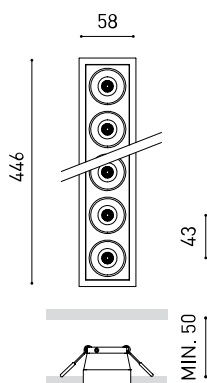




DIMENSIONS



AWARDS



Name	BLACK FOSTER REC 10 FLOOD DIM PH.CUT 3500K WT
Reference	A3196053WT
Color	Textured white
RAL	9016
Category	CEILING RECESSED
<b>PRODUCT</b>	
Type	LED
Gross luminous flux	2300 lm
Colour temperature	3500 K
Chromatic stability	MacAdam Step 3
Colour Rendering Index	CRI>90
Power	21 W
Current	700 mA
Efficacy	110 lm/W
LED lifespan	L90B10 >102.000h
<b>LIGHT SOURCE</b>	
Lighting efficiency	92%
Light beam angle	38°
<b>LIGHTING FIXTURE   PHOTOMETRIC DATA</b>	
Driver	Included - Connected
Power values of the system	24,00 W
Frequency	50/60 Hz
Dimming	Phase Cut
Electrical insulation class	□
<b>LIGHTING FIXTURE   ELECTRICAL DATA</b>	
Sealing	IP20
Wireless control	Please Consult
Emergency power supply	Please Consult
Recess measurements	50 x 440 mm
Weight	769 g
Packaged weight	939 g
Packaging dimensions	491 x 105 x 83 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene
<b>OTHER DATA</b>	



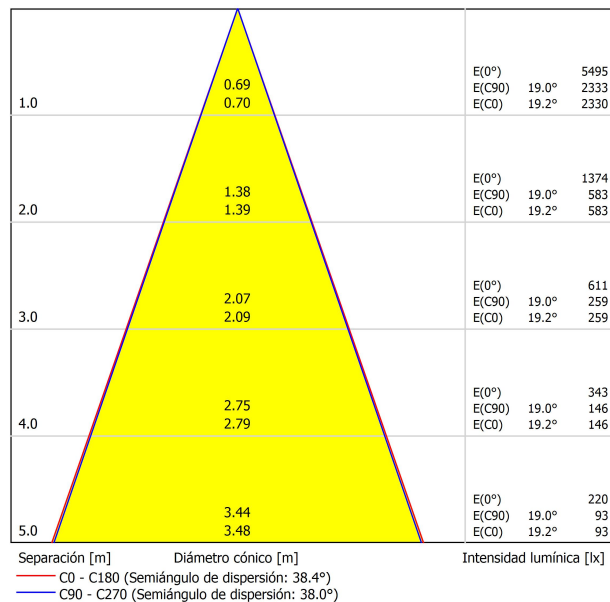
Black Foster is the product that transfers the claimed effect "The Invisible Black" to a recessed-isolated lineal luminary; also available in trimless version. If we take a closer view to the recessed model, its bezel is so thin than when lighted up, it is unperceived; offering an aesthetic of "visual 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

Valoración de deslumbramiento según UGR												
$\rho$ Techo	70	70	50	50	30	70	70	50	50	30		
$\rho$ Paredes	50	30	50	30	30	50	30	50	30	30		
$\rho$ Suelo	20	20	20	20	20	20	20	20	20	20		
Tamaño del local	Mirado en perpendicular al eje de lámpara					Mirado longitudinalmente al eje de lámpara						
X Y	2H	3H	4H	6H	8H	12H	2H	3H	4H	6H	8H	12H
2H	2H	-1.7	-1.1	-1.5	-0.9	-0.7	0.1	0.8	0.4	1.0	1.2	1.4
	3H	-1.2	-0.7	-1.0	-0.4	-0.2	0.4	1.0	0.7	1.2	1.4	1.4
	4H	-0.3	0.3	0.0	0.5	0.8	1.2	1.7	1.5	1.9	2.2	2.2
	6H	1.6	2.1	1.9	2.4	2.7	2.6	3.1	2.9	3.4	3.7	3.7
	8H	3.0	3.4	3.3	3.7	4.0	3.7	4.2	4.1	4.5	4.8	4.8
	12H	4.6	5.1	5.0	5.4	5.7	5.2	5.7	5.6	6.0	6.3	6.3
4H	2H	-1.8	-1.2	-1.5	-1.0	-0.7	0.0	0.6	0.3	0.8	1.1	1.1
	3H	-0.8	-0.3	-0.5	-0.0	0.3	0.6	1.1	1.0	1.4	1.7	1.7
	4H	0.7	1.1	1.0	1.4	1.7	1.8	2.2	2.2	2.5	2.9	2.9
	6H	3.1	3.4	3.5	3.8	4.2	3.8	4.1	4.2	4.5	4.9	4.9
	8H	4.7	5.0	5.1	5.3	5.7	5.2	5.5	5.6	5.9	6.3	6.3
	12H	6.5	6.8	7.0	7.2	7.6	7.0	7.2	7.4	7.6	8.1	8.1
8H	4H	1.6	1.9	2.0	2.3	2.7	2.5	2.8	2.9	3.2	3.6	3.6
	6H	4.5	4.7	4.9	5.1	5.5	4.9	5.2	5.4	5.6	6.0	6.0
	8H	6.2	6.4	6.7	6.8	7.3	6.6	6.8	7.1	7.2	7.7	7.7
	12H	8.3	8.4	8.7	8.9	9.4	8.6	8.8	9.1	9.2	9.7	9.7
12H	4H	2.0	2.2	2.4	2.6	3.0	2.8	3.0	3.2	3.4	3.8	3.8
	6H	5.0	5.2	5.4	5.6	6.1	5.4	5.6	5.9	6.0	6.5	6.5
	8H	6.9	7.0	7.4	7.5	8.0	7.2	7.3	7.7	7.8	8.3	8.3
Variación de la posición del espectador para separaciones S entre luminarias												
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						
Tabla estándar	---					---						
Sumando de corrección	---					---						
Índice de deslumbramiento corregido en relación a 2300lm Flujo luminoso total												



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

