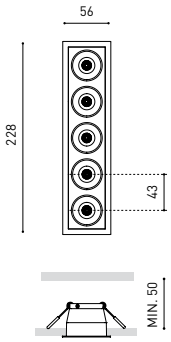
BLACK FOSTER

ARKOSLIGHT®

DIMENSIONS



	PRODUCT
Name	BLACK FOSTER REC 5 DIM 1/10V 3000K N
Reference	A3194031N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

	LIGHTING INFORMATION
Light source	LED
Gross luminous flux	1050 Lm
Power	10,5 W
Power values of the system	11,93 W
Colour temperature	3000 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	100 Lm/W
Current intensity	700 mA
Dimming	1-10V
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 × 222 mm.
Weight	460 g.
Packaged weight	585 g.
Packaging dimensions	253 × 98 × 50 mm.
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

CE

AWARDS

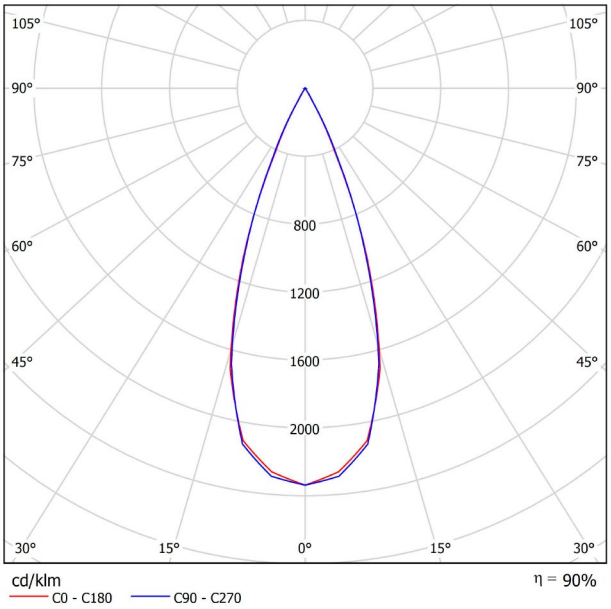
iF DESIGN AWARD 2019

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.

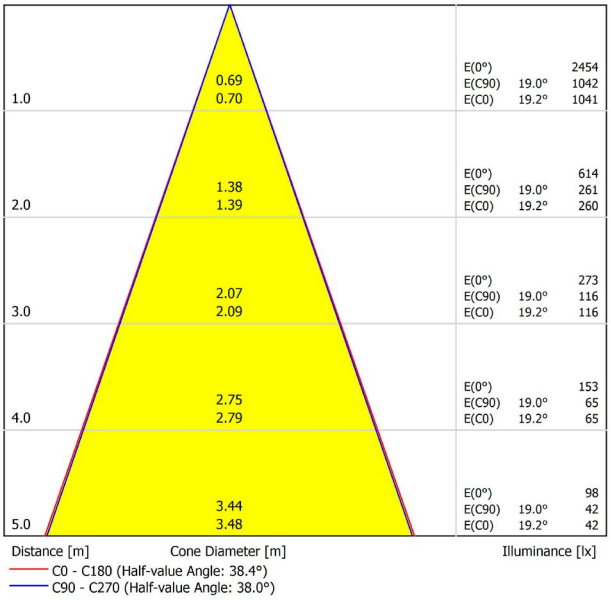
Calle N · Pol. Ind. EL OLIVERAL
46394 Ribarroja del Turia · Valencia (Spain)
Tel. +34 961 667 207 · Fax +34 961 667 054
info@arkoslight.com · www.arkoslight.com

5 Year GUARANTEE*

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	-13.5	-12.9	-13.3	-12.7	-12.5	-14.3	-13.7	-14.1	-13.5	-13.3
	3H	-7.2	-6.6	-6.9	-6.4	-6.2	-7.1	-6.5	-6.8	-6.3	-6.0
	4H	-3.7	-3.1	-3.4	-2.9	-2.6	-3.1	-2.6	-2.8	-2.3	-2.1
	6H	-0.1	0.4	0.3	0.7	1.0	0.3	0.8	0.6	1.1	1.4
	8H	1.8	2.3	2.1	2.6	2.9	2.1	2.6	2.5	2.9	3.2
	12H	3.8	4.2	4.1	4.5	4.9	4.2	4.6	4.5	4.9	5.2
4H	2H	-11.0	-10.4	-10.7	-10.2	-9.9	-11.3	-10.8	-11.0	-10.5	-10.2
	3H	-5.0	-4.5	-4.6	-4.2	-3.9	-4.8	-4.3	-4.4	-4.0	-3.7
	4H	-1.5	-1.2	-1.2	-0.8	-0.5	-1.1	-0.7	-0.7	-0.4	-0.0
	6H	2.0	2.3	2.4	2.7	3.1	2.3	2.6	2.7	3.0	3.4
	8H	3.9	4.2	4.3	4.5	4.9	4.2	4.4	4.6	4.8	5.2
	12H	5.9	6.2	6.3	6.6	7.0	6.2	6.5	6.7	6.9	7.3
8H	4H	-0.0	0.3	0.4	0.7	1.1	0.3	0.6	0.7	1.0	1.4
	6H	3.6	3.8	4.1	4.3	4.7	3.8	4.1	4.3	4.5	4.9
	8H	5.6	5.8	6.1	6.2	6.7	5.8	6.0	6.3	6.4	6.9
	12H	7.8	7.9	8.3	8.4	8.9	8.0	8.2	8.5	8.6	9.1
12H	4H	0.5	0.8	0.9	1.2	1.6	0.8	1.0	1.2	1.4	1.8
	6H	4.2	4.4	4.7	4.8	5.3	4.4	4.6	4.9	5.0	5.5
	8H	6.3	6.4	6.8	6.9	7.4	6.5	6.6	7.0	7.1	7.6

Variation of the observer position for the luminaire distances S

S = 1.0H	+0.9 / -0.3	+1.3 / -0.4
S = 1.5H	+1.9 / -0.6	+2.7 / -0.7
S = 2.0H	+3.1 / -0.8	+4.2 / -1.0
Standard table	---	---
Correction Summand	---	---

Corrected Glare Indices referring to 1050lm Total Luminous Flux