



## DIMENSIONS



## AWARDS



Name	BLACK FOSTER REC 10 SPOT 3000K WT
Reference	A3196111WT
Color	Textured white
RAL	9016
Category	CEILING RECESSED

## PRODUCT

Type	LED
Gross luminous flux	2100 lm
Colour temperature	3000 K
Chromatic stability	MacAdam Step 3
Colour Rendering Index	CRI > 90
Power	21 W
Current	700 mA
Efficacy	100 lm/W
LED lifespan	L90B10 > 102.000h

## LIGHT SOURCE

Lighting efficiency	90%
Light beam angle	19°

## LIGHTING FIXTURE | PHOTOMETRIC DATA

Driver	Included - Connected
Power values of the system	24,05 W
Frequency	50/60 Hz
Dimming	No Dim
Electrical insulation class	□

## LIGHTING FIXTURE | ELECTRICAL DATA

Sealing	IP20
Wireless control	Please Consult
Emergency power supply	Please Consult
Recess measurements	50 x 440 mm
Weight	773 g
Packaged weight	943 g
Packaging dimensions	491 x 105 x 83 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene

## OTHER DATA

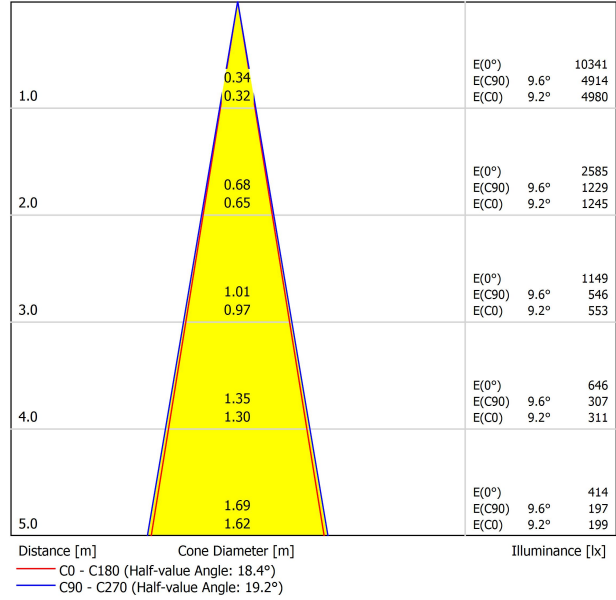


Black Foster is the product that transfers the claimed effect "The Invisible Black" to a recessed-isolated lineal luminary; also available in trimless version. If we take a closer view to the recessed model, its bezel is so thin than when lighted up, it is unperceived; offering an aesthetic of "visual 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											
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	2.2	2.8	2.4	3.0	3.2	3.0	3.7	3.3	3.9	4.1
	3H	5.7	6.3	5.9	6.5	6.7	6.9	7.5	7.2	7.8	8.0
	4H	7.6	8.2	7.9	8.5	8.7	8.8	9.3	9.1	9.6	9.8
	6H	9.9	10.4	10.2	10.7	11.0	11.0	11.6	11.4	11.8	12.1
	8H	11.0	11.5	11.3	11.8	12.1	12.3	12.8	12.6	13.1	13.4
4H	2H	3.5	4.1	3.8	4.4	4.6	4.1	4.7	4.4	4.9	5.2
	3H	7.3	7.7	7.6	8.0	8.4	8.1	8.6	8.5	8.9	9.2
	4H	9.3	9.8	9.7	10.1	10.4	10.2	10.6	10.5	10.9	11.2
	6H	11.6	12.0	12.0	12.3	12.7	12.6	12.9	13.0	13.3	13.7
	8H	12.8	13.2	13.3	13.5	13.9	13.9	14.2	14.3	14.6	15.0
8H	2H	14.3	14.6	14.8	15.0	15.4	15.5	15.7	15.9	16.1	16.6
	4H	10.3	10.6	10.7	11.0	11.4	10.9	11.2	11.3	11.6	12.0
	6H	12.8	13.0	13.2	13.4	13.9	13.5	13.8	14.0	14.2	14.6
	8H	14.2	14.4	14.7	14.8	15.3	15.1	15.3	15.5	15.7	16.2
	12H	15.8	16.0	16.3	16.5	16.9	16.8	17.0	17.3	17.4	17.9
12H	4H	10.6	10.8	11.0	11.2	11.7	11.1	11.4	11.5	11.8	12.2
	6H	13.1	13.3	13.6	13.8	14.2	13.8	14.0	14.3	14.5	14.9
	8H	14.7	14.8	15.2	15.3	15.8	15.5	15.6	15.9	16.1	16.6
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 2100lm Total Luminous Flux											



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

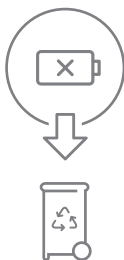
### ANWEISUNGEN ZUR ENTSORGUNG DER LEUCHTENKOMPONENTEN



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

