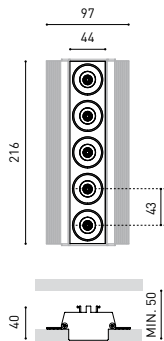




DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 5 SPOT DIM PUSH 3000K NMG
Reference	A3184121NMG
Color	Matt black-Metallized gold
RAL	Metalllic finish
Category	CEILING RECESSED

PRODUCT

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	MacAdam Step 3
Light beam angle	19°
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

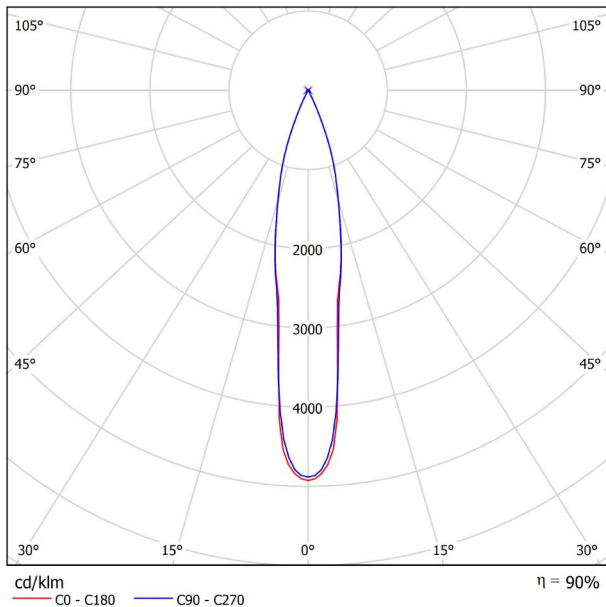
OTHER DATA

Ingress Protection	IP20
Recess measurements	50 × 222 mm.
Weight	480 g.
Packaged weight	595 g.
Packaging dimensions	295 × 155 × 73 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

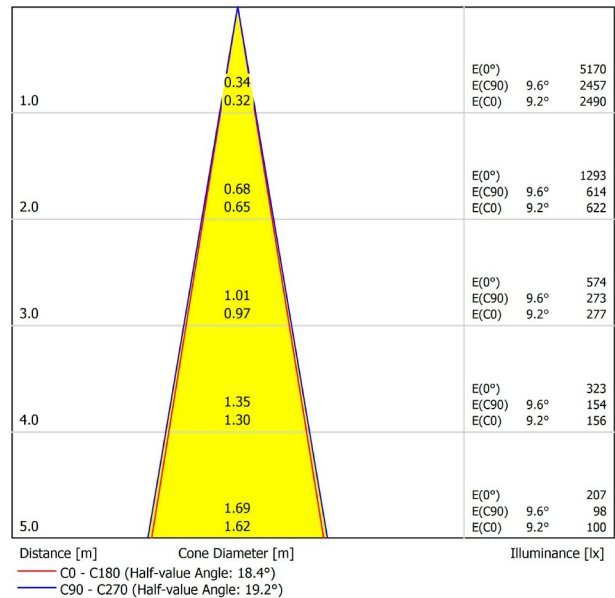


Black Foster is the product that transfers the claimed effect "The Invisible Black" to a recessed-isolated lineal luminary; also available in trimless version. If we take a closer view to the recessed model, its bezel is so thin than when lighted up, it is unperceived; offering an aesthetic of "visual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

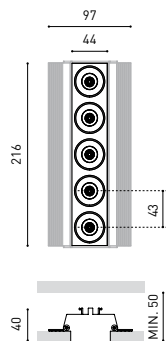


UGR

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	2.2	2.9	2.5	3.1	3.3	3.1	3.8	3.3	3.9	4.1
	3H	5.7	6.3	6.0	6.6	6.8	7.0	7.6	7.3	7.8	8.1
	4H	7.7	8.3	8.0	8.5	8.8	8.8	9.4	9.1	9.7	9.9
	6H	9.9	10.5	10.3	10.7	11.0	11.1	11.6	11.4	11.9	12.2
	8H	11.1	11.6	11.4	11.9	12.2	12.3	12.9	12.7	13.1	13.4
4H	12H	12.5	13.0	12.8	13.3	13.6	13.8	14.3	14.1	14.6	14.9
	2H	3.6	4.2	3.9	4.4	4.7	4.2	4.7	4.5	5.0	5.3
	3H	7.3	7.8	7.7	8.1	8.4	8.2	8.7	8.5	9.0	9.3
	4H	9.4	9.8	9.8	10.2	10.5	10.2	10.6	10.6	11.0	11.3
	6H	11.7	12.1	12.1	12.4	12.8	12.7	13.0	13.1	13.4	13.7
8H	8H	12.9	13.2	13.3	13.6	14.0	14.0	14.3	14.4	14.7	15.1
	12H	14.4	14.7	14.8	15.1	15.5	15.5	15.8	16.0	16.2	16.6
	4H	10.4	10.7	10.8	11.1	11.5	11.0	11.3	11.4	11.7	12.1
	6H	12.8	13.1	13.3	13.5	13.9	13.6	13.9	14.1	14.3	14.7
	8H	14.3	14.5	14.7	14.9	15.4	15.2	15.3	15.6	15.8	16.3
12H	12H	15.9	16.1	16.4	16.5	17.0	16.9	17.1	17.4	17.5	18.0
	4H	10.7	10.9	11.1	11.3	11.7	11.2	11.5	11.6	11.9	12.3
	6H	13.2	13.4	13.7	13.8	14.3	13.9	14.1	14.4	14.5	15.0
	8H	14.8	14.9	15.2	15.4	15.9	15.5	15.7	16.0	16.2	16.7
	Variation of the observer position for the luminaire distances S										
S = 1.0H		+0.2 / -0.1					+0.2 / -0.1				
S = 1.5H		+0.3 / -0.3					+0.3 / -0.3				
S = 2.0H		+0.5 / -0.5					+0.5 / -0.5				
Standard table		---					---				
Correction		---					---				
Summand		---					---				
Corrected Glare Indices referring to 1050lm Total Luminous Flux											



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 5 SPOT DIM PUSH 4000K N
Reference	A3184122N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

PRODUCT

LIGHTING INFORMATION

Light source	LED
Gross luminous flux	1250 Lm
Power	10,5 W
Power values of the system	11,93 W
Colour temperature	4000 K
Colour Rendering Index	CRI>90
Chromatic stability	MacAdam Step 3
Light beam angle	19°
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

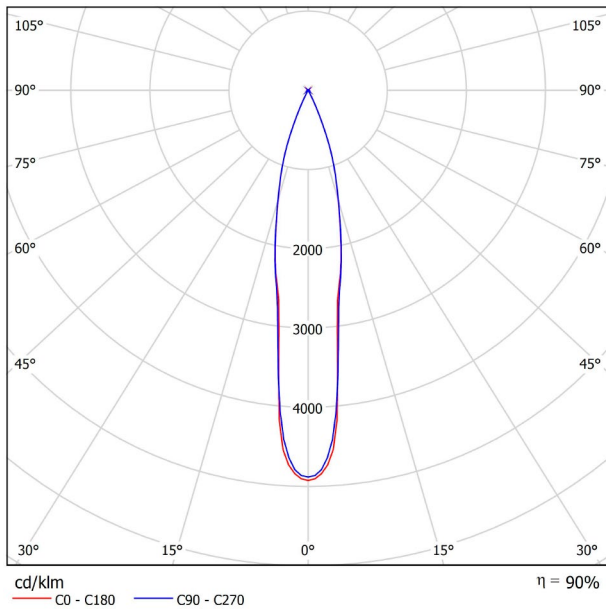
OTHER DATA

Ingress Protection	IP20
Recess measurements	50 × 222 mm.
Weight	480 g.
Packaged weight	595 g.
Packaging dimensions	295 × 155 × 73 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

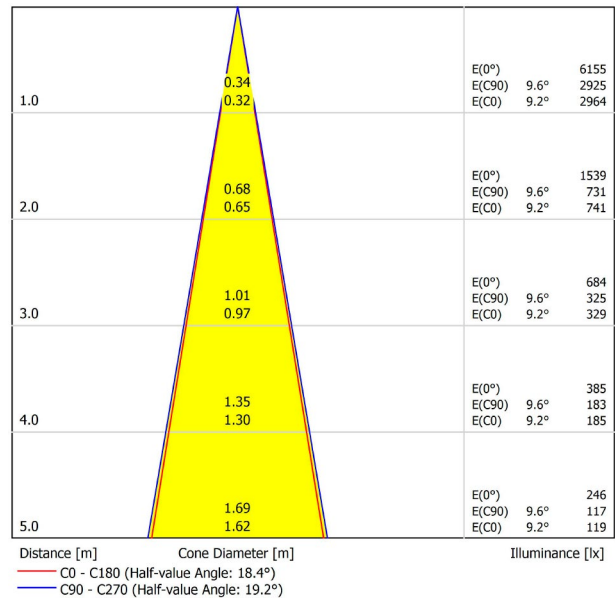


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POLAR DIAGRAM



CONICAL DIAGRAM

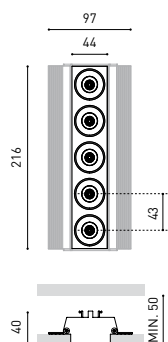


UGR

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	2.9	3.5	3.1	3.7	3.9	3.7	4.4	3.9	4.6	4.7	
	3H	6.3	7.0	6.6	7.2	7.4	7.6	8.2	7.9	8.4	8.7	
	4H	8.3	8.9	8.6	9.1	9.4	9.4	10.0	9.7	10.3	10.5	
	6H	10.5	11.1	10.9	11.4	11.6	11.7	12.3	12.0	12.5	12.8	
	8H	11.7	12.2	12.0	12.5	12.8	13.0	13.5	13.3	13.8	14.0	
12H	13.1	13.6	13.4	13.9	14.2	14.4	14.9	14.7	15.2	15.5		
4H	2H	4.2	4.8	4.5	5.0	5.3	4.8	5.4	5.1	5.6	5.9	
	3H	7.9	8.4	8.3	8.7	9.0	8.8	9.3	9.2	9.6	9.9	
	4H	10.0	10.4	10.4	10.8	11.1	10.8	11.3	11.2	11.6	11.9	
	6H	12.3	12.7	12.7	13.0	13.4	13.3	13.6	13.7	14.0	14.4	
	8H	13.5	13.8	13.9	14.2	14.6	14.6	14.9	15.0	15.3	15.7	
12H	15.0	15.3	15.4	15.7	16.1	16.1	16.4	16.6	16.8	17.2		
8H	4H	11.0	11.3	11.4	11.7	12.1	11.6	11.9	12.0	12.3	12.7	
	6H	13.4	13.7	13.9	14.1	14.5	14.2	14.5	14.7	14.9	15.3	
	8H	14.9	15.1	15.3	15.5	16.0	15.8	16.0	16.2	16.4	16.9	
	12H	16.5	16.7	17.0	17.1	17.6	17.5	17.7	18.0	18.1	18.6	
12H	4H	11.3	11.5	11.7	11.9	12.4	11.8	12.1	12.2	12.5	12.9	
	6H	13.8	14.0	14.3	14.5	14.9	14.5	14.7	15.0	15.1	15.6	
	8H	15.4	15.5	15.8	16.0	16.5	16.1	16.3	16.6	16.8	17.3	
Variation of the observer position for the luminaire distances S												
S = 1.0H		+0.2 / -0.1					+0.2 / -0.1					
S = 1.5H		+0.3 / -0.3					+0.3 / -0.3					
S = 2.0H		+0.5 / -0.5					+0.5 / -0.5					
Standard table		---					---					
Correction		---					---					
Summand												
Corrected Glare Indices referring to 1250lm Total Luminous Flux												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 5 SPOT DIM PUSH 4000K NMG
Reference	A3184122NMG
Color	Matt black-Metallized gold
RAL	Metalllic finish
Category	CEILING RECESSED

