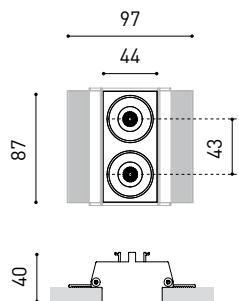




DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 2 38° 2700K N
Reference	A3182010N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

PRODUCT

Light source	LED
Gross luminous flux	380 Lm
Power	4,2 W
Power values of the system	4,67 W
Colour temperature	2700 K
Colour Rendering Index	CRI>90
Chromatic stability	MacAdam Step 3
Light beam angle	38°
Lighting efficiency	90%
Efficacy	90 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

LIGHTING INFORMATION

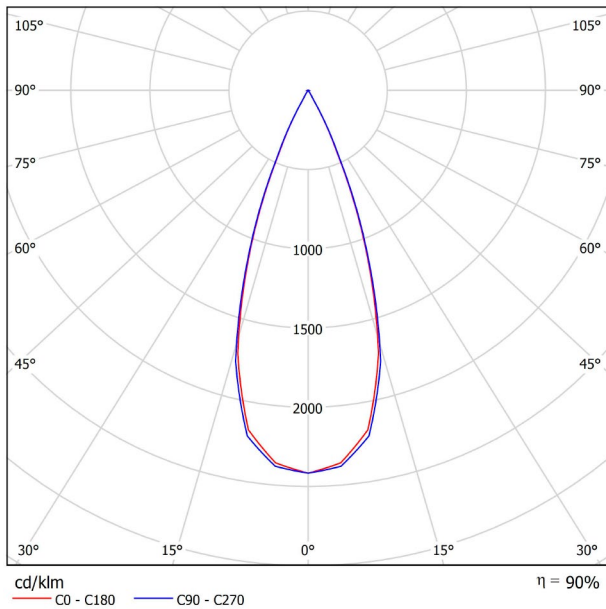
Ingress Protection	IP20
Recess measurements	50 × 93 mm.
Weight	180 g.
Packaged weight	275 g.
Packaging dimensions	212 × 155 × 73 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

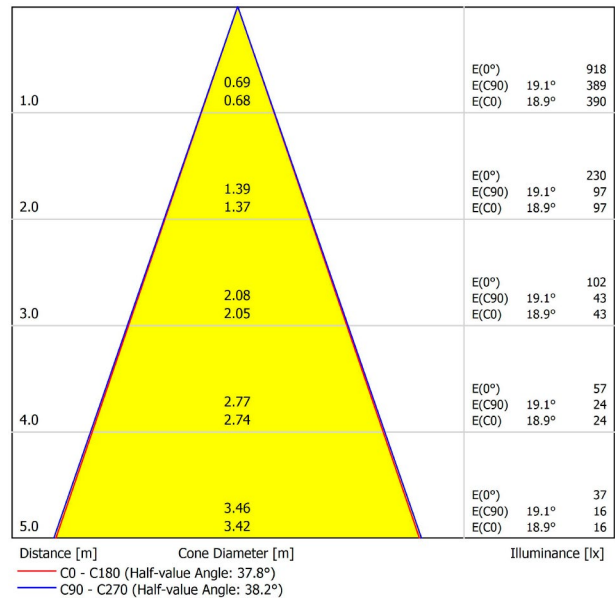


Black Foster is the product that transfers the claimed effect "The Invisible Black" to a recessed-isolated lineal luminary; also available in trimless version. If we take a closer view to the recessed model, its bezel is so thin than when lighted up, it is unperceived; offering an aesthetic of "visual 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

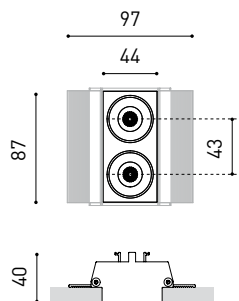


UGR

Glare Evaluation According to UGR												
ρ Ceiling		70	70	50	50	30	70	70	50	50	30	
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	-10.8	-10.2	-10.6	-10.0	-9.8	-10.5	-9.8	-10.2	-9.6	-9.4	
	3H	-5.8	-5.2	-5.5	-5.0	-4.8	-5.5	-5.0	-5.3	-4.7	-4.5	
	4H	-2.9	-2.4	-2.6	-2.1	-1.9	-2.5	-1.9	-2.2	-1.7	-1.4	
	6H	0.6	1.1	0.9	1.4	1.6	0.8	1.3	1.1	1.6	1.9	
	8H	2.4	2.9	2.8	3.2	3.5	2.6	3.1	2.9	3.4	3.7	
4H	12H	4.4	4.9	4.8	5.2	5.5	4.6	5.0	4.9	5.3	5.6	
	2H	-9.2	-8.7	-8.9	-8.4	-8.2	-9.0	-8.4	-8.7	-8.2	-7.9	
	3H	-4.0	-3.6	-3.7	-3.3	-2.9	-3.8	-3.4	-3.5	-3.1	-2.8	
	4H	-1.0	-0.6	-0.6	-0.3	0.1	-0.7	-0.3	-0.3	0.1	0.4	
	6H	2.5	2.8	2.9	3.2	3.6	2.7	3.0	3.1	3.4	3.8	
8H	8H	4.4	4.7	4.8	5.1	5.5	4.5	4.8	4.9	5.2	5.6	
	12H	6.5	6.7	6.9	7.1	7.5	6.6	6.8	7.0	7.2	7.6	
	4H	0.3	0.6	0.8	1.0	1.4	0.6	0.9	1.0	1.3	1.7	
	6H	4.0	4.2	4.4	4.6	5.1	4.1	4.3	4.6	4.7	5.2	
	8H	6.0	6.2	6.5	6.6	7.1	6.1	6.2	6.5	6.7	7.2	
12H	12H	8.2	8.3	8.7	8.8	9.3	8.3	8.4	8.8	8.9	9.4	
	4H	0.8	1.1	1.3	1.5	1.9	1.0	1.3	1.5	1.7	2.1	
	6H	4.5	4.7	5.0	5.1	5.6	4.6	4.8	5.1	5.2	5.7	
	8H	6.6	6.8	7.1	7.2	7.7	6.7	6.8	7.2	7.3	7.8	
	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 380lm Total Luminous Flux												



DIMENSIONS



AWARDS



PRODUCT

Name	BLACK FOSTER TRI 2 38° 3000K N
Reference	A3182011N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

LIGHTING INFORMATION

Light source	LED
Gross luminous flux	420 Lm
Power	4,2 W
Power values of the system	4,67 W
Colour temperature	3000 K
Colour Rendering Index	CRI>90
Chromatic stability	MacAdam Step 3
Light beam angle	38°
Lighting efficiency	90%
Efficacy	100 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

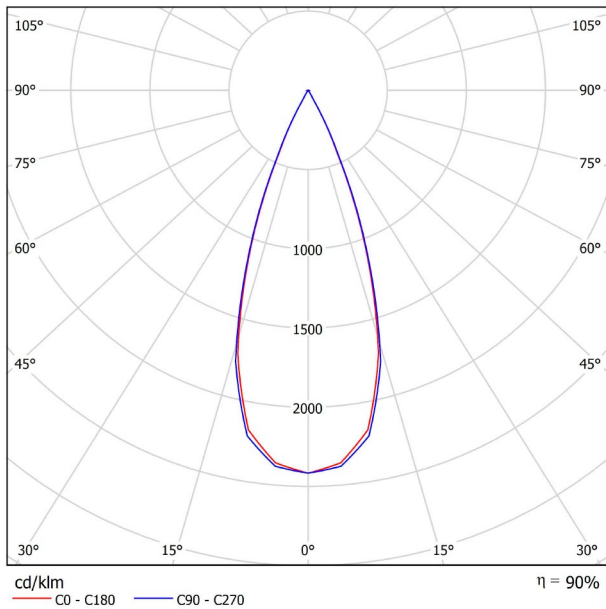
OTHER DATA

Ingress Protection	IP20
Recess measurements	50 × 93 mm.
Weight	180 g.
Packaged weight	275 g.
Packaging dimensions	212 × 155 × 73 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

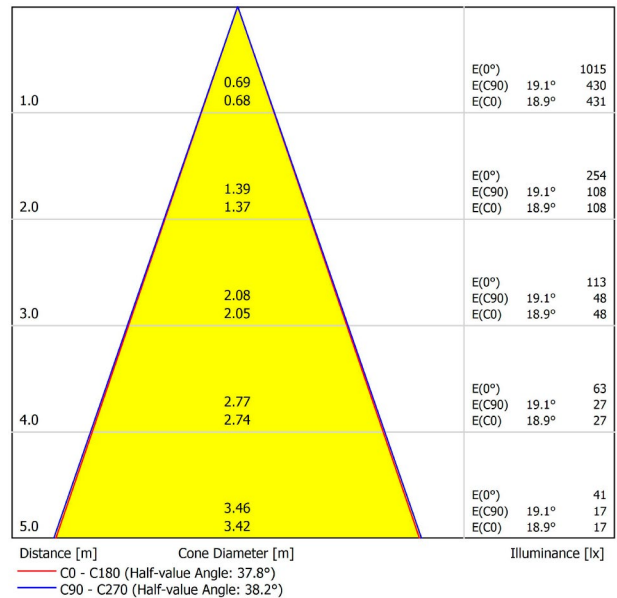


Black Foster is the product that transfers the claimed effect "The Invisible Black" to a recessed-isolated lineal luminary; also available in trimless version. If we take a closer view to the recessed model, its bezel is so thin than when lighted up, it is unperceived; offering an aesthetic of "visual 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

