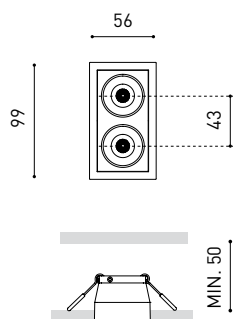




DIMENSIONS



AWARDS



Name	BLACK FOSTER REC 2 4000K N
Reference	A3192012N
Color	Matt black
RAL	9005
Category	CEILING RECESSED
LIGHTING INFORMATION	
Light source	LED
Gross luminous flux	500 Lm
Power	4,2 W
Power values of the system	4,67 W
Colour temperature	4000 K
Colour Rendering Index	CRI>90
Chromatic stability	Mac Adam Step 3
Light beam angle	38°
Unified Glare Rating	UGR<19
Lighting efficiency	90%
Efficacy	119 Lm/W
Current intensity	700 mA
Control through bluetooth	Please Consult
Driver	Included - Connected
Emergency power supply	Please Consult
Electrical insulation class	□
Voltage	220 V/240 V
Frequency	50/60 Hz
Energy efficiency	A++
LED lifespan	L80B10 (Tc=85°C) >60.000h
OTHER DATA	
Ingress Protection	IP20
Recess measurements	50 × 93 mm.
Weight	155 g.
Packaged weight	225 g.
Packaging dimensions	158 × 98 × 50 mm.
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

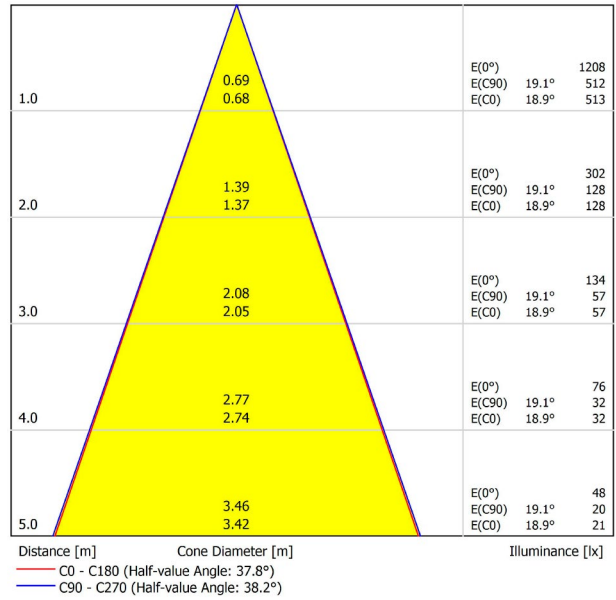


Black Foster is the product that transfers the claimed effect "The Invisible Black" to a recessed-isolated lineal luminary; also available in trimless version. If we take a closer view to the recessed model, its bezel is so thin than when lighted up, it is unperceived; offering an aesthetic of "visual 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	30
ρ Walls	50	30	50	30	30	50	30	50	30	30	20
ρ Floor	20	20	20	20	20	20	20	20	20	20	20
Room Size		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
X	Y										
2H	2H	-10.0	-9.3	-9.7	-9.1	-9.0	-9.6	-9.0	-9.4	-8.8	-8.6
	3H	-5.0	-4.4	-4.7	-4.1	-3.9	-4.7	-4.1	-4.4	-3.9	-3.6
	4H	-2.1	-1.5	-1.8	-1.3	-1.0	-1.6	-1.1	-1.3	-0.8	-0.6
	6H	1.4	1.9	1.8	2.2	2.5	1.7	2.2	2.0	2.5	2.7
	8H	3.3	3.8	3.6	4.1	4.4	3.4	3.9	3.8	4.2	4.5
4H	12H	5.3	5.8	5.6	6.1	6.4	5.4	5.9	5.8	6.2	6.5
	2H	-8.4	-7.8	-8.1	-7.6	-7.3	-8.1	-7.6	-7.8	-7.3	-7.1
	3H	-3.2	-2.7	-2.8	-2.4	-2.1	-3.0	-2.5	-2.6	-2.2	-1.9
	4H	-0.2	0.2	0.2	0.6	0.9	0.2	0.6	0.6	0.9	1.3
	6H	3.4	3.7	3.8	4.1	4.4	3.6	3.9	4.0	4.2	4.6
8H	8H	5.3	5.6	5.7	5.9	6.3	5.4	5.7	5.8	6.1	6.5
	12H	7.3	7.6	7.8	8.0	8.4	7.4	7.7	7.9	8.1	8.5
	4H	1.2	1.5	1.6	1.9	2.3	1.4	1.7	1.9	2.1	2.5
	6H	4.9	5.1	5.3	5.5	5.9	5.0	5.2	5.4	5.6	6.1
	8H	6.9	7.0	7.3	7.5	7.9	6.9	7.1	7.4	7.6	8.0
12H	12H	9.1	9.2	9.6	9.7	10.2	9.1	9.3	9.6	9.7	10.2
	4H	1.7	1.9	2.1	2.3	2.8	1.9	2.1	2.3	2.5	3.0
	6H	5.4	5.6	5.8	6.0	6.5	5.5	5.7	6.0	6.1	6.6
8H	7.5	7.6	8.0	8.1	8.6	7.5	7.7	8.0	8.2	8.6	
Variation of the observer position for the luminaire distances S											
S = 1.0H	+0.5 / -0.3					+0.6 / -0.3					
S = 1.5H	+1.1 / -0.5					+1.3 / -0.5					
S = 2.0H	+1.9 / -0.8					+2.3 / -0.8					
Standard table	---					---					
Correction	---					---					
Summand	---					---					
Corrected Glare Indices referring to 500lm Total Luminous Flux											