PRODUCT

LIGHTING INFORMATION

Light source	LED
Gross luminous flux	1250 Lm
Power	10,5 W
Power values of the system	11,93 W
Colour temperature	4000 K
Colour Rendering Index	CRI>90
Chromatic stability	MacAdam Step 3
Light beam angle	19°
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

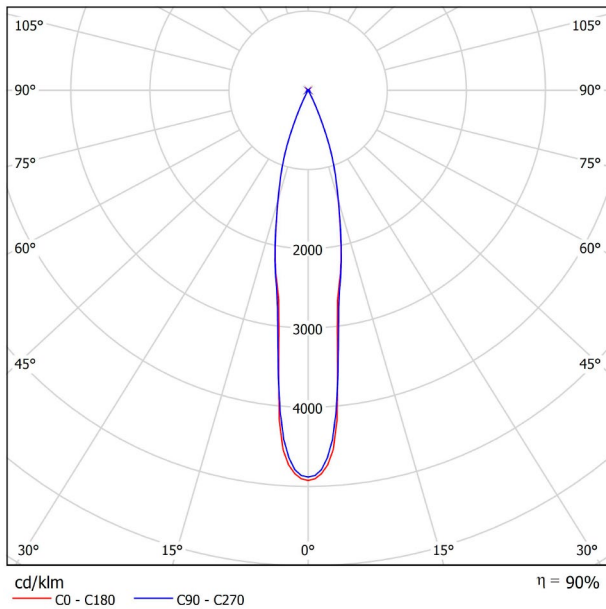
OTHER DATA

Ingress Protection	IP20
Recess measurements	50 × 222 mm.
Weight	480 g.
Packaged weight	595 g.
Packaging dimensions	295 × 155 × 73 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

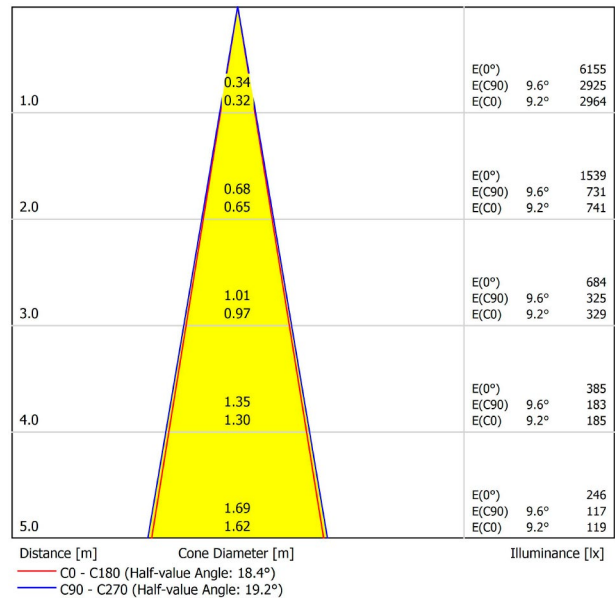


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POLAR DIAGRAM



CONICAL DIAGRAM

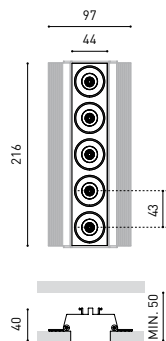


UGR

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	2.9	3.5	3.1	3.7	3.9	3.7	4.4	3.9	4.6	4.7	
	3H	6.3	7.0	6.6	7.2	7.4	7.6	8.2	7.9	8.4	8.7	
	4H	8.3	8.9	8.6	9.1	9.4	9.4	10.0	9.7	10.3	10.5	
	6H	10.5	11.1	10.9	11.4	11.6	11.7	12.3	12.0	12.5	12.8	
	8H	11.7	12.2	12.0	12.5	12.8	13.0	13.5	13.3	13.8	14.0	
4H	12H	13.1	13.6	13.4	13.9	14.2	14.4	14.9	14.7	15.2	15.5	
	2H	4.2	4.8	4.5	5.0	5.3	4.8	5.4	5.1	5.6	5.9	
	3H	7.9	8.4	8.3	8.7	9.0	8.8	9.3	9.2	9.6	9.9	
	4H	10.0	10.4	10.4	10.8	11.1	10.8	11.3	11.2	11.6	11.9	
	6H	12.3	12.7	12.7	13.0	13.4	13.3	13.6	13.7	14.0	14.4	
8H	8H	13.5	13.8	13.9	14.2	14.6	14.6	14.9	15.0	15.3	15.7	
	12H	15.0	15.3	15.4	15.7	16.1	16.1	16.4	16.6	16.8	17.2	
	4H	11.0	11.3	11.4	11.7	12.1	11.6	11.9	12.0	12.3	12.7	
	6H	13.4	13.7	13.9	14.1	14.5	14.2	14.5	14.7	14.9	15.3	
	8H	14.9	15.1	15.3	15.5	16.0	15.8	16.0	16.2	16.4	16.9	
12H	12H	16.5	16.7	17.0	17.1	17.6	17.5	17.7	18.0	18.1	18.6	
	4H	11.3	11.5	11.7	11.9	12.4	11.8	12.1	12.2	12.5	12.9	
	6H	13.8	14.0	14.3	14.5	14.9	14.5	14.7	15.0	15.1	15.6	
	8H	15.4	15.5	15.8	16.0	16.5	16.1	16.3	16.6	16.8	17.3	
Variation of the observer position for the luminaire distances S												
S = 1.0H		+0.2 / -0.1					+0.2 / -0.1					
S = 1.5H		+0.3 / -0.3					+0.3 / -0.3					
S = 2.0H		+0.5 / -0.5					+0.5 / -0.5					
Standard table		---					---					
Correction		---					---					
Summand		---					---					
Corrected Glare Indices referring to 1250lm Total Luminous Flux												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 5 SPOT DIM DALI 2700K N
Reference	A3184140N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

PRODUCT

BLACK FOSTER TRI 5 SPOT DIM DALI 2700K N

A3184140N

Matt black

9005

CEILING RECESSED

LIGHTING INFORMATION

Light source	LED
Gross luminous flux	950 Lm
Power	10,5 W
Power values of the system	12,07 W
Colour temperature	2700 K
Colour Rendering Index	CRI>90
Chromatic stability	MacAdam Step 3
Light beam angle	19°
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

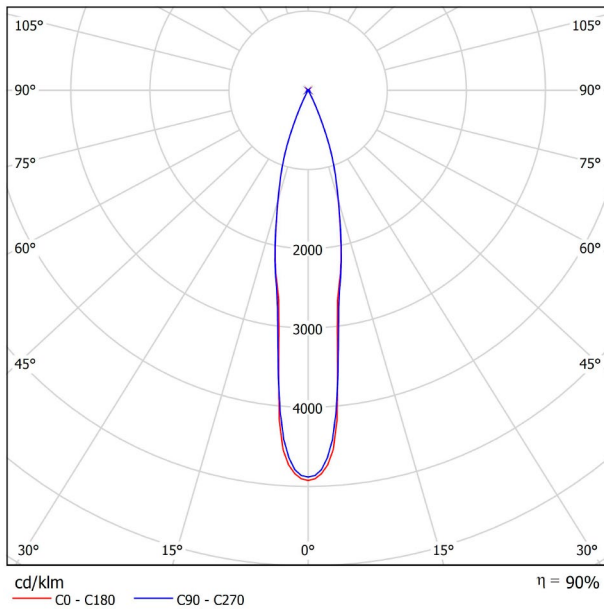
OTHER DATA

Ingress Protection	IP20
Recess measurements	50 × 222 mm.
Weight	480 g.
Packaged weight	595 g.
Packaging dimensions	295 × 155 × 73 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

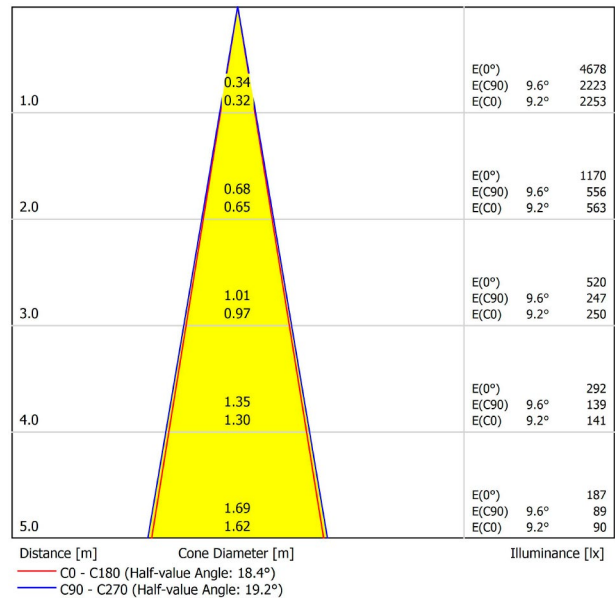


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POLAR DIAGRAM



CONICAL DIAGRAM

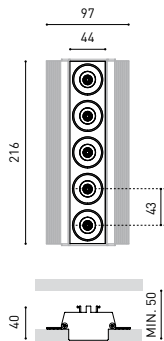


UGR

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	1.9	2.6	2.1	2.8	3.0	2.7	3.4	3.0	3.6	3.8	
	3H	5.4	6.0	5.7	6.2	6.5	6.6	7.3	6.9	7.5	7.7	
	4H	7.4	7.9	7.7	8.2	8.4	8.5	9.1	8.8	9.3	9.6	
	6H	9.6	10.1	9.9	10.4	10.7	10.8	11.3	11.1	11.6	11.9	
	8H	10.7	11.2	11.1	11.5	11.8	12.0	12.5	12.3	12.8	13.1	
	12H	12.1	12.6	12.5	12.9	13.2	13.4	13.9	13.8	14.2	14.5	
4H	2H	3.3	3.8	3.6	4.1	4.3	3.8	4.4	4.1	4.6	4.9	
	3H	7.0	7.5	7.3	7.8	8.1	7.9	8.3	8.2	8.6	9.0	
	4H	9.1	9.5	9.4	9.8	10.2	9.9	10.3	10.3	10.6	11.0	
	6H	11.4	11.7	11.8	12.1	12.5	12.3	12.7	12.7	13.0	13.4	
	8H	12.6	12.9	13.0	13.3	13.7	13.6	14.0	14.1	14.3	14.7	
	12H	14.1	14.3	14.5	14.7	15.1	15.2	15.5	15.6	15.9	16.3	
8H	4H	10.0	10.3	10.4	10.7	11.1	10.7	11.0	11.1	11.3	11.7	
	6H	12.5	12.7	12.9	13.1	13.6	13.3	13.5	13.7	13.9	14.4	
	8H	13.9	14.1	14.4	14.6	15.0	14.8	15.0	15.3	15.4	15.9	
	12H	15.6	15.7	16.0	16.2	16.7	16.6	16.7	17.0	17.2	17.7	
12H	4H	10.3	10.6	10.7	11.0	11.4	10.8	11.1	11.3	11.5	11.9	
	6H	12.9	13.1	13.3	13.5	14.0	13.5	13.7	14.0	14.2	14.7	
	8H	14.4	14.6	14.9	15.0	15.5	15.2	15.4	15.7	15.8	16.3	
Variation of the observer position for the luminaire distances S												
S = 1.0H		+0.2 / -0.1					+0.2 / -0.1					
S = 1.5H		+0.3 / -0.3					+0.3 / -0.3					
S = 2.0H		+0.5 / -0.5					+0.5 / -0.5					
Standard table		---					---					
Correction		---					---					
Summand		---					---					
Corrected Glare Indices referring to 950lm Total Luminous Flux												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 5 SPOT DIM DALI 2700K NMG
Reference	A3184140NMG
Color	Matt black-Metallized gold
RAL	Metalllic finish
Category	CEILING RECESSED

