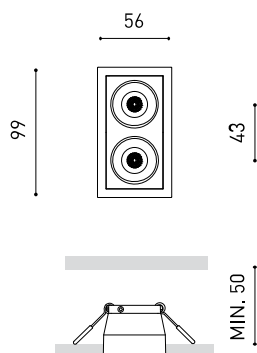




DIMENSIONS



AWARDS



PRODUCT

Name	BLACK FOSTER REC 2 SPOT 3000K N
Reference	A3192111N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

LIGHT SOURCE

Type	LED
Gross luminous flux	420 Lm
Colour temperature	3000 K
Chromatic stability	MacAdam Step 3
Colour Rendering Index	CRI>90
Power	4,2 W
Current	700 mA
Efficacy	100 Lm/W
LED lifespan	L80B10 (Tc=85°C) >60.000h

LIGHTING FIXTURE | PHOTOMETRIC DATA

Lighting efficiency	90%
Light beam angle	19°

LIGHTING FIXTURE | ELECTRICAL DATA

Driver	Included - Connected
Power values of the system	4,67 W
Voltage	220V/240V
Frecuency	50/60 Hz
Dimming	No Dim
Electrical insulation class	□

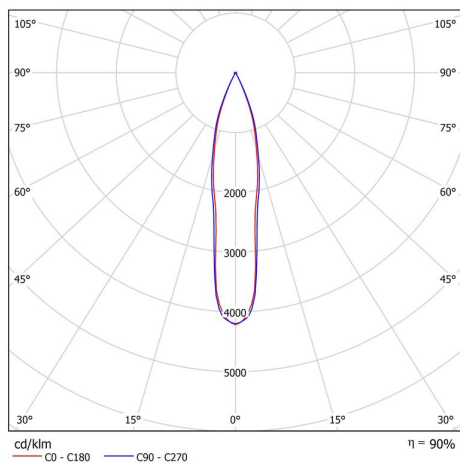
OTHER DATA

Sealing	IP20
Wireless control	Please Consult
Emergency power supply	Please Consult
Recess measurements	50 x 93 mm
Weight	155 g
Packaged weight	225 g
Packaging dimensions	158 x 98 x 50 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene

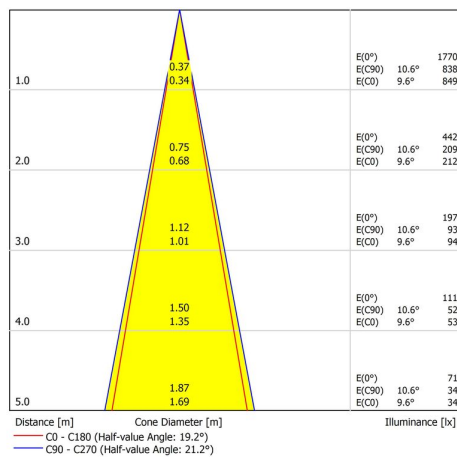


Black Foster is the product that transfers the claimed effect "The Invisible Black" to a recessed-isolated lineal luminary; also available in trimless version. If we take a closer view to the recessed model, its bezel is so thin than when lighted up, it is unperceived; offering an aesthetic of "visual 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	4.5	5.2	4.8	5.4	5.6	4.2	4.9	4.5	5.1	5.3	
	3H	8.3	8.9	8.5	9.1	9.3	7.8	8.4	8.0	8.6	8.8	
	4H	10.2	10.8	10.5	11.0	11.3	9.8	10.4	10.1	10.6	10.9	
	6H	12.2	12.8	12.5	13.0	13.3	11.8	12.4	12.2	12.7	12.9	
	8H	13.3	13.8	13.6	14.1	14.4	13.1	13.7	13.5	13.9	14.2	
	12H	14.6	15.1	15.0	15.4	15.7	14.5	15.0	14.8	15.3	15.6	
4H	2H	5.6	6.2	5.9	6.4	6.7	5.4	6.0	5.7	6.2	6.5	
	3H	9.5	10.0	9.9	10.3	10.6	9.2	9.7	9.5	10.0	10.3	
	4H	11.5	12.0	11.9	12.3	12.6	11.3	11.8	11.7	12.1	12.4	
	6H	13.8	14.2	14.2	14.5	14.9	13.5	13.9	13.9	14.3	14.7	
	8H	15.0	15.3	15.4	15.7	16.1	14.9	15.2	15.3	15.6	16.0	
	12H	16.5	16.7	16.9	17.1	17.6	16.4	16.6	16.8	17.0	17.5	
8H	4H	12.4	12.7	12.8	13.1	13.5	12.2	12.5	12.6	12.9	13.3	
	6H	14.9	15.2	15.4	15.6	16.0	14.7	15.0	15.2	15.4	15.8	
	8H	16.3	16.5	16.8	17.0	17.4	16.3	16.5	16.7	16.9	17.4	
	12H	17.9	18.1	18.4	18.6	19.1	17.9	18.0	18.4	18.5	19.0	
12H	4H	12.6	12.9	13.0	13.3	13.7	12.5	12.7	12.9	13.1	13.6	
	6H	15.3	15.5	15.7	15.9	16.4	15.1	15.3	15.6	15.8	16.2	
	8H	16.8	16.9	17.3	17.4	17.9	16.7	16.9	17.2	17.4	17.9	
Variation of the observer position for the luminaire distances S												
S = 1.0H		+0.2 / -0.1					+0.2 / -0.2					
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 420lm Total Luminous Flux												