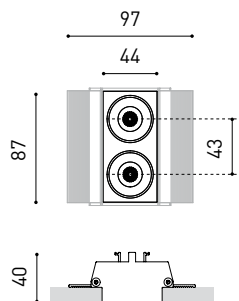


UGR

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	-10.5	-9.9	-10.3	-9.7	-9.5	-10.1	-9.5	-9.9	-9.3	-9.1	
	3H	-5.5	-4.9	-5.2	-4.7	-4.4	-5.2	-4.6	-4.9	-4.4	-4.2	
	4H	-2.6	-2.0	-2.3	-1.8	-1.5	-2.1	-1.6	-1.8	-1.3	-1.1	
	6H	0.9	1.4	1.2	1.7	2.0	1.2	1.7	1.5	2.0	2.2	
	8H	2.8	3.3	3.1	3.6	3.8	2.9	3.4	3.3	3.7	4.0	
4H	12H	4.8	5.2	5.1	5.5	5.9	4.9	5.4	5.2	5.7	6.0	
	2H	-8.9	-8.3	-8.6	-8.1	-7.8	-8.6	-8.1	-8.3	-7.8	-7.6	
	3H	-3.7	-3.2	-3.3	-2.9	-2.6	-3.5	-3.0	-3.1	-2.7	-2.4	
	4H	-0.7	-0.3	-0.3	0.1	0.4	-0.3	0.1	0.1	0.4	0.8	
	6H	2.9	3.2	3.3	3.5	3.9	3.0	3.4	3.4	3.7	4.1	
8H	8H	4.8	5.0	5.2	5.4	5.8	4.9	5.2	5.3	5.5	5.9	
	12H	6.8	7.1	7.3	7.5	7.9	6.9	7.2	7.4	7.6	8.0	
	4H	0.7	1.0	1.1	1.4	1.8	0.9	1.2	1.3	1.6	2.0	
	6H	4.3	4.5	4.8	5.0	5.4	4.5	4.7	4.9	5.1	5.5	
	8H	6.3	6.5	6.8	7.0	7.4	6.4	6.6	6.9	7.0	7.5	
12H	12H	8.6	8.7	9.0	9.2	9.7	8.6	8.8	9.1	9.2	9.7	
	4H	1.2	1.4	1.6	1.8	2.2	1.4	1.6	1.8	2.0	2.4	
	6H	4.9	5.0	5.3	5.5	6.0	5.0	5.1	5.4	5.6	6.1	
	8H	7.0	7.1	7.5	7.6	8.1	7.0	7.2	7.5	7.6	8.1	
	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 420lm Total Luminous Flux												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 2 38° 4000K N
Reference	A3182012N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

PRODUCT

BLACK FOSTER TRI 2 38° 4000K N

A3182012N

Matt black

9005

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	MacAdam Step 3
Light beam angle	38°
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

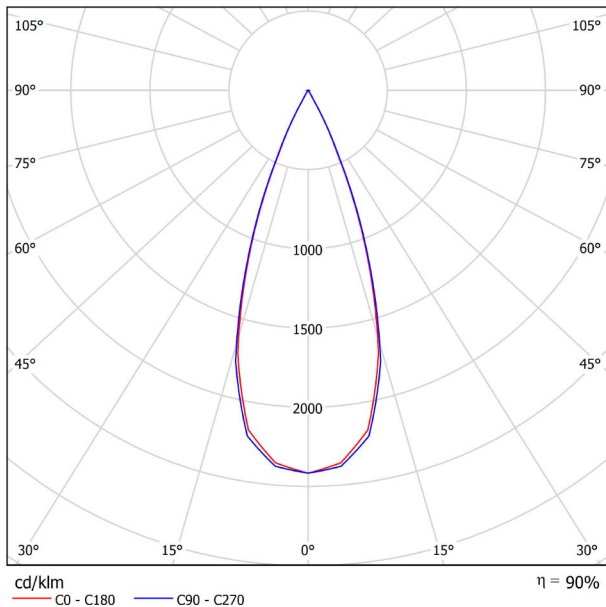
OTHER DATA

Ingress Protection	IP20
Recess measurements	50 × 93 mm.
Weight	180 g.
Packaged weight	275 g.
Packaging dimensions	212 × 155 × 73 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

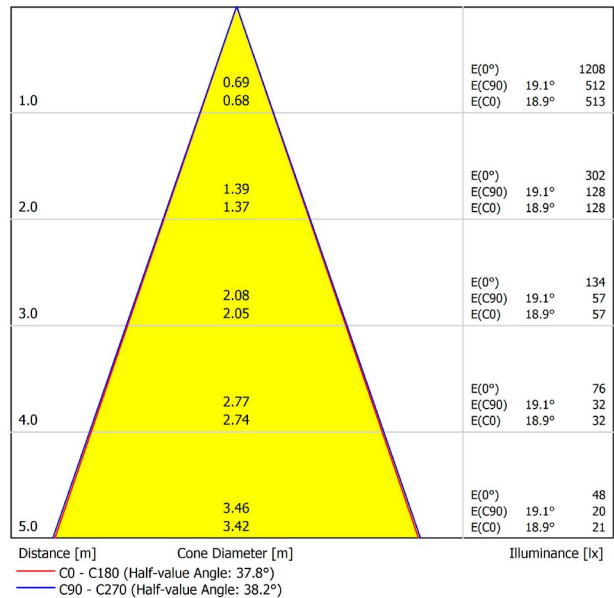


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POLAR DIAGRAM



CONICAL DIAGRAM

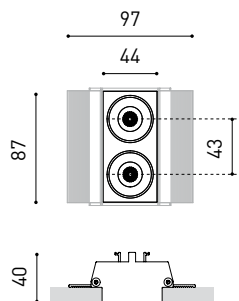


UGR

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	-9.9	-9.3	-9.6	-9.1	-8.9	-9.5	-8.9	-9.3	-8.7	-8.5	
	3H	-4.9	-4.3	-4.6	-4.1	-3.8	-4.6	-4.0	-4.3	-3.8	-3.5	
	4H	-2.0	-1.4	-1.7	-1.2	-0.9	-1.5	-1.0	-1.2	-0.7	-0.5	
	6H	1.5	2.0	1.8	2.3	2.6	1.8	2.3	2.1	2.6	2.8	
	8H	3.4	3.9	3.7	4.2	4.5	3.5	4.0	3.9	4.3	4.6	
4H	12H	5.4	5.8	5.7	6.1	6.5	5.5	6.0	5.9	6.3	6.6	
	2H	-8.3	-7.7	-8.0	-7.5	-7.2	-8.0	-7.5	-7.7	-7.2	-7.0	
	3H	-3.1	-2.6	-2.7	-2.3	-2.0	-2.9	-2.4	-2.5	-2.1	-1.8	
	4H	-0.1	0.3	0.3	0.7	1.0	0.3	0.7	0.7	1.0	1.4	
	6H	3.5	3.8	3.9	4.2	4.5	3.6	4.0	4.0	4.3	4.7	
8H	8H	5.4	5.6	5.8	6.0	6.4	5.5	5.8	5.9	6.1	6.5	
	12H	7.4	7.7	7.9	8.1	8.5	7.5	7.8	8.0	8.2	8.6	
	4H	1.3	1.6	1.7	2.0	2.4	1.5	1.8	1.9	2.2	2.6	
	6H	4.9	5.2	5.4	5.6	6.0	5.1	5.3	5.5	5.7	6.1	
	8H	6.9	7.1	7.4	7.6	8.0	7.0	7.2	7.5	7.6	8.1	
12H	12H	9.2	9.3	9.6	9.8	10.3	9.2	9.4	9.7	9.8	10.3	
	4H	1.8	2.0	2.2	2.4	2.8	2.0	2.2	2.4	2.6	3.0	
	6H	5.5	5.6	5.9	6.1	6.6	5.6	5.8	6.0	6.2	6.7	
	8H	7.6	7.7	8.1	8.2	8.7	7.6	7.8	8.1	8.2	8.7	
	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												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 2 38° DIM PUSH 2700K N
Reference	A3182020N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