PRODUCT

LIGHTING INFORMATION

Light source	LED
Gross luminous flux	950 Lm
Power	10,5 W
Power values of the system	11,93 W
Colour temperature	2700 K
Colour Rendering Index	CRI>90
Chromatic stability	MacAdam Step 3
Light beam angle	19°
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

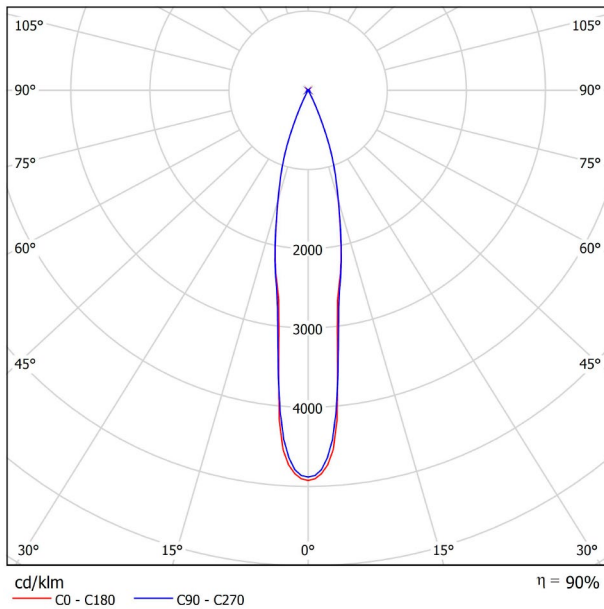
OTHER DATA

Ingress Protection	IP20
Recess measurements	50 × 222 mm.
Weight	480 g.
Packaged weight	595 g.
Packaging dimensions	295 × 155 × 73 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

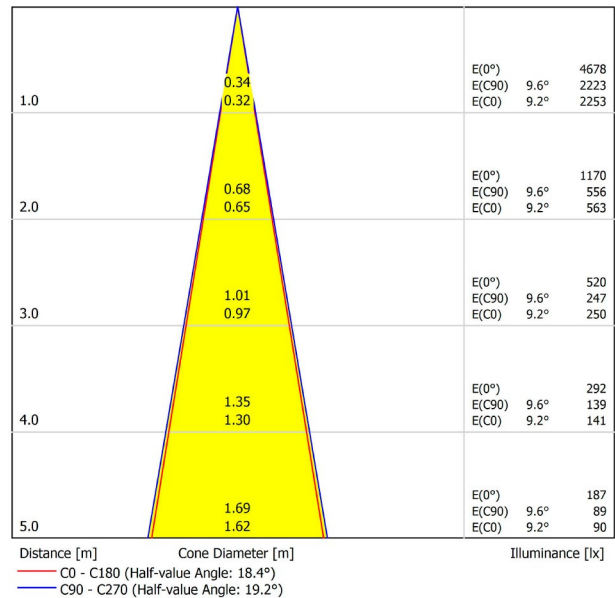


Black Foster is the product that transfers the claimed effect "The Invisible Black" to a recessed-isolated lineal luminary; also available in trimless version. If we take a closer view to the recessed model, its bezel is so thin than when lighted up, it is unperceived; offering an aesthetic of "visual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

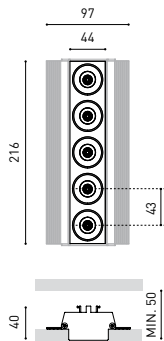


UGR

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	1.9	2.6	2.1	2.8	3.0	2.7	3.4	3.0	3.6	3.8	
	3H	5.4	6.0	5.7	6.2	6.5	6.6	7.3	6.9	7.5	7.7	
	4H	7.4	7.9	7.7	8.2	8.4	8.5	9.1	8.8	9.3	9.6	
	6H	9.6	10.1	9.9	10.4	10.7	10.8	11.3	11.1	11.6	11.9	
	8H	10.7	11.2	11.1	11.5	11.8	12.0	12.5	12.3	12.8	13.1	
4H	12H	12.1	12.6	12.5	12.9	13.2	13.4	13.9	13.8	14.2	14.5	
	2H	3.3	3.8	3.6	4.1	4.3	3.8	4.4	4.1	4.6	4.9	
	3H	7.0	7.5	7.3	7.8	8.1	7.9	8.3	8.2	8.6	9.0	
	4H	9.1	9.5	9.4	9.8	10.2	9.9	10.3	10.3	10.6	11.0	
	6H	11.4	11.7	11.8	12.1	12.5	12.3	12.7	12.7	13.0	13.4	
8H	8H	12.6	12.9	13.0	13.3	13.7	13.6	14.0	14.1	14.3	14.7	
	12H	14.1	14.3	14.5	14.7	15.1	15.2	15.5	15.6	15.9	16.3	
	4H	10.0	10.3	10.4	10.7	11.1	10.7	11.0	11.1	11.3	11.7	
	6H	12.5	12.7	12.9	13.1	13.6	13.3	13.5	13.7	13.9	14.4	
	8H	13.9	14.1	14.4	14.6	15.0	14.8	15.0	15.3	15.4	15.9	
12H	12H	15.6	15.7	16.0	16.2	16.7	16.6	16.7	17.0	17.2	17.7	
	4H	10.3	10.6	10.7	11.0	11.4	10.8	11.1	11.3	11.5	11.9	
	6H	12.9	13.1	13.3	13.5	14.0	13.5	13.7	14.0	14.2	14.7	
	8H	14.4	14.6	14.9	15.0	15.5	15.2	15.4	15.7	15.8	16.3	
	Variation of the observer position for the luminaire distances S											
S = 1.0H		+0.2 / -0.1					+0.2 / -0.1					
S = 1.5H		+0.3 / -0.3					+0.3 / -0.3					
S = 2.0H		+0.5 / -0.5					+0.5 / -0.5					
Standard table		---					---					
Correction		---					---					
Summand		---					---					
Corrected Glare Indices referring to 950lm Total Luminous Flux												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 5 SPOT DIM DALI 3000K N
Reference	A3184141N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

PRODUCT

Light source	LED
Gross luminous flux	1050 Lm
Power	10,5 W
Power values of the system	12,07 W
Colour temperature	3000 K
Colour Rendering Index	CRI>90
Chromatic stability	MacAdam Step 3
Light beam angle	19°
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

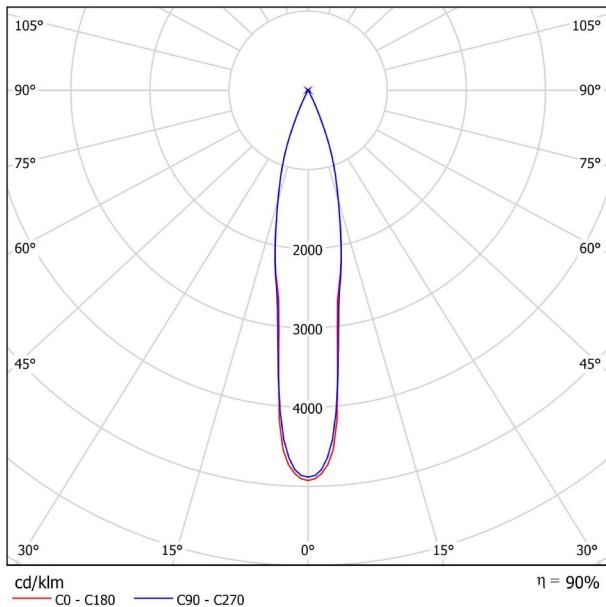
Ingress Protection	IP20
Recess measurements	50 × 222 mm.
Weight	480 g.
Packaged weight	595 g.
Packaging dimensions	295 × 155 × 73 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

