



DIMENSIONS



AWARDS



Name	BLACK FOSTER REC 2X2 SPOT DIM PH.CUT 3000K N
Reference	A3195151N
Color	Black
RAL	9005
Category	CEILING RECESSED
Type	LED
Gross luminous flux	840 lm
Colour temperature	3000 K
Chromatic stability	MacAdam Step 3
Colour Rendering Index	CRI>90
Power	8,4 W
Current	700 mA
Efficacy	100 lm/W
LED lifespan	L90B10 >102.000h
Lighting efficiency	90%
Light beam angle	19°
Driver	Included - Connected
Power values of the system	11,78 W
Frequency	50/60 Hz
Dimming	Phase Cut
Electrical insulation class	<input type="checkbox"/>
Sealing	IP20
Wireless control	Please Consult
Emergency power supply	Please Consult
Recess measurements	93 x 93 mm
Weight	221 g
Packaged weight	321 g
Packaging dimensions	178 x 135 x 50 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene

PRODUCT

LIGHT SOURCE

LIGHTING FIXTURE | PHOTOMETRIC DATA

LIGHTING FIXTURE | ELECTRICAL DATA

OTHER DATA

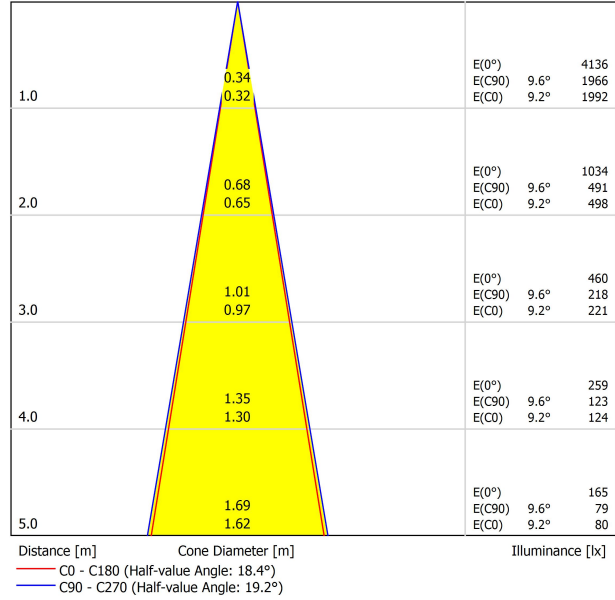


Black Foster is the product that transfers the claimed effect "The Invisible Black" to a recessed-isolated lineal luminary; also available in trimless version. If we take a closer view to the recessed model, its bezel is so thin than when lighted up, it is unperceived; offering an aesthetic of "visual trimless". Black Foster stands out for its refinement, its visual comfort and for almost completely hide the source of light from the human eye range.

POLAR DIAGRAM



CONICAL DIAGRAM



UGR

Glare Evaluation According to UGR											
Room Size		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
X	Y	70	70	50	50	30	70	70	50	50	30
p Ceiling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
p Floor		20	20	20	20	20	20	20	20	20	20
2H	2H	1.8	2.4	2.0	2.6	2.8	2.6	3.3	2.9	3.5	3.7
	3H	5.3	5.9	5.5	6.1	6.3	6.5	7.1	6.8	7.4	7.6
	4H	7.2	7.8	7.5	8.1	8.3	8.4	8.9	8.7	9.2	9.4
	6H	9.5	10.0	9.8	10.3	10.6	10.6	11.2	11.0	11.4	11.7
	8H	10.6	11.1	10.9	11.4	11.7	11.9	12.4	12.2	12.7	13.0
	12H	12.0	12.5	12.3	12.8	13.1	13.3	13.8	13.6	14.1	14.4
4H	2H	3.1	3.7	3.4	4.0	4.2	3.7	4.3	4.0	4.5	4.8
	3H	6.9	7.3	7.2	7.6	8.0	7.7	8.2	8.1	8.5	8.8
	4H	8.9	9.4	9.3	9.7	10.0	9.7	10.2	10.1	10.5	10.8
	6H	11.2	11.6	11.6	11.9	12.3	12.2	12.5	12.6	12.9	13.3
	8H	12.4	12.8	12.9	13.1	13.5	13.5	13.8	13.9	14.2	14.6
	12H	13.9	14.2	14.3	14.6	15.0	15.1	15.3	15.5	15.7	16.2
8H	4H	9.9	10.2	10.3	10.6	11.0	10.5	10.8	10.9	11.2	11.6
	6H	12.4	12.6	12.8	13.0	13.5	13.1	13.4	13.6	13.8	14.2
	8H	13.8	14.0	14.2	14.4	14.9	14.7	14.9	15.1	15.3	15.8
	12H	15.4	15.6	15.9	16.0	16.5	16.4	16.6	16.9	17.0	17.5
12H	4H	10.2	10.4	10.6	10.8	11.3	10.7	11.0	11.1	11.4	11.8
	6H	12.7	12.9	13.2	13.4	13.8	13.4	13.6	13.9	14.1	14.5
	8H	14.3	14.4	14.8	14.9	15.4	15.1	15.2	15.5	15.7	16.2
Variation of the observer position for the luminaire distances S											
S = 1.0H		+0.2 / -0.1					+0.2 / -0.1				
S = 1.5H		+0.3 / -0.3					+0.3 / -0.3				
S = 2.0H		+0.5 / -0.5					+0.5 / -0.5				
Standard table Correction Summand		---					---				
Corrected Glare Indices referring to 840lm Total Luminous Flux											



DRIVER

0000-96-39	DRIVER 10W 700mA PHASE CUT
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PHASE CUT DIMMERS TESTED FOR COMPATIBILITY:

Brand / Manufacturer	Model number	Dimming Type
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
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.

FOR MORE INFO, PLEASE CONSULT



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

