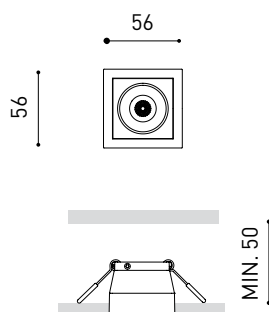




DIMENSIONS



AWARDS



Name	BLACK FOSTER REC 1 4000K N
Reference	A3191012N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

LIGHTING INFORMATION

Light source	LED
Gross luminous flux	250 Lm
Power	2,1 W
Power values of the system	3,23 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

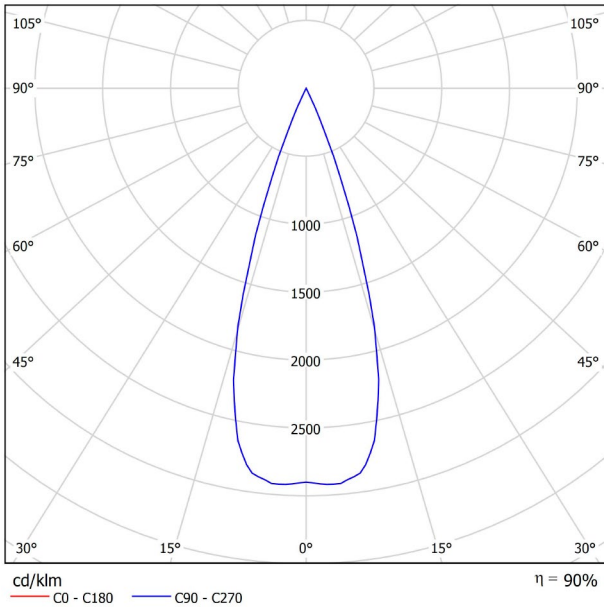
OTHER DATA

Ingress Protection	IP20
Recess measurements	50 × 50 mm.
Weight	85 g.
Packaged weight	130 g.
Packaging dimensions	78 × 98 × 50 mm.
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

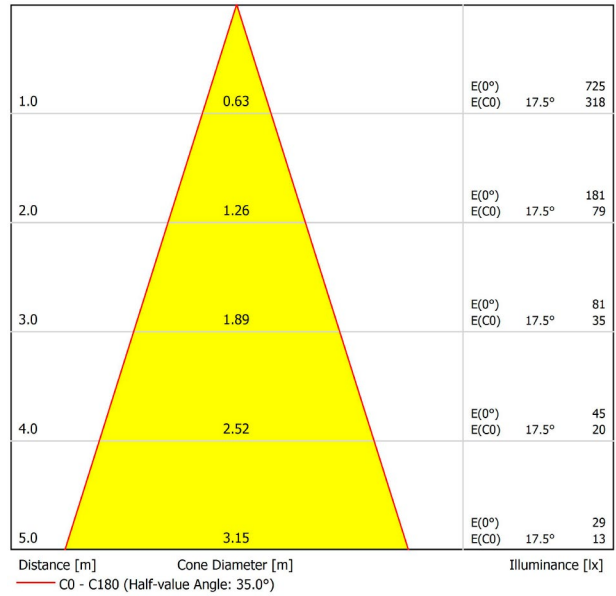


Black Foster is the product that transfers the claimed effect "The Invisible Black" to a recessed-isolated lineal luminary; also available in trimless version. If we take a closer view to the recessed model, its bezel is so thin than when lighted up, it is unperceived; offering an aesthetic of "visual 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
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	-5.7	-5.1	-5.5	-4.9	-4.7	-5.7	-5.1	-5.5	-4.9	-4.7
	3H	-5.9	-5.3	-5.6	-5.1	-4.8	-5.9	-5.3	-5.6	-5.1	-4.8
	4H	-5.9	-5.4	-5.6	-5.1	-4.9	-5.9	-5.4	-5.6	-5.1	-4.9
	6H	-6.0	-5.5	-5.7	-5.2	-5.0	-6.0	-5.5	-5.7	-5.2	-5.0
	8H	-6.0	-5.6	-5.7	-5.3	-5.0	-6.0	-5.6	-5.7	-5.3	-5.0
4H	12H	-6.1	-5.6	-5.7	-5.3	-5.0	-6.1	-5.6	-5.7	-5.3	-5.0
	2H	-5.9	-5.4	-5.6	-5.1	-4.9	-5.9	-5.4	-5.6	-5.1	-4.9
	3H	-6.1	-5.6	-5.7	-5.3	-5.0	-6.1	-5.6	-5.7	-5.3	-5.0
	4H	-6.2	-5.8	-5.8	-5.4	-5.1	-6.2	-5.8	-5.8	-5.4	-5.1
8H	6H	-6.2	-5.9	-5.8	-5.6	-5.2	-6.2	-5.9	-5.8	-5.6	-5.2
	8H	-6.3	-6.0	-5.9	-5.6	-5.2	-6.3	-6.0	-5.9	-5.6	-5.2
	12H	-6.3	-6.1	-5.9	-5.7	-5.3	-6.3	-6.1	-5.9	-5.7	-5.3
	4H	-6.3	-6.0	-5.9	-5.6	-5.2	-6.3	-6.0	-5.9	-5.6	-5.2
12H	6H	-6.4	-6.2	-5.9	-5.7	-5.3	-6.4	-6.2	-5.9	-5.7	-5.3
	8H	-6.4	-6.2	-5.9	-5.8	-5.3	-6.4	-6.2	-5.9	-5.8	-5.3
	12H	-6.5	-6.3	-6.0	-5.9	-5.4	-6.5	-6.3	-6.0	-5.9	-5.4
	8H	-6.3	-6.1	-5.9	-5.7	-5.3	-6.3	-6.1	-5.9	-5.7	-5.3
Variation of the observer position for the luminaire distances S											
S = 1.0H		+0.0 / 0.0					+0.0 / 0.0				
S = 1.5H		+0.0 / 0.0					+0.0 / 0.0				
S = 2.0H		+0.0 / 0.0					+0.0 / 0.0				
Standard table		BK00					BK00				
Correction Summand		-20.0					-20.0				
Corrected Glare Indices referring to 250lm Total Luminous Flux											