PRODUCT

Light source	LED
Gross luminous flux	380 Lm
Power	4,2 W
Power values of the system	4,77 W
Colour temperature	2700 K
Colour Rendering Index	CRI>90
Chromatic stability	MacAdam Step 3
Light beam angle	38°
Lighting efficiency	90%
Efficacy	90 Lm/W
Current intensity	700 mA
Dimming	Push
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

LIGHTING INFORMATION

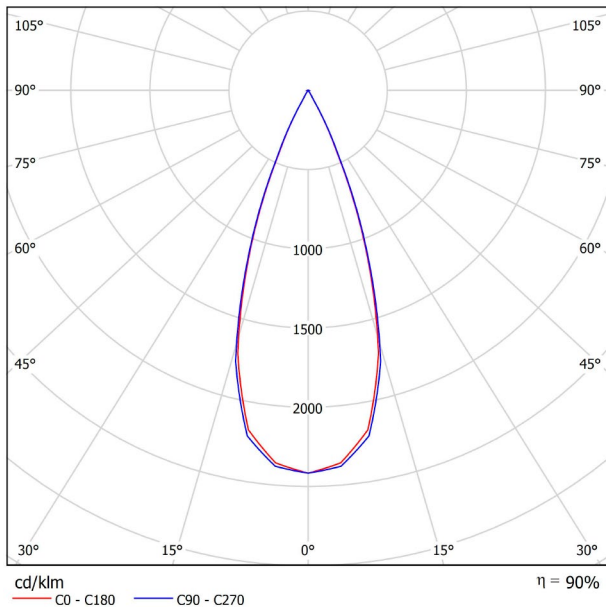
Ingress Protection	IP20
Recess measurements	50 × 93 mm.
Weight	255 g.
Packaged weight	350 g.
Packaging dimensions	212 × 155 × 73 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

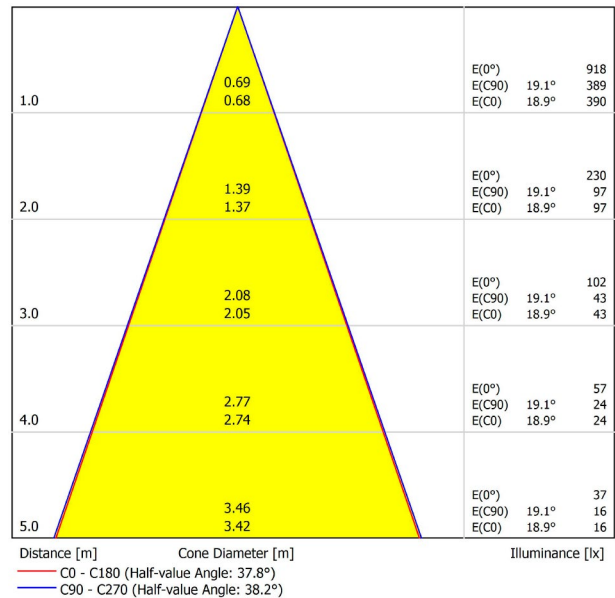


Black Foster is the product that transfers the claimed effect "The Invisible Black" to a recessed-isolated lineal luminary; also available in trimless version. If we take a closer view to the recessed model, its bezel is so thin than when lighted up, it is unperceived; offering an aesthetic of "visual 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

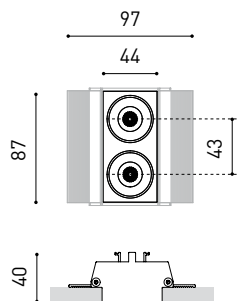


UGR

Glare Evaluation According to UGR												
ρ Ceiling		70	70	50	50	30	70	70	50	50	30	
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	-10.8	-10.2	-10.6	-10.0	-9.8	-10.5	-9.8	-10.2	-9.6	-9.4	
	3H	-5.8	-5.2	-5.5	-5.0	-4.8	-5.5	-5.0	-5.3	-4.7	-4.5	
	4H	-2.9	-2.4	-2.6	-2.1	-1.9	-2.5	-1.9	-2.2	-1.7	-1.4	
	6H	0.6	1.1	0.9	1.4	1.6	0.8	1.3	1.1	1.6	1.9	
	8H	2.4	2.9	2.8	3.2	3.5	2.6	3.1	2.9	3.4	3.7	
4H	12H	4.4	4.9	4.8	5.2	5.5	4.6	5.0	4.9	5.3	5.6	
	2H	-9.2	-8.7	-8.9	-8.4	-8.2	-9.0	-8.4	-8.7	-8.2	-7.9	
	3H	-4.0	-3.6	-3.7	-3.3	-2.9	-3.8	-3.4	-3.5	-3.1	-2.8	
	4H	-1.0	-0.6	-0.6	-0.3	0.1	-0.7	-0.3	-0.3	0.1	0.4	
	6H	2.5	2.8	2.9	3.2	3.6	2.7	3.0	3.1	3.4	3.8	
8H	8H	4.4	4.7	4.8	5.1	5.5	4.5	4.8	4.9	5.2	5.6	
	12H	6.5	6.7	6.9	7.1	7.5	6.6	6.8	7.0	7.2	7.6	
	4H	0.3	0.6	0.8	1.0	1.4	0.6	0.9	1.0	1.3	1.7	
	6H	4.0	4.2	4.4	4.6	5.1	4.1	4.3	4.6	4.7	5.2	
	8H	6.0	6.2	6.5	6.6	7.1	6.1	6.2	6.5	6.7	7.2	
12H	12H	8.2	8.3	8.7	8.8	9.3	8.3	8.4	8.8	8.9	9.4	
	4H	0.8	1.1	1.3	1.5	1.9	1.0	1.3	1.5	1.7	2.1	
	6H	4.5	4.7	5.0	5.1	5.6	4.6	4.8	5.1	5.2	5.7	
	8H	6.6	6.8	7.1	7.2	7.7	6.7	6.8	7.2	7.3	7.8	
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 380lm Total Luminous Flux												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 2 38° DIM PUSH 3000K N
Reference	A3182021N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

PRODUCT

Light source	LED
Gross luminous flux	420 Lm
Power	4,2 W
Power values of the system	4,77 W
Colour temperature	3000 K
Colour Rendering Index	CRI>90
Chromatic stability	MacAdam Step 3
Light beam angle	38°
Lighting efficiency	90%
Efficacy	100 Lm/W
Current intensity	700 mA
Dimming	Push
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

LIGHTING INFORMATION

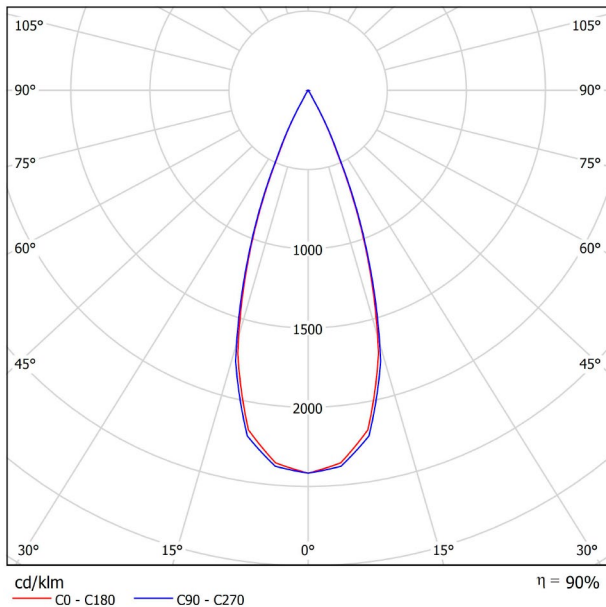
Ingress Protection	IP20
Recess measurements	50 × 93 mm.
Weight	255 g.
Packaged weight	350 g.
Packaging dimensions	212 × 155 × 73 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

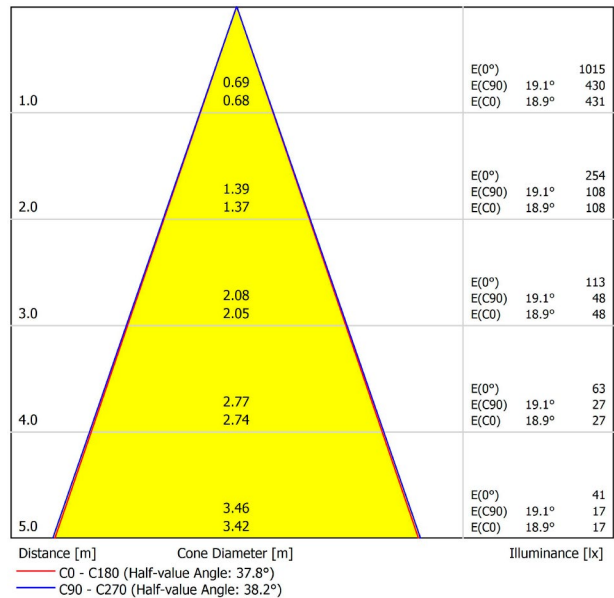


Black Foster is the product that transfers the claimed effect "The Invisible Black" to a recessed-isolated lineal luminary; also available in trimless version. If we take a closer view to the recessed model, its bezel is so thin than when lighted up, it is unperceived; offering an aesthetic of "visual 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

