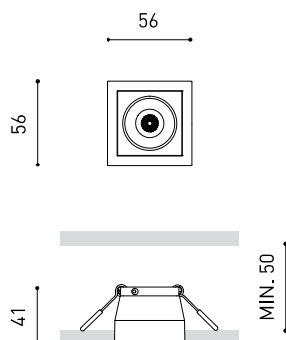




## DIMENSIONS



## AWARDS



Name	BLACK FOSTER REC 1 FLOOD 3000K N
Reference	A3191011N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

Type	LED
Gross luminous flux	210 Lm
Colour temperature	3000 K
Chromatic stability	MacAdam Step 3
Colour Rendering Index	CRI > 90
Power	2,1 W
Current	700 mA
Efficacy	100 Lm/W
LED lifespan	L80B10 (Tc=85°C) > 60.000h

Lighting efficiency	92%
Light beam angle	38°

Driver	Included - Connected
Power values of the system	3,23 W
Voltage	220V/240V
Frecuency	50/60 Hz
Dimming	No Dim
Electrical insulation class	□

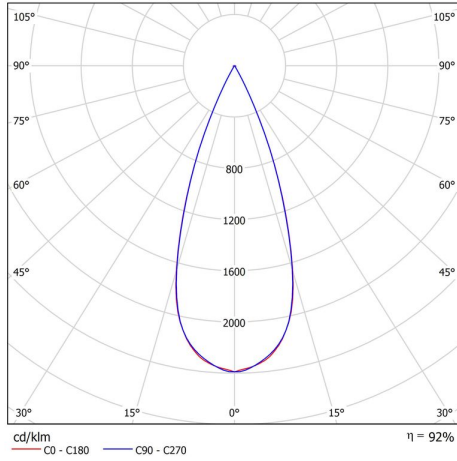
Sealing	IP20
Wireless control	Please Consult
Emergency power supply	Please Consult
Recess measurements	50 x 50 mm
Weight	85 g
Packaged weight	130 g
Packaging dimensions	78 x 98 x 50 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene



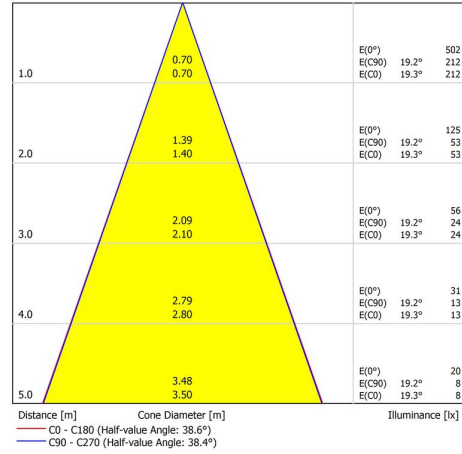
## OTHER DATA

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	30
ρ Walls	50	30	50	30	30	50	30	50	30	30	30
ρ Floor	20	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	-3.9	-4.3	-3.7	-3.5	-4.4	-3.7	-4.1	-3.5	-3.3
	3H	-0.7	-0.2	-0.5	0.1	0.3	-0.9	-0.3	-0.6	-0.1	0.1
	4H	1.1	1.6	1.4	1.9	2.1	1.2	1.7	1.5	2.0	2.2
	6H	3.2	3.7	3.5	4.0	4.3	3.5	4.0	3.8	4.3	4.6
	8H	4.5	5.0	4.9	5.3	5.6	4.7	5.2	5.0	5.4	5.7
4H	2H	-3.4	-2.8	-3.1	-2.6	-2.3	-3.3	-2.7	-3.0	-2.5	-2.2
	3H	0.5	0.9	0.8	1.2	1.5	0.5	1.0	0.9	1.3	1.6
	4H	2.5	2.9	2.9	3.2	3.6	2.7	3.1	3.1	3.4	3.8
	6H	4.8	5.2	5.2	5.5	5.9	5.2	5.5	5.6	5.9	6.2
	8H	6.3	6.6	6.7	6.9	7.3	6.4	6.7	6.8	7.1	7.5
8H	2H	7.7	8.0	8.2	8.4	8.8	7.9	8.1	8.3	8.5	9.0
	4H	3.5	3.8	3.9	4.2	4.6	3.6	3.9	4.1	4.3	4.7
	6H	6.1	6.3	6.5	6.7	7.1	6.3	6.5	6.7	6.9	7.4
	8H	7.6	7.8	8.1	8.2	8.7	7.7	7.9	8.2	8.3	8.8
	12H	9.3	9.4	9.7	9.9	10.4	9.4	9.5	9.9	10.0	10.5
12H	4H	3.8	4.0	4.2	4.4	4.8	3.9	4.1	4.3	4.5	5.0
	6H	6.4	6.6	6.9	7.0	7.5	6.6	6.8	7.1	7.2	7.7
	8H	8.1	8.2	8.5	8.7	9.2	8.2	8.3	8.6	8.8	9.3
Variation of the observer position for the luminaire distances S											
S = 1.0H	+0.4 / -0.2					+0.4 / -0.2					
S = 1.5H	+0.9 / -0.5					+0.9 / -0.4					
S = 2.0H	+1.6 / -0.6					+1.6 / -0.6					
Standard table Correction	---					---					
Summand	---					---					
Corrected Glare Indices referring to 210lm Total Luminous Flux											