



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

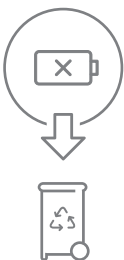
INSTRUCCIONES PARA EL FINAL DE VIDA Y LA ELIMINACIÓN LOS COMPONENTES
INSTRUCTIONS ON END-OF-LIFE AND COMPONENT DISPOSAL
INSTRUCTIONS POUR LA GESTION DES COMPOSANTS EN FIN DE VIE ET LEUR MISE AU REBUT
ISTRUZIONI PER IL FINE VITA E LO SMALTIMENTO DEI COMPONENTI
ANWEISUNGEN ZUR ENTSORGUNG DER LEUCHTENKOMPONENTEN



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