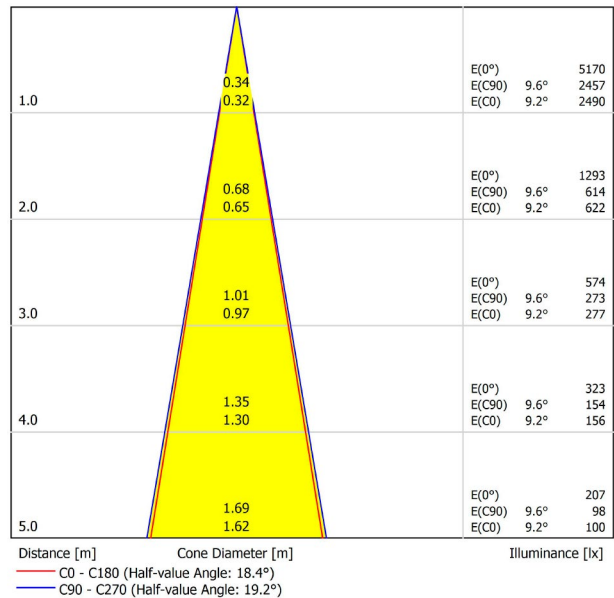


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POLAR DIAGRAM



CONICAL DIAGRAM

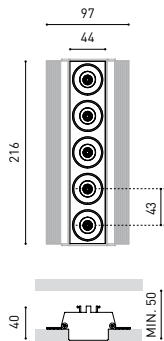


UGR

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	2.2	2.9	2.5	3.1	3.3	3.1	3.8	3.3	3.9	4.1	
	3H	5.7	6.3	6.0	6.6	6.8	7.0	7.6	7.3	7.8	8.1	
	4H	7.7	8.3	8.0	8.5	8.8	8.8	9.4	9.1	9.7	9.9	
	6H	9.9	10.5	10.3	10.7	11.0	11.1	11.6	11.4	11.9	12.2	
	8H	11.1	11.6	11.4	11.9	12.2	12.3	12.9	12.7	13.1	13.4	
	12H	12.5	13.0	12.8	13.3	13.6	13.8	14.3	14.1	14.6	14.9	
4H	2H	3.6	4.2	3.9	4.4	4.7	4.2	4.7	4.5	5.0	5.3	
	3H	7.3	7.8	7.7	8.1	8.4	8.2	8.7	8.5	9.0	9.3	
	4H	9.4	9.8	9.8	10.2	10.5	10.2	10.6	10.6	11.0	11.3	
	6H	11.7	12.1	12.1	12.4	12.8	12.7	13.0	13.1	13.4	13.7	
	8H	12.9	13.2	13.3	13.6	14.0	14.0	14.3	14.4	14.7	15.1	
	12H	14.4	14.7	14.8	15.1	15.5	15.5	15.8	16.0	16.2	16.6	
8H	4H	10.4	10.7	10.8	11.1	11.5	11.0	11.3	11.4	11.7	12.1	
	6H	12.8	13.1	13.3	13.5	13.9	13.6	13.9	14.1	14.3	14.7	
	8H	14.3	14.5	14.7	14.9	15.4	15.2	15.3	15.6	15.8	16.3	
	12H	15.9	16.1	16.4	16.5	17.0	16.9	17.1	17.4	17.5	18.0	
12H	4H	10.7	10.9	11.1	11.3	11.7	11.2	11.5	11.6	11.9	12.3	
	6H	13.2	13.4	13.7	13.8	14.3	13.9	14.1	14.4	14.5	15.0	
	8H	14.8	14.9	15.2	15.4	15.9	15.5	15.7	16.0	16.2	16.7	
Variation of the observer position for the luminaire distances S												
S = 1.0H		+0.2 / -0.1					+0.2 / -0.1					
S = 1.5H		+0.3 / -0.3					+0.3 / -0.3					
S = 2.0H		+0.5 / -0.5					+0.5 / -0.5					
Standard table		---					---					
Correction		---					---					
Summand		---					---					
Corrected Glare Indices referring to 1050lm Total Luminous Flux												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 5 SPOT DIM DALI 3000K NMG
Reference	A3184141NMG
Color	Matt black-Metallized gold
RAL	Metalllic finish
Category	CEILING RECESSED

PRODUCT

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	MacAdam Step 3
Light beam angle	19°
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

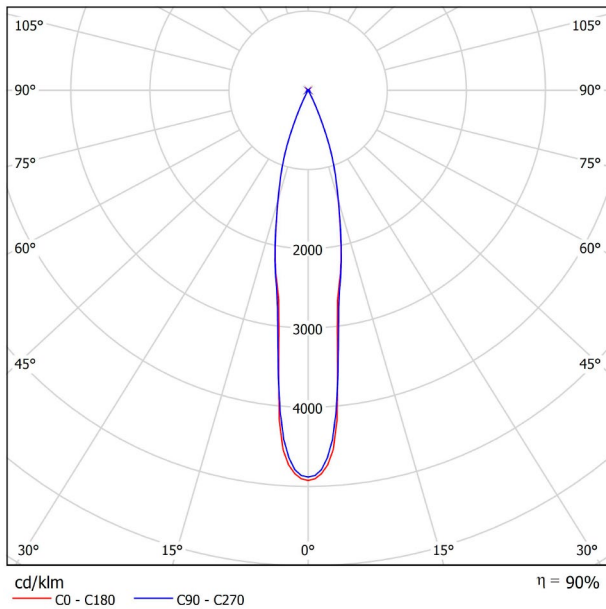
OTHER DATA

Ingress Protection	IP20
Recess measurements	50 × 222 mm.
Weight	480 g.
Packaged weight	595 g.
Packaging dimensions	295 × 155 × 73 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

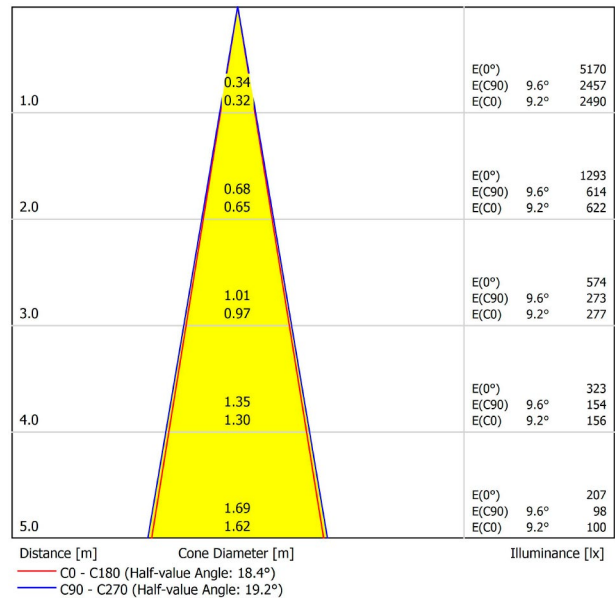


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POLAR DIAGRAM



CONICAL DIAGRAM

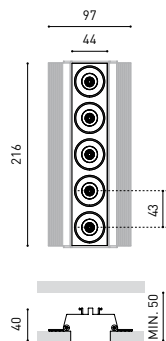


UGR

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	2.2	2.9	2.5	3.1	3.3	3.1	3.8	3.3	3.9	4.1	
	3H	5.7	6.3	6.0	6.6	6.8	7.0	7.6	7.3	7.8	8.1	
	4H	7.7	8.3	8.0	8.5	8.8	8.8	9.4	9.1	9.7	9.9	
	6H	9.9	10.5	10.3	10.7	11.0	11.1	11.6	11.4	11.9	12.2	
	8H	11.1	11.6	11.4	11.9	12.2	12.3	12.9	12.7	13.1	13.4	
	12H	12.5	13.0	12.8	13.3	13.6	13.8	14.3	14.1	14.6	14.9	
4H	2H	3.6	4.2	3.9	4.4	4.7	4.2	4.7	4.5	5.0	5.3	
	3H	7.3	7.8	7.7	8.1	8.4	8.2	8.7	8.5	9.0	9.3	
	4H	9.4	9.8	9.8	10.2	10.5	10.2	10.6	10.6	11.0	11.3	
	6H	11.7	12.1	12.1	12.4	12.8	12.7	13.0	13.1	13.4	13.7	
	8H	12.9	13.2	13.3	13.6	14.0	14.0	14.3	14.4	14.7	15.1	
	12H	14.4	14.7	14.8	15.1	15.5	15.5	15.8	16.0	16.2	16.6	
8H	4H	10.4	10.7	10.8	11.1	11.5	11.0	11.3	11.4	11.7	12.1	
	6H	12.8	13.1	13.3	13.5	13.9	13.6	13.9	14.1	14.3	14.7	
	8H	14.3	14.5	14.7	14.9	15.4	15.2	15.3	15.6	15.8	16.3	
	12H	15.9	16.1	16.4	16.5	17.0	16.9	17.1	17.4	17.5	18.0	
12H	4H	10.7	10.9	11.1	11.3	11.7	11.2	11.5	11.6	11.9	12.3	
	6H	13.2	13.4	13.7	13.8	14.3	13.9	14.1	14.4	14.5	15.0	
	8H	14.8	14.9	15.2	15.4	15.9	15.5	15.7	16.0	16.2	16.7	
Variation of the observer position for the luminaire distances S												
S = 1.0H		+0.2 / -0.1					+0.2 / -0.1					
S = 1.5H		+0.3 / -0.3					+0.3 / -0.3					
S = 2.0H		+0.5 / -0.5					+0.5 / -0.5					
Standard table		---					---					
Correction		---					---					
Summand		---					---					
Corrected Glare Indices referring to 1050lm Total Luminous Flux												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 5 SPOT DIM DALI 4000K N
Reference	A3184142N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

PRODUCT

BLACK FOSTER TRI 5 SPOT DIM DALI 4000K N

A3184142N

Matt black

9005

CEILING RECESSED

LIGHTING INFORMATION

Light source	LED
Gross luminous flux	1250 Lm
Power	10,5 W
Power values of the system	12,07 W
Colour temperature	4000 K
Colour Rendering Index	CRI>90
Chromatic stability	MacAdam Step 3
Light beam angle	19°
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

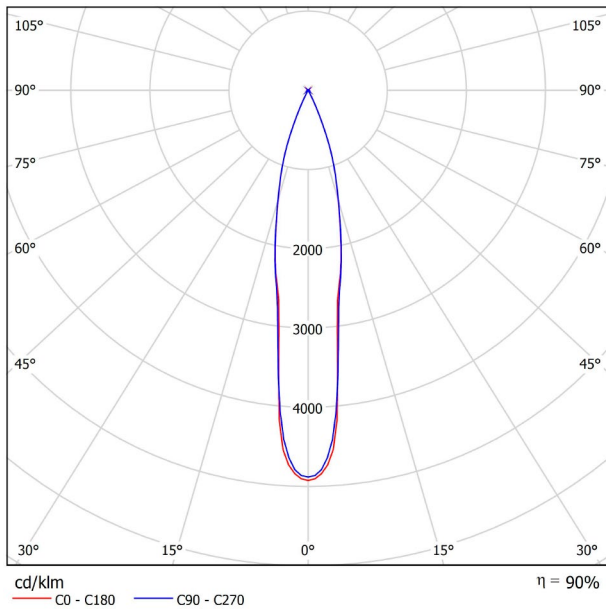
OTHER DATA

Ingress Protection	IP20
Recess measurements	50 × 222 mm.
Weight	480 g.
Packaged weight	595 g.
Packaging dimensions	295 × 155 × 73 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