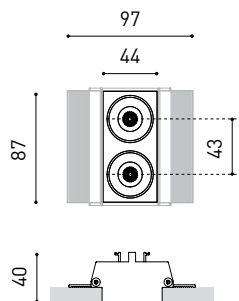


UGR

Glare Evaluation According to UGR													
p Ceiling		70	70	50	50	30	70	70	50	50	30	30	
p Walls		50	30	50	30	30	50	30	50	30	30	30	
p 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	-10.5	-9.9	-10.3	-9.7	-9.5	-10.1	-9.5	-9.9	-9.3	-9.1		
	3H	-5.5	-4.9	-5.2	-4.7	-4.4	-5.2	-4.6	-4.9	-4.4	-4.2		
	4H	-2.6	-2.0	-2.3	-1.8	-1.5	-2.1	-1.6	-1.8	-1.3	-1.1		
	6H	0.9	1.4	1.2	1.7	2.0	1.2	1.7	1.5	2.0	2.2		
	8H	2.8	3.3	3.1	3.6	3.8	2.9	3.4	3.3	3.7	4.0		
4H	12H	4.8	5.2	5.1	5.5	5.9	4.9	5.4	5.2	5.7	6.0		
	2H	-8.9	-8.3	-8.6	-8.1	-7.8	-8.6	-8.1	-8.3	-7.8	-7.6		
	3H	-3.7	-3.2	-3.3	-2.9	-2.6	-3.5	-3.0	-3.1	-2.7	-2.4		
	4H	-0.7	-0.3	-0.3	0.1	0.4	-0.3	0.1	0.1	0.4	0.8		
	6H	2.9	3.2	3.3	3.5	3.9	3.0	3.4	3.4	3.7	4.1		
8H	8H	4.8	5.0	5.2	5.4	5.8	4.9	5.2	5.3	5.5	5.9		
	12H	6.8	7.1	7.3	7.5	7.9	6.9	7.2	7.4	7.6	8.0		
	4H	0.7	1.0	1.1	1.4	1.8	0.9	1.2	1.3	1.6	2.0		
	6H	4.3	4.5	4.8	5.0	5.4	4.5	4.7	4.9	5.1	5.5		
	8H	6.3	6.5	6.8	7.0	7.4	6.4	6.6	6.9	7.0	7.5		
12H	12H	8.6	8.7	9.0	9.2	9.7	8.6	8.8	9.1	9.2	9.7		
	4H	1.2	1.4	1.6	1.8	2.2	1.4	1.6	1.8	2.0	2.4		
	6H	4.9	5.0	5.3	5.5	6.0	5.0	5.1	5.4	5.6	6.1		
		8H	7.0	7.1	7.5	7.6	8.1	7.0	7.2	7.5	7.6	8.1	
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 420lm Total Luminous Flux													



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 2 38° DIM PUSH 4000K N
Reference	A3182022N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

PRODUCT

LIGHTING INFORMATION

Light source	LED
Gross luminous flux	500 Lm
Power	4,2 W
Power values of the system	4,77 W
Colour temperature	4000 K
Colour Rendering Index	CRI>90
Chromatic stability	MacAdam Step 3
Light beam angle	38°
Lighting efficiency	90%
Efficacy	119 Lm/W
Current intensity	700 mA
Dimming	Push
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

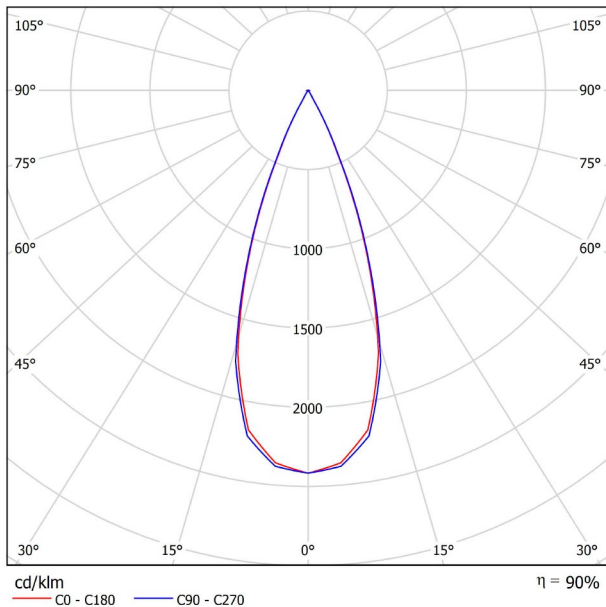
OTHER DATA

Ingress Protection	IP20
Recess measurements	50 × 93 mm.
Weight	255 g.
Packaged weight	350 g.
Packaging dimensions	212 × 155 × 73 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

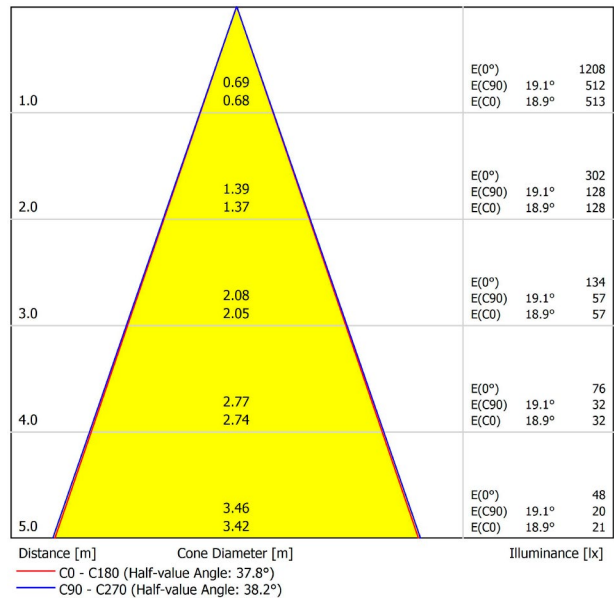


Black Foster is the product that transfers the claimed effect "The Invisible Black" to a recessed-isolated lineal luminary; also available in trimless version. If we take a closer view to the recessed model, its bezel is so thin than when lighted up, it is unperceived; offering an aesthetic of "visual 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

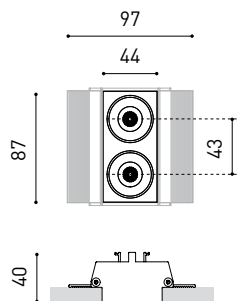


UGR

Glare Evaluation According to UGR												
p Ceiling		70	70	50	50	30	70	70	50	50	30	
p Walls		50	30	50	30	30	50	30	50	30	30	
p 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	-9.9	-9.3	-9.6	-9.1	-8.9	-9.5	-8.9	-9.3	-8.7	-8.5	
	3H	-4.9	-4.3	-4.6	-4.1	-3.8	-4.6	-4.0	-4.3	-3.8	-3.5	
	4H	-2.0	-1.4	-1.7	-1.2	-0.9	-1.5	-1.0	-1.2	-0.7	-0.5	
	6H	1.5	2.0	1.8	2.3	2.6	1.8	2.3	2.1	2.6	2.8	
	8H	3.4	3.9	3.7	4.2	4.5	3.5	4.0	3.9	4.3	4.6	
4H	12H	5.4	5.8	5.7	6.1	6.5	5.5	6.0	5.9	6.3	6.6	
	2H	-8.3	-7.7	-8.0	-7.5	-7.2	-8.0	-7.5	-7.7	-7.2	-7.0	
	3H	-3.1	-2.6	-2.7	-2.3	-2.0	-2.9	-2.4	-2.5	-2.1	-1.8	
	4H	-0.1	0.3	0.3	0.7	1.0	0.3	0.7	0.7	1.0	1.4	
	6H	3.5	3.8	3.9	4.2	4.5	3.6	4.0	4.0	4.3	4.7	
8H	8H	5.4	5.6	5.8	6.0	6.4	5.5	5.8	5.9	6.1	6.5	
	12H	7.4	7.7	7.9	8.1	8.5	7.5	7.8	8.0	8.2	8.6	
	4H	1.3	1.6	1.7	2.0	2.4	1.5	1.8	1.9	2.2	2.6	
	6H	4.9	5.2	5.4	5.6	6.0	5.1	5.3	5.5	5.7	6.1	
	8H	6.9	7.1	7.4	7.6	8.0	7.0	7.2	7.5	7.6	8.1	
12H	12H	9.2	9.3	9.6	9.8	10.3	9.2	9.4	9.7	9.8	10.3	
	4H	1.8	2.0	2.2	2.4	2.8	2.0	2.2	2.4	2.6	3.0	
	6H	5.5	5.6	5.9	6.1	6.6	5.6	5.8	6.0	6.2	6.7	
	8H	7.6	7.7	8.1	8.2	8.7	7.6	7.8	8.1	8.2	8.7	
	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												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 2 38° DIM 1/10V 2700K N
Reference	A3182030N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

PRODUCT

Light source	LED
Gross luminous flux	380 Lm
Power	4,2 W
Power values of the system	4,77 W
Colour temperature	2700 K
Colour Rendering Index	CRI>90
Chromatic stability	MacAdam Step 3
Light beam angle	38°
Lighting efficiency	90%
Efficacy	90 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

LIGHTING INFORMATION

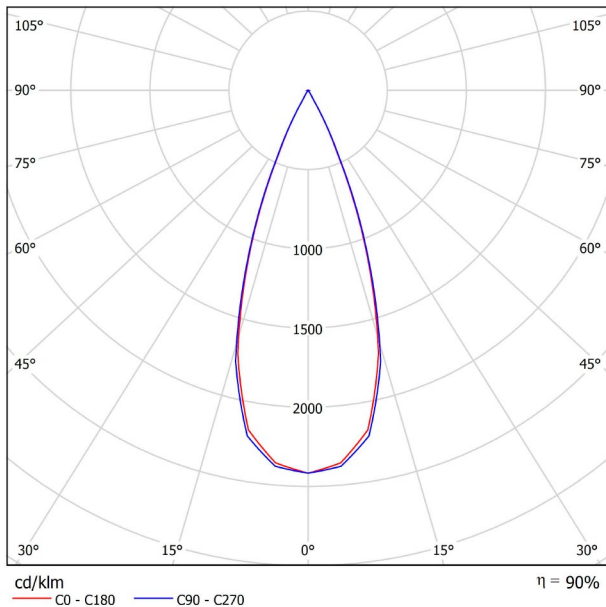
Ingress Protection	IP20
Recess measurements	50 × 93 mm.
Weight	255 g.
Packaged weight	350 g.
Packaging dimensions	212 × 155 × 73 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

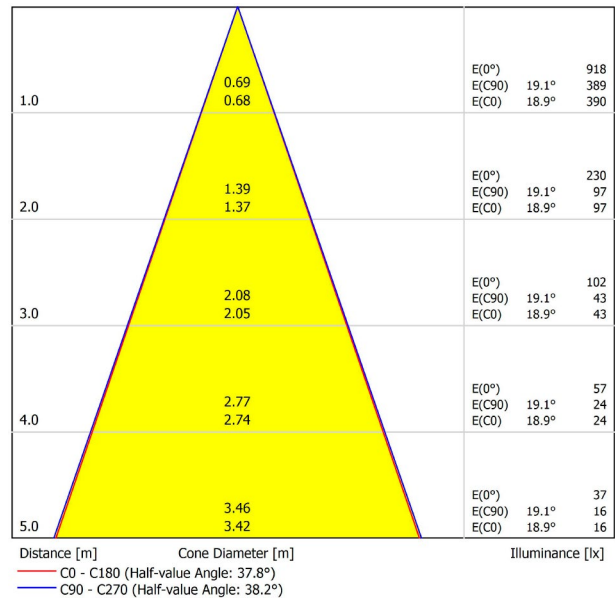


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POLAR DIAGRAM



CONICAL DIAGRAM

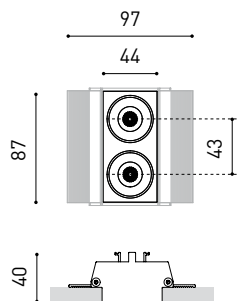


UGR

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	-10.8	-10.2	-10.6	-10.0	-9.8	-10.5	-9.8	-10.2	-9.6	-9.4	
	3H	-5.8	-5.2	-5.5	-5.0	-4.8	-5.5	-5.0	-5.3	-4.7	-4.5	
	4H	-2.9	-2.4	-2.6	-2.1	-1.9	-2.5	-1.9	-2.2	-1.7	-1.4	
	6H	0.6	1.1	0.9	1.4	1.6	0.8	1.3	1.1	1.6	1.9	
	8H	2.4	2.9	2.8	3.2	3.5	2.6	3.1	2.9	3.4	3.7	
4H	12H	4.4	4.9	4.8	5.2	5.5	4.6	5.0	4.9	5.3	5.6	
	2H	-9.2	-8.7	-8.9	-8.4	-8.2	-9.0	-8.4	-8.7	-8.2	-7.9	
	3H	-4.0	-3.6	-3.7	-3.3	-2.9	-3.8	-3.4	-3.5	-3.1	-2.8	
	4H	-1.0	-0.6	-0.6	-0.3	0.1	-0.7	-0.3	-0.3	0.1	0.4	
	6H	2.5	2.8	2.9	3.2	3.6	2.7	3.0	3.1	3.4	3.8	
8H	8H	4.4	4.7	4.8	5.1	5.5	4.5	4.8	4.9	5.2	5.6	
	12H	6.5	6.7	6.9	7.1	7.5	6.6	6.8	7.0	7.2	7.6	
	4H	0.3	0.6	0.8	1.0	1.4	0.6	0.9	1.0	1.3	1.7	
	6H	4.0	4.2	4.4	4.6	5.1	4.1	4.3	4.6	4.7	5.2	
	8H	6.0	6.2	6.5	6.6	7.1	6.1	6.2	6.5	6.7	7.2	
12H	12H	8.2	8.3	8.7	8.8	9.3	8.3	8.4	8.8	8.9	9.4	
	4H	0.8	1.1	1.3	1.5	1.9	1.0	1.3	1.5	1.7	2.1	
	6H	4.5	4.7	5.0	5.1	5.6	4.6	4.8	5.1	5.2	5.7	
	8H	6.6	6.8	7.1	7.2	7.7	6.7	6.8	7.2	7.3	7.8	
	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 380lm Total Luminous Flux												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 2 38° DIM 1/10V 3000K N
Reference	A3182031N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

PRODUCT

Light source	LED
Gross luminous flux	420 Lm
Power	4,2 W
Power values of the system	4,77 W
Colour temperature	3000 K
Colour Rendering Index	CRI>90
Chromatic stability	MacAdam Step 3
Light beam angle	38°
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

LIGHTING INFORMATION

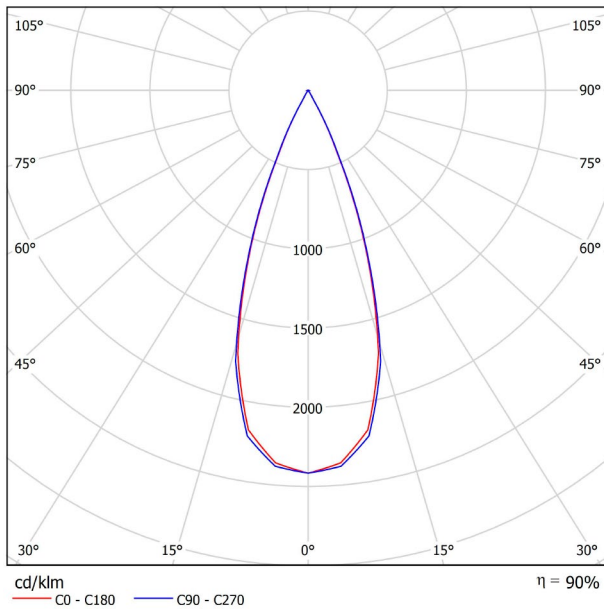
Ingress Protection	IP20
Recess measurements	50 × 93 mm.
Weight	255 g.
Packaged weight	350 g.
Packaging dimensions	212 × 155 × 73 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

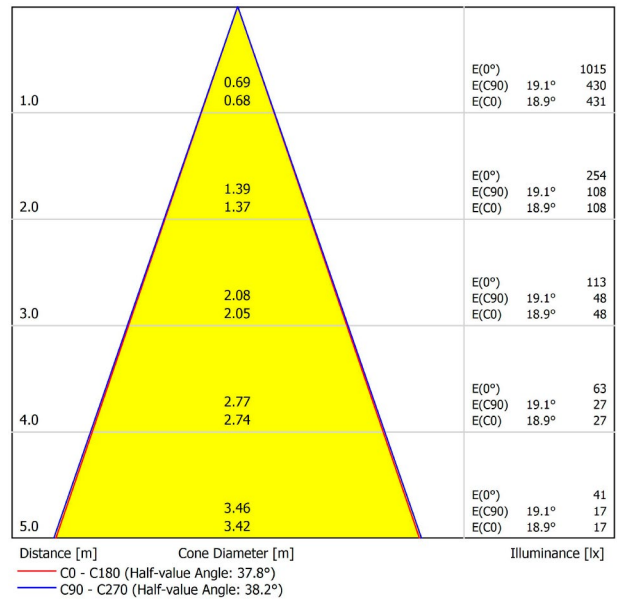


Black Foster is the product that transfers the claimed effect "The Invisible Black" to a recessed-isolated lineal luminary; also available in trimless version. If we take a closer view to the recessed model, its bezel is so thin than when lighted up, it is unperceived; offering an aesthetic of "visual 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