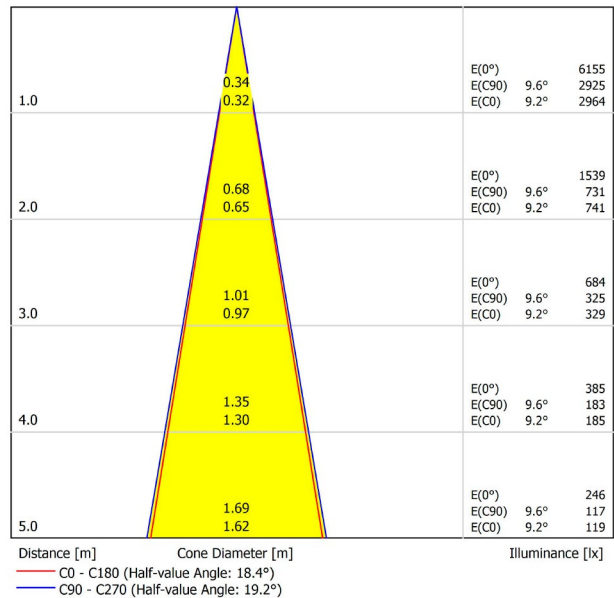


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POLAR DIAGRAM



CONICAL DIAGRAM

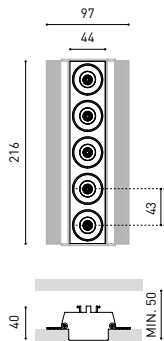


UGR

Glare Evaluation According to UGR												
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	2.9	3.5	3.1	3.7	3.9	3.7	4.4	3.9	4.6	4.7	
	3H	6.3	7.0	6.6	7.2	7.4	7.6	8.2	7.9	8.4	8.7	
	4H	8.3	8.9	8.6	9.1	9.4	9.4	10.0	9.7	10.3	10.5	
	6H	10.5	11.1	10.9	11.4	11.6	11.7	12.3	12.0	12.5	12.8	
	8H	11.7	12.2	12.0	12.5	12.8	13.0	13.5	13.3	13.8	14.0	
4H	12H	13.1	13.6	13.4	13.9	14.2	14.4	14.9	14.7	15.2	15.5	
	2H	4.2	4.8	4.5	5.0	5.3	4.8	5.4	5.1	5.6	5.9	
	3H	7.9	8.4	8.3	8.7	9.0	8.8	9.3	9.2	9.6	9.9	
	4H	10.0	10.4	10.4	10.8	11.1	10.8	11.3	11.2	11.6	11.9	
	6H	12.3	12.7	12.7	13.0	13.4	13.3	13.6	13.7	14.0	14.4	
8H	8H	13.5	13.8	13.9	14.2	14.6	14.6	14.9	15.0	15.3	15.7	
	12H	15.0	15.3	15.4	15.7	16.1	16.1	16.4	16.6	16.8	17.2	
	4H	11.0	11.3	11.4	11.7	12.1	11.6	11.9	12.0	12.3	12.7	
	6H	13.4	13.7	13.9	14.1	14.5	14.2	14.5	14.7	14.9	15.3	
	8H	14.9	15.1	15.3	15.5	16.0	15.8	16.0	16.2	16.4	16.9	
12H	12H	16.5	16.7	17.0	17.1	17.6	17.5	17.7	18.0	18.1	18.6	
	4H	11.3	11.5	11.7	11.9	12.4	11.8	12.1	12.2	12.5	12.9	
	6H	13.8	14.0	14.3	14.5	14.9	14.5	14.7	15.0	15.1	15.6	
	8H	15.4	15.5	15.8	16.0	16.5	16.1	16.3	16.6	16.8	17.3	
Variation of the observer position for the luminaire distances S												
S = 1.0H		+0.2 / -0.1					+0.2 / -0.1					
S = 1.5H		+0.3 / -0.3					+0.3 / -0.3					
S = 2.0H		+0.5 / -0.5					+0.5 / -0.5					
Standard table		---					---					
Correction		---					---					
Summand		---					---					
Corrected Glare Indices referring to 1250lm Total Luminous Flux												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 5 SPOT DIM DALI 4000K NMG
Reference	A3184142NMG
Color	Matt black-Metallized gold
RAL	Metalllic finish
Category	CEILING RECESSED

PRODUCT

Light source	LED
Gross luminous flux	1250 Lm
Power	10,5 W
Power values of the system	11,93 W
Colour temperature	4000 K
Colour Rendering Index	CRI>90
Chromatic stability	MacAdam Step 3
Light beam angle	19°
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

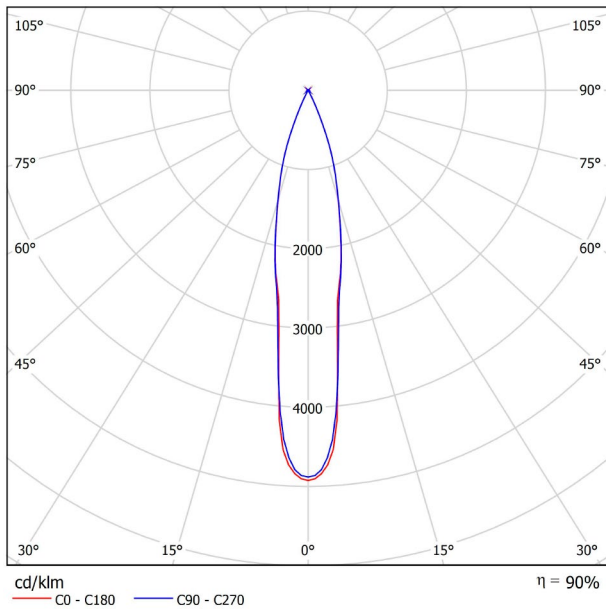
Ingress Protection	IP20
Recess measurements	50 × 222 mm.
Weight	480 g.
Packaged weight	595 g.
Packaging dimensions	295 × 155 × 73 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

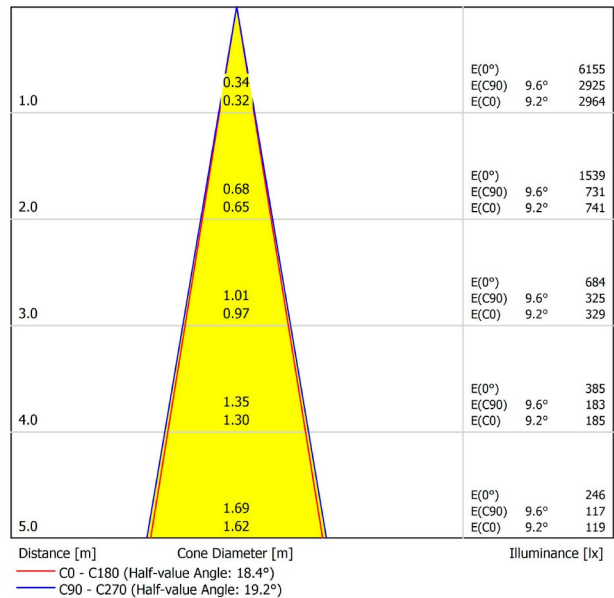


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POLAR DIAGRAM



CONICAL DIAGRAM

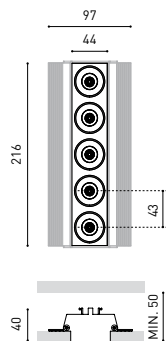


UGR

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	2.9	3.5	3.1	3.7	3.9	3.7	4.4	3.9	4.6	4.7	
	3H	6.3	7.0	6.6	7.2	7.4	7.6	8.2	7.9	8.4	8.7	
	4H	8.3	8.9	8.6	9.1	9.4	9.4	10.0	9.7	10.3	10.5	
	6H	10.5	11.1	10.9	11.4	11.6	11.7	12.3	12.0	12.5	12.8	
	8H	11.7	12.2	12.0	12.5	12.8	13.0	13.5	13.3	13.8	14.0	
4H	12H	13.1	13.6	13.4	13.9	14.2	14.4	14.9	14.7	15.2	15.5	
	2H	4.2	4.8	4.5	5.0	5.3	4.8	5.4	5.1	5.6	5.9	
	3H	7.9	8.4	8.3	8.7	9.0	8.8	9.3	9.2	9.6	9.9	
	4H	10.0	10.4	10.4	10.8	11.1	10.8	11.3	11.2	11.6	11.9	
	6H	12.3	12.7	12.7	13.0	13.4	13.3	13.6	13.7	14.0	14.4	
8H	8H	13.5	13.8	13.9	14.2	14.6	14.6	14.9	15.0	15.3	15.7	
	12H	15.0	15.3	15.4	15.7	16.1	16.1	16.4	16.6	16.8	17.2	
	4H	11.0	11.3	11.4	11.7	12.1	11.6	11.9	12.0	12.3	12.7	
	6H	13.4	13.7	13.9	14.1	14.5	14.2	14.5	14.7	14.9	15.3	
	8H	14.9	15.1	15.3	15.5	16.0	15.8	16.0	16.2	16.4	16.9	
12H	12H	16.5	16.7	17.0	17.1	17.6	17.5	17.7	18.0	18.1	18.6	
	4H	11.3	11.5	11.7	11.9	12.4	11.8	12.1	12.2	12.5	12.9	
	6H	13.8	14.0	14.3	14.5	14.9	14.5	14.7	15.0	15.1	15.6	
8H	15.4	15.5	15.8	16.0	16.5	16.1	16.3	16.6	16.8	17.3		
Variation of the observer position for the luminaire distances S												
S = 1.0H		+0.2 / -0.1					+0.2 / -0.1					
S = 1.5H		+0.3 / -0.3					+0.3 / -0.3					
S = 2.0H		+0.5 / -0.5					+0.5 / -0.5					
Standard table		---					---					
Correction		---					---					
Summand		---					---					
Corrected Glare Indices referring to 1250lm Total Luminous Flux												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 5 SPOT 2700K N
Reference	A3184110N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

PRODUCT

Light source	LED
Gross luminous flux	950 Lm
Power	10,5 W
Power values of the system	11,67 W
Colour temperature	2700 K
Colour Rendering Index	CRI>90
Chromatic stability	MacAdam Step 3
Light beam angle	19°
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

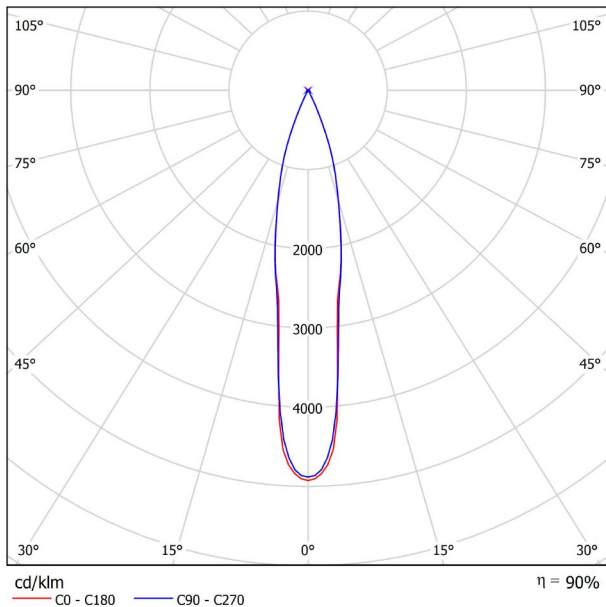
Ingress Protection	IP20
Recess measurements	50 × 222 mm.
Weight	470 g.
Packaged weight	585 g.
Packaging dimensions	295 × 155 × 73 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

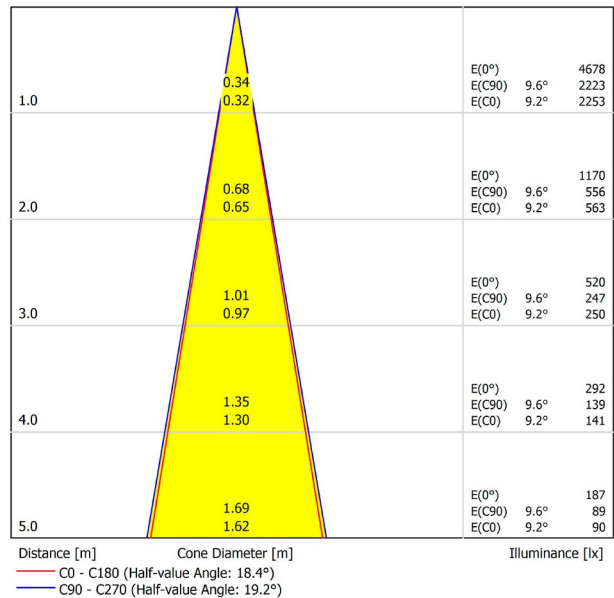


Black Foster is the product that transfers the claimed effect "The Invisible Black" to a recessed-isolated lineal luminary; also available in trimless version. If we take a closer view to the recessed model, its bezel is so thin than when lighted up, it is unperceived; offering an aesthetic of "visual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