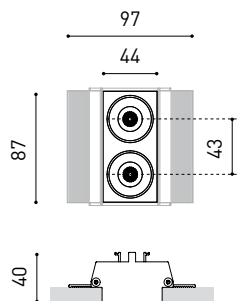


UGR

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	-10.5	-9.9	-10.3	-9.7	-9.5	-10.1	-9.5	-9.9	-9.3	-9.1	
	3H	-5.5	-4.9	-5.2	-4.7	-4.4	-5.2	-4.6	-4.9	-4.4	-4.2	
	4H	-2.6	-2.0	-2.3	-1.8	-1.5	-2.1	-1.6	-1.8	-1.3	-1.1	
	6H	0.9	1.4	1.2	1.7	2.0	1.2	1.7	1.5	2.0	2.2	
	8H	2.8	3.3	3.1	3.6	3.8	2.9	3.4	3.3	3.7	4.0	
4H	12H	4.8	5.2	5.1	5.5	5.9	4.9	5.4	5.2	5.7	6.0	
	2H	-8.9	-8.3	-8.6	-8.1	-7.8	-8.6	-8.1	-8.3	-7.8	-7.6	
	3H	-3.7	-3.2	-3.3	-2.9	-2.6	-3.5	-3.0	-3.1	-2.7	-2.4	
	4H	-0.7	-0.3	-0.3	0.1	0.4	-0.3	0.1	0.1	0.4	0.8	
	6H	2.9	3.2	3.3	3.5	3.9	3.0	3.4	3.4	3.7	4.1	
8H	8H	4.8	5.0	5.2	5.4	5.8	4.9	5.2	5.3	5.5	5.9	
	12H	6.8	7.1	7.3	7.5	7.9	6.9	7.2	7.4	7.6	8.0	
	4H	0.7	1.0	1.1	1.4	1.8	0.9	1.2	1.3	1.6	2.0	
	6H	4.3	4.5	4.8	5.0	5.4	4.5	4.7	4.9	5.1	5.5	
	8H	6.3	6.5	6.8	7.0	7.4	6.4	6.6	6.9	7.0	7.5	
12H	12H	8.6	8.7	9.0	9.2	9.7	8.6	8.8	9.1	9.2	9.7	
	4H	1.2	1.4	1.6	1.8	2.2	1.4	1.6	1.8	2.0	2.4	
	6H	4.9	5.0	5.3	5.5	6.0	5.0	5.1	5.4	5.6	6.1	
	8H	7.0	7.1	7.5	7.6	8.1	7.0	7.2	7.5	7.6	8.1	
	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 420lm Total Luminous Flux												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 2 38° DIM 1/10V 4000K N
Reference	A3182032N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

PRODUCT

Light source	LED
Gross luminous flux	500 Lm
Power	4,2 W
Power values of the system	4,77 W
Colour temperature	4000 K
Colour Rendering Index	CRI>90
Chromatic stability	MacAdam Step 3
Light beam angle	38°
Lighting efficiency	90%
Efficacy	119 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

LIGHTING INFORMATION

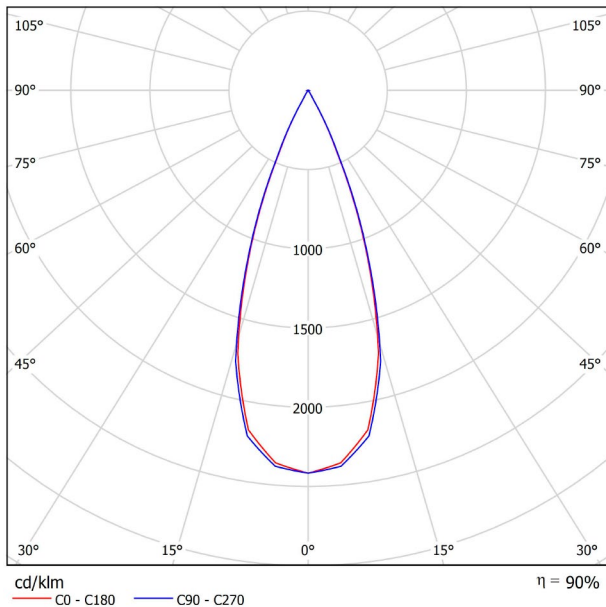
Ingress Protection	IP20
Recess measurements	50 × 93 mm.
Weight	255 g.
Packaged weight	350 g.
Packaging dimensions	212 × 155 × 73 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

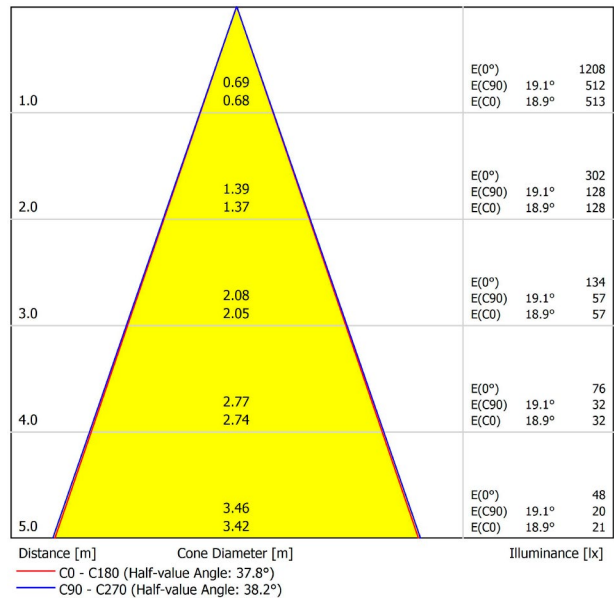


Black Foster is the product that transfers the claimed effect "The Invisible Black" to a recessed-isolated lineal luminary; also available in trimless version. If we take a closer view to the recessed model, its bezel is so thin than when lighted up, it is unperceived; offering an aesthetic of "visual 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

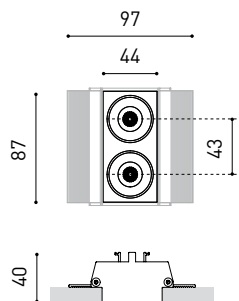


UGR

Glare Evaluation According to UGR												
p Ceiling		70	70	50	50	30	70	70	50	50	30	
p Walls		50	30	50	30	30	50	30	50	30	30	
p 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	-9.9	-9.3	-9.6	-9.1	-8.9	-9.5	-8.9	-9.3	-8.7	-8.5	
	3H	-4.9	-4.3	-4.6	-4.1	-3.8	-4.6	-4.0	-4.3	-3.8	-3.5	
	4H	-2.0	-1.4	-1.7	-1.2	-0.9	-1.5	-1.0	-1.2	-0.7	-0.5	
	6H	1.5	2.0	1.8	2.3	2.6	1.8	2.3	2.1	2.6	2.8	
	8H	3.4	3.9	3.7	4.2	4.5	3.5	4.0	3.9	4.3	4.6	
4H	12H	5.4	5.8	5.7	6.1	6.5	5.5	6.0	5.9	6.3	6.6	
	2H	-8.3	-7.7	-8.0	-7.5	-7.2	-8.0	-7.5	-7.7	-7.2	-7.0	
	3H	-3.1	-2.6	-2.7	-2.3	-2.0	-2.9	-2.4	-2.5	-2.1	-1.8	
	4H	-0.1	0.3	0.3	0.7	1.0	0.3	0.7	0.7	1.0	1.4	
	6H	3.5	3.8	3.9	4.2	4.5	3.6	4.0	4.0	4.3	4.7	
8H	8H	5.4	5.6	5.8	6.0	6.4	5.5	5.8	5.9	6.1	6.5	
	12H	7.4	7.7	7.9	8.1	8.5	7.5	7.8	8.0	8.2	8.6	
	4H	1.3	1.6	1.7	2.0	2.4	1.5	1.8	1.9	2.2	2.6	
	6H	4.9	5.2	5.4	5.6	6.0	5.1	5.3	5.5	5.7	6.1	
	8H	6.9	7.1	7.4	7.6	8.0	7.0	7.2	7.5	7.6	8.1	
12H	12H	9.2	9.3	9.6	9.8	10.3	9.2	9.4	9.7	9.8	10.3	
	4H	1.8	2.0	2.2	2.4	2.8	2.0	2.2	2.4	2.6	3.0	
	6H	5.5	5.6	5.9	6.1	6.6	5.6	5.8	6.0	6.2	6.7	
	8H	7.6	7.7	8.1	8.2	8.7	7.6	7.8	8.1	8.2	8.7	
	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												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 2 38° DIM DALI 2700K N
Reference	A3182040N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

PRODUCT

Light source	LED
Gross luminous flux	380 Lm
Power	4,2 W
Power values of the system	4,83 W
Colour temperature	2700 K
Colour Rendering Index	CRI>90
Chromatic stability	MacAdam Step 3
Light beam angle	38°
Lighting efficiency	90%
Efficacy	90 Lm/W
Current intensity	700 mA
Dimming	DALI
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

LIGHTING INFORMATION

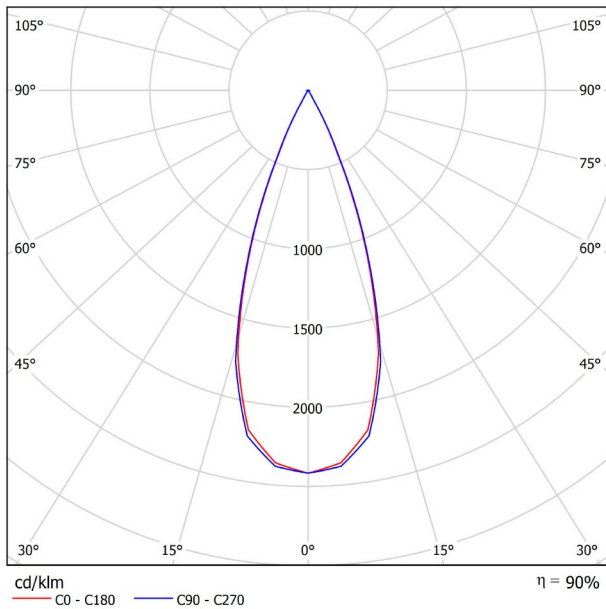
Ingress Protection	IP20
Recess measurements	50 × 93 mm.
Weight	255 g.
Packaged weight	350 g.
Packaging dimensions	212 × 155 × 73 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

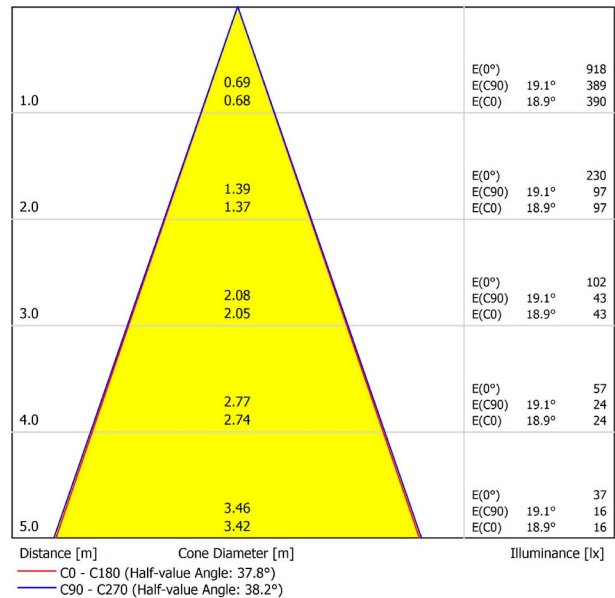


Black Foster is the product that transfers the claimed effect "The Invisible Black" to a recessed-isolated lineal luminary; also available in trimless version. If we take a closer view to the recessed model, its bezel is so thin than when lighted up, it is unperceived; offering an aesthetic of "visual 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

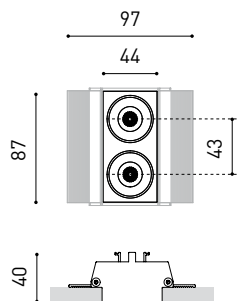


UGR

Glare Evaluation According to UGR												
ρ Ceiling		70	70	50	50	30	70	70	50	50	30	
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	-10.8	-10.2	-10.6	-10.0	-9.8	-10.5	-9.8	-10.2	-9.6	-9.4	
	3H	-5.8	-5.2	-5.5	-5.0	-4.8	-5.5	-5.0	-5.3	-4.7	-4.5	
	4H	-2.9	-2.4	-2.6	-2.1	-1.9	-2.5	-1.9	-2.2	-1.7	-1.4	
	6H	0.6	1.1	0.9	1.4	1.6	0.8	1.3	1.1	1.6	1.9	
	8H	2.4	2.9	2.8	3.2	3.5	2.6	3.1	2.9	3.4	3.7	
4H	12H	4.4	4.9	4.8	5.2	5.5	4.6	5.0	4.9	5.3	5.6	
	2H	-9.2	-8.7	-8.9	-8.4	-8.2	-9.0	-8.4	-8.7	-8.2	-7.9	
	3H	-4.0	-3.6	-3.7	-3.3	-2.9	-3.8	-3.4	-3.5	-3.1	-2.8	
	4H	-1.0	-0.6	-0.6	-0.3	0.1	-0.7	-0.3	-0.3	0.1	0.4	
	6H	2.5	2.8	2.9	3.2	3.6	2.7	3.0	3.1	3.4	3.8	
8H	8H	4.4	4.7	4.8	5.1	5.5	4.5	4.8	4.9	5.2	5.6	
	12H	6.5	6.7	6.9	7.1	7.5	6.6	6.8	7.0	7.2	7.6	
	4H	0.3	0.6	0.8	1.0	1.4	0.6	0.9	1.0	1.3	1.7	
	6H	4.0	4.2	4.4	4.6	5.1	4.1	4.3	4.6	4.7	5.2	
	8H	6.0	6.2	6.5	6.6	7.1	6.1	6.2	6.5	6.7	7.2	
12H	12H	8.2	8.3	8.7	8.8	9.3	8.3	8.4	8.8	8.9	9.4	
	4H	0.8	1.1	1.3	1.5	1.9	1.0	1.3	1.5	1.7	2.1	
	6H	4.5	4.7	5.0	5.1	5.6	4.6	4.8	5.1	5.2	5.7	
	8H	6.6	6.8	7.1	7.2	7.7	6.7	6.8	7.2	7.3	7.8	
	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 380lm Total Luminous Flux												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 2 38° DIM DALI 3000K N
Reference	A3182041N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

PRODUCT

Light source	LED
Gross luminous flux	420 Lm
Power	4,2 W
Power values of the system	4,83 W
Colour temperature	3000 K
Colour Rendering Index	CRI>90
Chromatic stability	MacAdam Step 3
Light beam angle	38°
Lighting efficiency	90%
Efficacy	100 Lm/W
Current intensity	700 mA
Dimming	DALI
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

LIGHTING INFORMATION

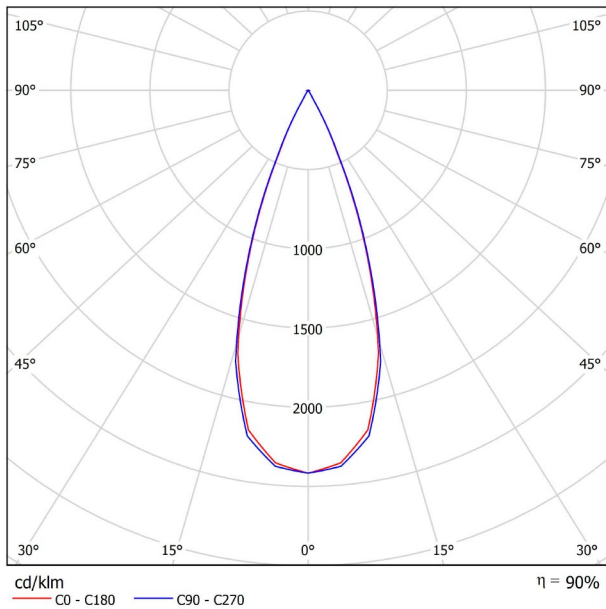
Ingress Protection	IP20
Recess measurements	50 × 93 mm.
Weight	255 g.
Packaged weight	350 g.
Packaging dimensions	212 × 155 × 73 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

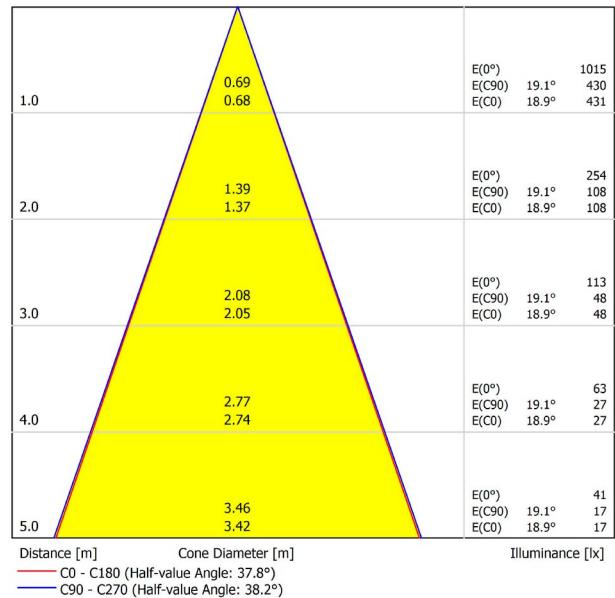


Black Foster is the product that transfers the claimed effect "The Invisible Black" to a recessed-isolated lineal luminary; also available in trimless version. If we take a closer view to the recessed model, its bezel is so thin than when lighted up, it is unperceived; offering an aesthetic of "visual 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