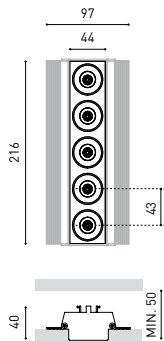


UGR

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	1.9	2.6	2.1	2.8	3.0	2.7	3.4	3.0	3.6	3.8	
	3H	5.4	6.0	5.7	6.2	6.5	6.6	7.3	6.9	7.5	7.7	
	4H	7.4	7.9	7.7	8.2	8.4	8.5	9.1	8.8	9.3	9.6	
	6H	9.6	10.1	9.9	10.4	10.7	10.8	11.3	11.1	11.6	11.9	
	8H	10.7	11.2	11.1	11.5	11.8	12.0	12.5	12.3	12.8	13.1	
4H	12H	12.1	12.6	12.5	12.9	13.2	13.4	13.9	13.8	14.2	14.5	
	2H	3.3	3.8	3.6	4.1	4.3	3.8	4.4	4.1	4.6	4.9	
	3H	7.0	7.5	7.3	7.8	8.1	7.9	8.3	8.2	8.6	9.0	
	4H	9.1	9.5	9.4	9.8	10.2	9.9	10.3	10.3	10.6	11.0	
	6H	11.4	11.7	11.8	12.1	12.5	12.3	12.7	12.7	13.0	13.4	
8H	8H	12.6	12.9	13.0	13.3	13.7	13.6	14.0	14.1	14.3	14.7	
	12H	14.1	14.3	14.5	14.7	15.1	15.2	15.5	15.6	15.9	16.3	
	4H	10.0	10.3	10.4	10.7	11.1	10.7	11.0	11.1	11.3	11.7	
	6H	12.5	12.7	12.9	13.1	13.6	13.3	13.5	13.7	13.9	14.4	
	8H	13.9	14.1	14.4	14.6	15.0	14.8	15.0	15.3	15.4	15.9	
12H	12H	15.6	15.7	16.0	16.2	16.7	16.6	16.7	17.0	17.2	17.7	
	4H	10.3	10.6	10.7	11.0	11.4	10.8	11.1	11.3	11.5	11.9	
	6H	12.9	13.1	13.3	13.5	14.0	13.5	13.7	14.0	14.2	14.7	
	8H	14.4	14.6	14.9	15.0	15.5	15.2	15.4	15.7	15.8	16.3	
	Variation of the observer position for the luminaire distances S											
S = 1.0H		+0.2 / -0.1					+0.2 / -0.1					
S = 1.5H		+0.3 / -0.3					+0.3 / -0.3					
S = 2.0H		+0.5 / -0.5					+0.5 / -0.5					
Standard table		---					---					
Correction Summand		---					---					
Corrected Glare Indices referring to 950lm Total Luminous Flux												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 5 SPOT 2700K NMG
Reference	A3184110NMG
Color	Matt black-Metallized gold
RAL	Metalllic finish
Category	CEILING RECESSED

PRODUCT

Light source	LED
Gross luminous flux	950 Lm
Power	10,5 W
Power values of the system	11,93 W
Colour temperature	2700 K
Colour Rendering Index	CRI>90
Chromatic stability	MacAdam Step 3
Light beam angle	19°
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

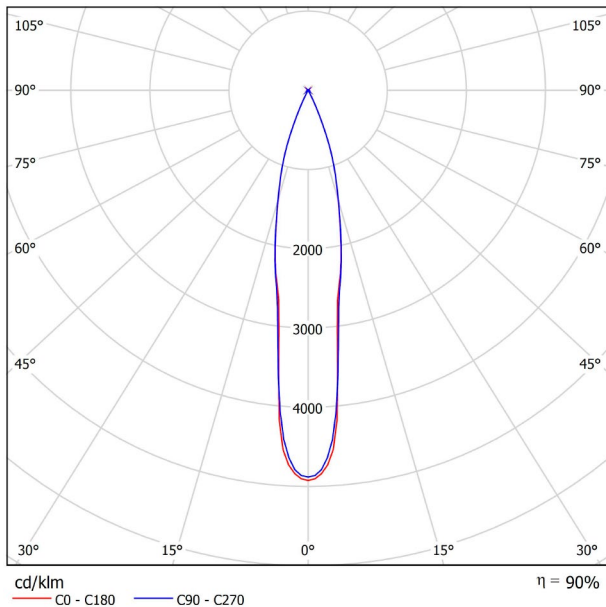
OTHER DATA

Ingress Protection	IP20
Recess measurements	50 × 222 mm.
Weight	470 g.
Packaged weight	585 g.
Packaging dimensions	295 × 155 × 73 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

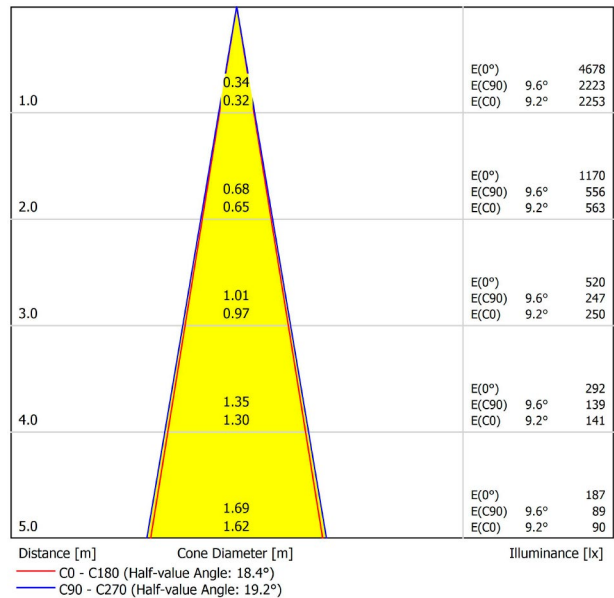


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POLAR DIAGRAM



CONICAL DIAGRAM

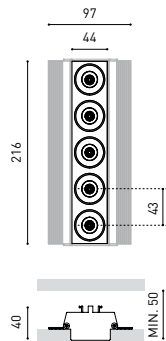


UGR

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	1.9	2.6	2.1	2.8	3.0	2.7	3.4	3.0	3.6	3.8	
	3H	5.4	6.0	5.7	6.2	6.5	6.6	7.3	6.9	7.5	7.7	
	4H	7.4	7.9	7.7	8.2	8.4	8.5	9.1	8.8	9.3	9.6	
	6H	9.6	10.1	9.9	10.4	10.7	10.8	11.3	11.1	11.6	11.9	
	8H	10.7	11.2	11.1	11.5	11.8	12.0	12.5	12.3	12.8	13.1	
4H	12H	12.1	12.6	12.5	12.9	13.2	13.4	13.9	13.8	14.2	14.5	
	2H	3.3	3.8	3.6	4.1	4.3	3.8	4.4	4.1	4.6	4.9	
	3H	7.0	7.5	7.3	7.8	8.1	7.9	8.3	8.2	8.6	9.0	
	4H	9.1	9.5	9.4	9.8	10.2	9.9	10.3	10.3	10.6	11.0	
	6H	11.4	11.7	11.8	12.1	12.5	12.3	12.7	12.7	13.0	13.4	
8H	8H	12.6	12.9	13.0	13.3	13.7	13.6	14.0	14.1	14.3	14.7	
	12H	14.1	14.3	14.5	14.7	15.1	15.2	15.5	15.6	15.9	16.3	
	4H	10.0	10.3	10.4	10.7	11.1	10.7	11.0	11.1	11.3	11.7	
	6H	12.5	12.7	12.9	13.1	13.6	13.3	13.5	13.7	13.9	14.4	
	8H	13.9	14.1	14.4	14.6	15.0	14.8	15.0	15.3	15.4	15.9	
12H	12H	15.6	15.7	16.0	16.2	16.7	16.6	16.7	17.0	17.2	17.7	
	4H	10.3	10.6	10.7	11.0	11.4	10.8	11.1	11.3	11.5	11.9	
	6H	12.9	13.1	13.3	13.5	14.0	13.5	13.7	14.0	14.2	14.7	
	8H	14.4	14.6	14.9	15.0	15.5	15.2	15.4	15.7	15.8	16.3	
	Variation of the observer position for the luminaire distances S											
S = 1.0H		+0.2 / -0.1					+0.2 / -0.1					
S = 1.5H		+0.3 / -0.3					+0.3 / -0.3					
S = 2.0H		+0.5 / -0.5					+0.5 / -0.5					
Standard table		---					---					
Correction Summand		---					---					
Corrected Glare Indices referring to 950lm Total Luminous Flux												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 5 SPOT 3000K N
Reference	A3184111N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

PRODUCT

Light source	LED
Gross luminous flux	1050 Lm
Power	10,5 W
Power values of the system	11,67 W
Colour temperature	3000 K
Colour Rendering Index	CRI>90
Chromatic stability	MacAdam Step 3
Light beam angle	19°
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

LIGHTING INFORMATION

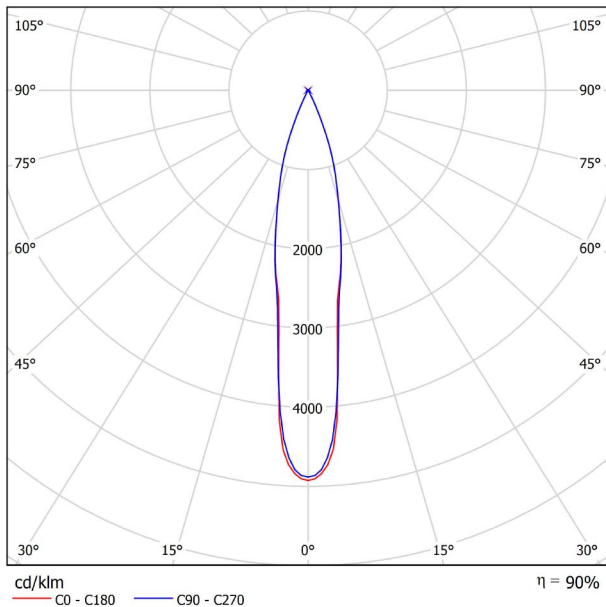
Ingress Protection	IP20
Recess measurements	50 × 222 mm.
Weight	470 g.
Packaged weight	585 g.
Packaging dimensions	295 × 155 × 73 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