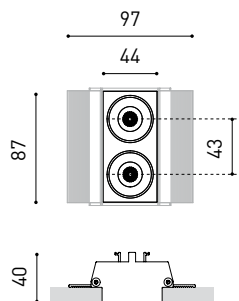


UGR

Glare Evaluation According to UGR												
ρ Ceiling		70	70	50	50	30	70	70	50	50	30	
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	-10.5	-9.9	-10.3	-9.7	-9.5	-10.1	-9.5	-9.9	-9.3	-9.1	
	3H	-5.5	-4.9	-5.2	-4.7	-4.4	-5.2	-4.6	-4.9	-4.4	-4.2	
	4H	-2.6	-2.0	-2.3	-1.8	-1.5	-2.1	-1.6	-1.8	-1.3	-1.1	
	6H	0.9	1.4	1.2	1.7	2.0	1.2	1.7	1.5	2.0	2.2	
	8H	2.8	3.3	3.1	3.6	3.8	2.9	3.4	3.3	3.7	4.0	
4H	12H	4.8	5.2	5.1	5.5	5.9	4.9	5.4	5.2	5.7	6.0	
	2H	-8.9	-8.3	-8.6	-8.1	-7.8	-8.6	-8.1	-8.3	-7.8	-7.6	
	3H	-3.7	-3.2	-3.3	-2.9	-2.6	-3.5	-3.0	-3.1	-2.7	-2.4	
	4H	-0.7	-0.3	-0.3	0.1	0.4	-0.3	0.1	0.1	0.4	0.8	
	6H	2.9	3.2	3.3	3.5	3.9	3.0	3.4	3.4	3.7	4.1	
8H	8H	4.8	5.0	5.2	5.4	5.8	4.9	5.2	5.3	5.5	5.9	
	12H	6.8	7.1	7.3	7.5	7.9	6.9	7.2	7.4	7.6	8.0	
	4H	0.7	1.0	1.1	1.4	1.8	0.9	1.2	1.3	1.6	2.0	
	6H	4.3	4.5	4.8	5.0	5.4	4.5	4.7	4.9	5.1	5.5	
	8H	6.3	6.5	6.8	7.0	7.4	6.4	6.6	6.9	7.0	7.5	
12H	12H	8.6	8.7	9.0	9.2	9.7	8.6	8.8	9.1	9.2	9.7	
	4H	1.2	1.4	1.6	1.8	2.2	1.4	1.6	1.8	2.0	2.4	
	6H	4.9	5.0	5.3	5.5	6.0	5.0	5.1	5.4	5.6	6.1	
	8H	7.0	7.1	7.5	7.6	8.1	7.0	7.2	7.5	7.6	8.1	
	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 420lm Total Luminous Flux												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 2 38° DIM DALI 4000K N
Reference	A3182042N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

PRODUCT

Light source	LED
Gross luminous flux	500 Lm
Power	4,2 W
Power values of the system	4,83 W
Colour temperature	4000 K
Colour Rendering Index	CRI>90
Chromatic stability	MacAdam Step 3
Light beam angle	38°
Lighting efficiency	90%
Efficacy	119 Lm/W
Current intensity	700 mA
Dimming	DALI
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

LIGHTING INFORMATION

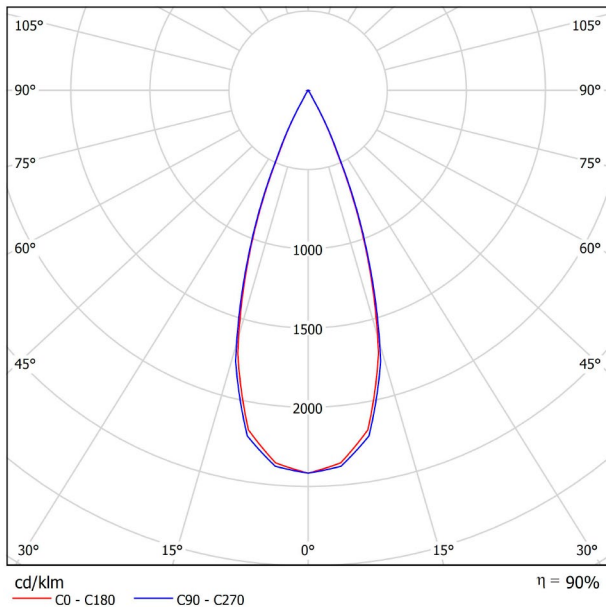
Ingress Protection	IP20
Recess measurements	50 × 93 mm.
Weight	255 g.
Packaged weight	350 g.
Packaging dimensions	212 × 155 × 73 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

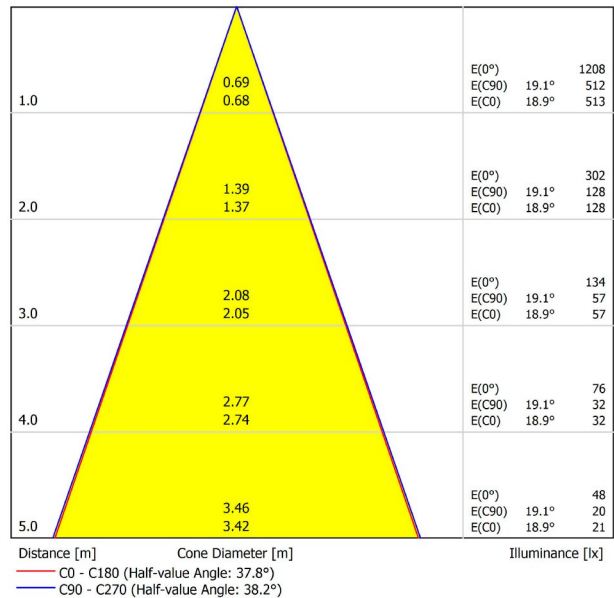


Black Foster is the product that transfers the claimed effect "The Invisible Black" to a recessed-isolated lineal luminary; also available in trimless version. If we take a closer view to the recessed model, its bezel is so thin than when lighted up, it is unperceived; offering an aesthetic of "visual 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	
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	-9.9	-9.3	-9.6	-9.1	-8.9	-9.5	-8.9	-9.3	-8.7	-8.5	
	3H	-4.9	-4.3	-4.6	-4.1	-3.8	-4.6	-4.0	-4.3	-3.8	-3.5	
	4H	-2.0	-1.4	-1.7	-1.2	-0.9	-1.5	-1.0	-1.2	-0.7	-0.5	
	6H	1.5	2.0	1.8	2.3	2.6	1.8	2.3	2.1	2.6	2.8	
	8H	3.4	3.9	3.7	4.2	4.5	3.5	4.0	3.9	4.3	4.6	
4H	12H	5.4	5.8	5.7	6.1	6.5	5.5	6.0	5.9	6.3	6.6	
	2H	-8.3	-7.7	-8.0	-7.5	-7.2	-8.0	-7.5	-7.7	-7.2	-7.0	
	3H	-3.1	-2.6	-2.7	-2.3	-2.0	-2.9	-2.4	-2.5	-2.1	-1.8	
	4H	-0.1	0.3	0.3	0.7	1.0	0.3	0.7	0.7	1.0	1.4	
	6H	3.5	3.8	3.9	4.2	4.5	3.6	4.0	4.0	4.3	4.7	
8H	8H	5.4	5.6	5.8	6.0	6.4	5.5	5.8	5.9	6.1	6.5	
	12H	7.4	7.7	7.9	8.1	8.5	7.5	7.8	8.0	8.2	8.6	
	4H	1.3	1.6	1.7	2.0	2.4	1.5	1.8	1.9	2.2	2.6	
	6H	4.9	5.2	5.4	5.6	6.0	5.1	5.3	5.5	5.7	6.1	
	8H	6.9	7.1	7.4	7.6	8.0	7.0	7.2	7.5	7.6	8.1	
12H	12H	9.2	9.3	9.6	9.8	10.3	9.2	9.4	9.7	9.8	10.3	
	4H	1.8	2.0	2.2	2.4	2.8	2.0	2.2	2.4	2.6	3.0	
	6H	5.5	5.6	5.9	6.1	6.6	5.6	5.8	6.0	6.2	6.7	
	8H	7.6	7.7	8.1	8.2	8.7	7.6	7.8	8.1	8.2	8.7	
	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												