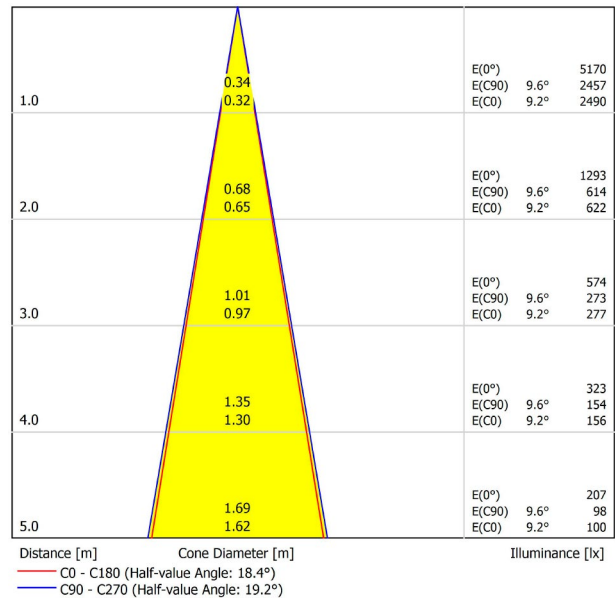


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POLAR DIAGRAM



CONICAL DIAGRAM

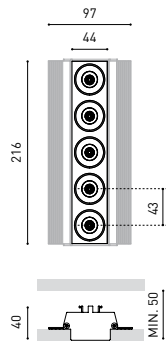


UGR

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	2.2	2.9	2.5	3.1	3.3	3.1	3.8	3.3	3.9	4.1
	3H	5.7	6.3	6.0	6.6	6.8	7.0	7.6	7.3	7.8	8.1
	4H	7.7	8.3	8.0	8.5	8.8	8.8	9.4	9.1	9.7	9.9
	6H	9.9	10.5	10.3	10.7	11.0	11.1	11.6	11.4	11.9	12.2
	8H	11.1	11.6	11.4	11.9	12.2	12.3	12.9	12.7	13.1	13.4
4H	12H	12.5	13.0	12.8	13.3	13.6	13.8	14.3	14.1	14.6	14.9
	2H	3.6	4.2	3.9	4.4	4.7	4.2	4.7	4.5	5.0	5.3
	3H	7.3	7.8	7.7	8.1	8.4	8.2	8.7	8.5	9.0	9.3
	4H	9.4	9.8	9.8	10.2	10.5	10.2	10.6	10.6	11.0	11.3
	6H	11.7	12.1	12.1	12.4	12.8	12.7	13.0	13.1	13.4	13.7
8H	8H	12.9	13.2	13.3	13.6	14.0	14.0	14.3	14.4	14.7	15.1
	12H	14.4	14.7	14.8	15.1	15.5	15.5	15.8	16.0	16.2	16.6
	4H	10.4	10.7	10.8	11.1	11.5	11.0	11.3	11.4	11.7	12.1
	6H	12.8	13.1	13.3	13.5	13.9	13.6	13.9	14.1	14.3	14.7
	8H	14.3	14.5	14.7	14.9	15.4	15.2	15.3	15.6	15.8	16.3
12H	12H	15.9	16.1	16.4	16.5	17.0	16.9	17.1	17.4	17.5	18.0
	4H	10.7	10.9	11.1	11.3	11.7	11.2	11.5	11.6	11.9	12.3
	6H	13.2	13.4	13.7	13.8	14.3	13.9	14.1	14.4	14.5	15.0
	8H	14.8	14.9	15.2	15.4	15.9	15.5	15.7	16.0	16.2	16.7
	Variation of the observer position for the luminaire distances S										
S = 1.0H S = 1.5H S = 2.0H		+0.2 / -0.1 +0.3 / -0.3 +0.5 / -0.5					+0.2 / -0.1 +0.3 / -0.3 +0.5 / -0.5				
Standard table		---					---				
Correction		---					---				
Summand		---					---				
Corrected Glare Indices referring to 1050lm Total Luminous Flux											



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 5 SPOT 3000K NMG
Reference	A3184111NMG
Color	Matt black-Metallized gold
RAL	Metalllic finish
Category	CEILING RECESSED

PRODUCT

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	MacAdam Step 3
Light beam angle	19°
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

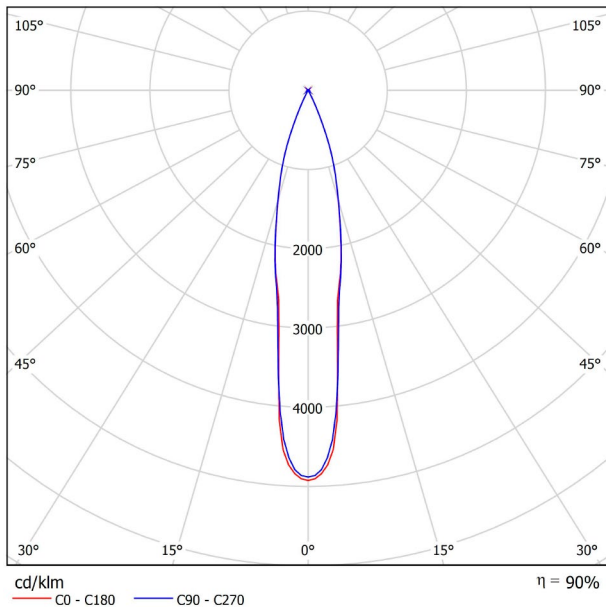
OTHER DATA

Ingress Protection	IP20
Recess measurements	50 × 222 mm.
Weight	470 g.
Packaged weight	585 g.
Packaging dimensions	295 × 155 × 73 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

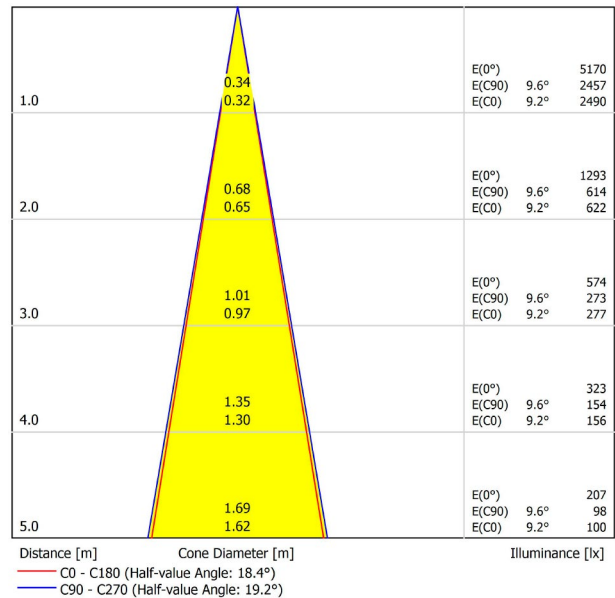


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POLAR DIAGRAM



CONICAL DIAGRAM

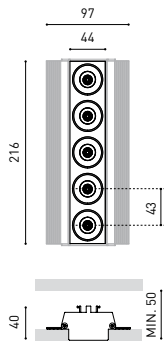


UGR

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	2.2	2.9	2.5	3.1	3.3	3.1	3.8	3.3	3.9	4.1	
	3H	5.7	6.3	6.0	6.6	6.8	7.0	7.6	7.3	7.8	8.1	
	4H	7.7	8.3	8.0	8.5	8.8	8.8	9.4	9.1	9.7	9.9	
	6H	9.9	10.5	10.3	10.7	11.0	11.1	11.6	11.4	11.9	12.2	
	8H	11.1	11.6	11.4	11.9	12.2	12.3	12.9	12.7	13.1	13.4	
4H	12H	12.5	13.0	12.8	13.3	13.6	13.8	14.3	14.1	14.6	14.9	
	2H	3.6	4.2	3.9	4.4	4.7	4.2	4.7	4.5	5.0	5.3	
	3H	7.3	7.8	7.7	8.1	8.4	8.2	8.7	8.5	9.0	9.3	
	4H	9.4	9.8	9.8	10.2	10.5	10.2	10.6	10.6	11.0	11.3	
	6H	11.7	12.1	12.1	12.4	12.8	12.7	13.0	13.1	13.4	13.7	
8H	8H	12.9	13.2	13.3	13.6	14.0	14.0	14.3	14.4	14.7	15.1	
	12H	14.4	14.7	14.8	15.1	15.5	15.5	15.8	16.0	16.2	16.6	
	4H	10.4	10.7	10.8	11.1	11.5	11.0	11.3	11.4	11.7	12.1	
	6H	12.8	13.1	13.3	13.5	13.9	13.6	13.9	14.1	14.3	14.7	
	8H	14.3	14.5	14.7	14.9	15.4	15.2	15.3	15.6	15.8	16.3	
12H	12H	15.9	16.1	16.4	16.5	17.0	16.9	17.1	17.4	17.5	18.0	
	4H	10.7	10.9	11.1	11.3	11.7	11.2	11.5	11.6	11.9	12.3	
	6H	13.2	13.4	13.7	13.8	14.3	13.9	14.1	14.4	14.5	15.0	
	8H	14.8	14.9	15.2	15.4	15.9	15.5	15.7	16.0	16.2	16.7	
	Variation of the observer position for the luminaire distances S											
S = 1.0H		+0.2 / -0.1					+0.2 / -0.1					
S = 1.5H		+0.3 / -0.3					+0.3 / -0.3					
S = 2.0H		+0.5 / -0.5					+0.5 / -0.5					
Standard table		---					---					
Correction		---					---					
Summand		---					---					
Corrected Glare Indices referring to 1050lm Total Luminous Flux												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 5 SPOT 4000K N
Reference	A3184112N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

PRODUCT

Light source	LED
Gross luminous flux	1250 Lm
Power	10,5 W
Power values of the system	11,67 W
Colour temperature	4000 K
Colour Rendering Index	CRI>90
Chromatic stability	MacAdam Step 3
Light beam angle	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

LIGHTING INFORMATION

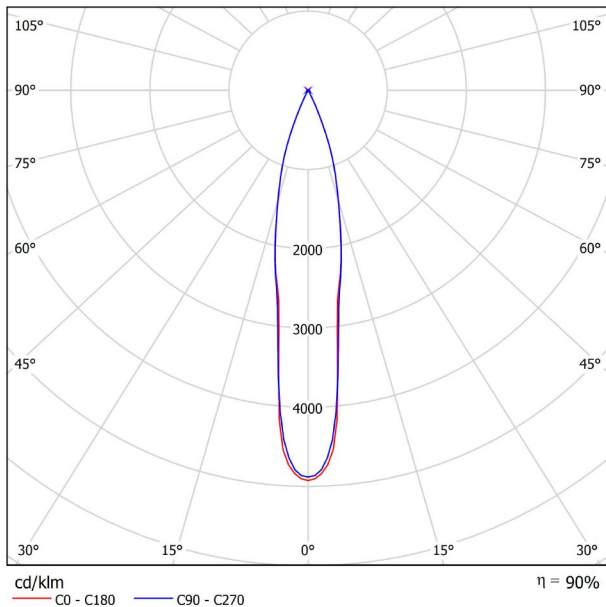
Ingress Protection	IP20
Recess measurements	50 × 222 mm.
Weight	470 g.
Packaged weight	585 g.
Packaging dimensions	295 × 155 × 73 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

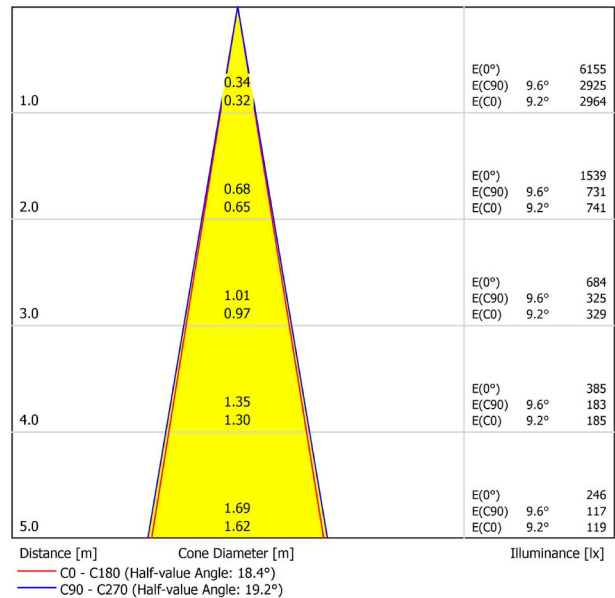


Black Foster is the product that transfers the claimed effect "The Invisible Black" to a recessed-isolated lineal luminary; also available in trimless version. If we take a closer view to the recessed model, its bezel is so thin than when lighted up, it is unperceived; offering an aesthetic of "visual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

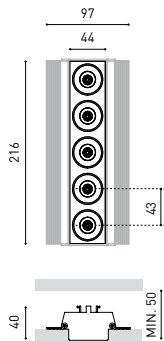


UGR

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	2.9	3.5	3.1	3.7	3.9	3.7	4.4	3.9	4.6	4.7	
	3H	6.3	7.0	6.6	7.2	7.4	7.6	8.2	7.9	8.4	8.7	
	4H	8.3	8.9	8.6	9.1	9.4	9.4	10.0	9.7	10.3	10.5	
	6H	10.5	11.1	10.9	11.4	11.6	11.7	12.3	12.0	12.5	12.8	
	8H	11.7	12.2	12.0	12.5	12.8	13.0	13.5	13.3	13.8	14.0	
4H	12H	13.1	13.6	13.4	13.9	14.2	14.4	14.9	14.7	15.2	15.5	
	2H	4.2	4.8	4.5	5.0	5.3	4.8	5.4	5.1	5.6	5.9	
	3H	7.9	8.4	8.3	8.7	9.0	8.8	9.3	9.2	9.6	9.9	
	4H	10.0	10.4	10.4	10.8	11.1	10.8	11.3	11.2	11.6	11.9	
	6H	12.3	12.7	12.7	13.0	13.4	13.3	13.6	13.7	14.0	14.4	
8H	8H	13.5	13.8	13.9	14.2	14.6	14.6	14.9	15.0	15.3	15.7	
	12H	15.0	15.3	15.4	15.7	16.1	16.1	16.4	16.6	16.8	17.2	
	4H	11.0	11.3	11.4	11.7	12.1	11.6	11.9	12.0	12.3	12.7	
	6H	13.4	13.7	13.9	14.1	14.5	14.2	14.5	14.7	14.9	15.3	
	8H	14.9	15.1	15.3	15.5	16.0	15.8	16.0	16.2	16.4	16.9	
12H	12H	16.5	16.7	17.0	17.1	17.6	17.5	17.7	18.0	18.1	18.6	
	4H	11.3	11.5	11.7	11.9	12.4	11.8	12.1	12.2	12.5	12.9	
	6H	13.8	14.0	14.3	14.5	14.9	14.5	14.7	15.0	15.1	15.6	
	8H	15.4	15.5	15.8	16.0	16.5	16.1	16.3	16.6	16.8	17.3	
	Variation of the observer position for the luminaire distances S											
S = 1.0H		+0.2 / -0.1					+0.2 / -0.1					
S = 1.5H		+0.3 / -0.3					+0.3 / -0.3					
S = 2.0H		+0.5 / -0.5					+0.5 / -0.5					
Standard table		---					---					
Correction		---					---					
Summand		---					---					
Corrected Glare Indices referring to 1250lm Total Luminous Flux												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 5 SPOT 4000K NMG
Reference	A3184112NMG
Color	Matt black-Metallized gold
RAL	Metalllic finish
Category	CEILING RECESSED

PRODUCT

LIGHTING INFORMATION

Light source	LED
Gross luminous flux	1250 Lm
Power	10,5 W
Power values of the system	11,93 W
Colour temperature	4000 K
Colour Rendering Index	CRI>90
Chromatic stability	MacAdam Step 3
Light beam angle	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

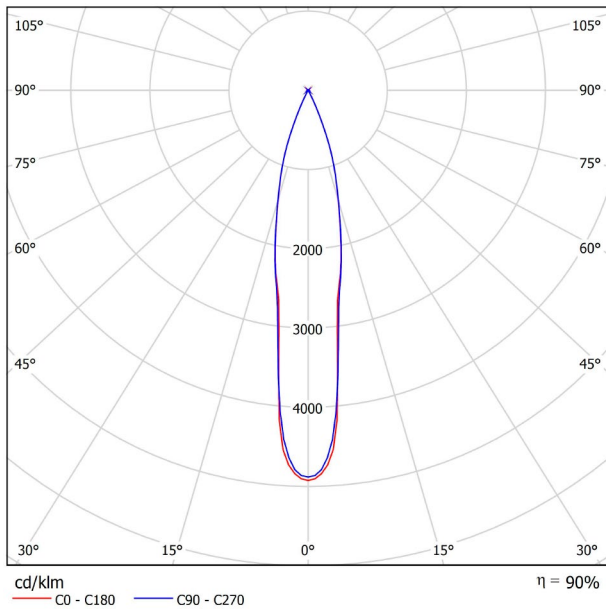
OTHER DATA

Ingress Protection	IP20
Recess measurements	50 × 222 mm.
Weight	470 g.
Packaged weight	585 g.
Packaging dimensions	295 × 155 × 73 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

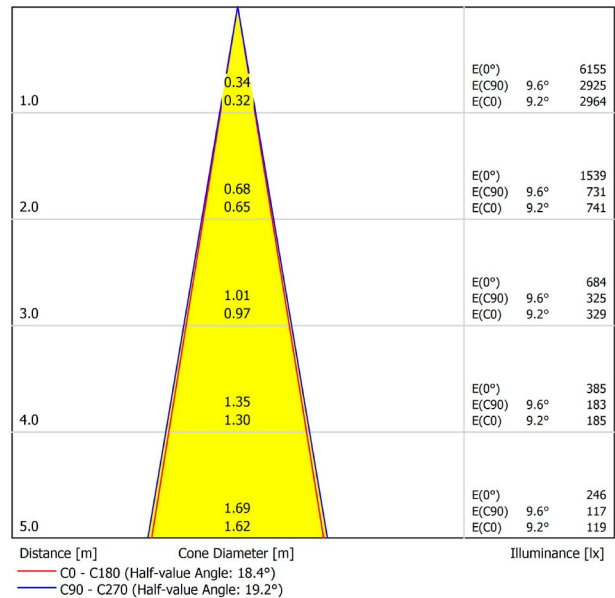


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POLAR DIAGRAM



CONICAL DIAGRAM

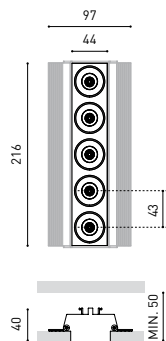


UGR

Glare Evaluation According to UGR												
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	2.9	3.5	3.1	3.7	3.9	3.7	4.4	3.9	4.6	4.7	
	3H	6.3	7.0	6.6	7.2	7.4	7.6	8.2	7.9	8.4	8.7	
	4H	8.3	8.9	8.6	9.1	9.4	9.4	10.0	9.7	10.3	10.5	
	6H	10.5	11.1	10.9	11.4	11.6	11.7	12.3	12.0	12.5	12.8	
	8H	11.7	12.2	12.0	12.5	12.8	13.0	13.5	13.3	13.8	14.0	
4H	12H	13.1	13.6	13.4	13.9	14.2	14.4	14.9	14.7	15.2	15.5	
	2H	4.2	4.8	4.5	5.0	5.3	4.8	5.4	5.1	5.6	5.9	
	3H	7.9	8.4	8.3	8.7	9.0	8.8	9.3	9.2	9.6	9.9	
	4H	10.0	10.4	10.4	10.8	11.1	10.8	11.3	11.2	11.6	11.9	
	6H	12.3	12.7	12.7	13.0	13.4	13.3	13.6	13.7	14.0	14.4	
8H	8H	13.5	13.8	13.9	14.2	14.6	14.6	14.9	15.0	15.3	15.7	
	12H	15.0	15.3	15.4	15.7	16.1	16.1	16.4	16.6	16.8	17.2	
	4H	11.0	11.3	11.4	11.7	12.1	11.6	11.9	12.0	12.3	12.7	
	6H	13.4	13.7	13.9	14.1	14.5	14.2	14.5	14.7	14.9	15.3	
	8H	14.9	15.1	15.3	15.5	16.0	15.8	16.0	16.2	16.4	16.9	
12H	12H	16.5	16.7	17.0	17.1	17.6	17.5	17.7	18.0	18.1	18.6	
	4H	11.3	11.5	11.7	11.9	12.4	11.8	12.1	12.2	12.5	12.9	
	6H	13.8	14.0	14.3	14.5	14.9	14.5	14.7	15.0	15.1	15.6	
	8H	15.4	15.5	15.8	16.0	16.5	16.1	16.3	16.6	16.8	17.3	
	Variation of the observer position for the luminaire distances S											
S = 1.0H		+0.2 / -0.1					+0.2 / -0.1					
S = 1.5H		+0.3 / -0.3					+0.3 / -0.3					
S = 2.0H		+0.5 / -0.5					+0.5 / -0.5					
Standard table		---					---					
Correction		---					---					
Summand												
Corrected Glare Indices referring to 1250lm Total Luminous Flux												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 5 SPOT DIM PUSH 2700K N
Reference	A3184120N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

PRODUCT

Light source	LED
Gross luminous flux	950 Lm
Power	10,5 W
Power values of the system	11,93 W
Colour temperature	2700 K
Colour Rendering Index	CRI>90
Chromatic stability	MacAdam Step 3
Light beam angle	19°
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

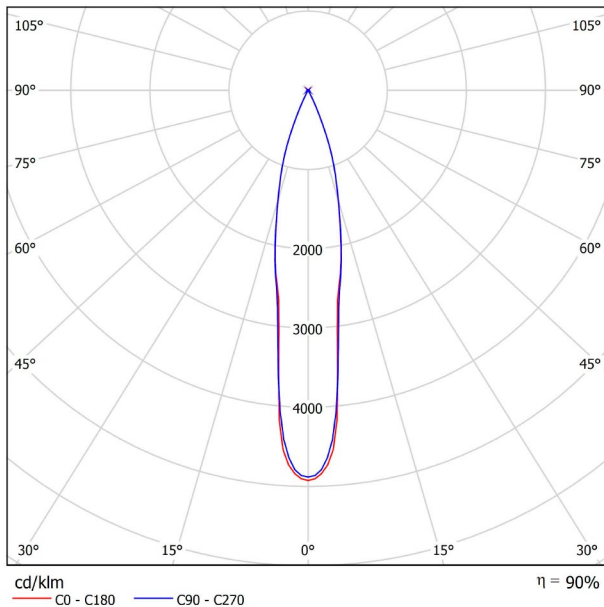
Ingress Protection	IP20
Recess measurements	50 × 222 mm.
Weight	480 g.
Packaged weight	595 g.
Packaging dimensions	295 × 155 × 73 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

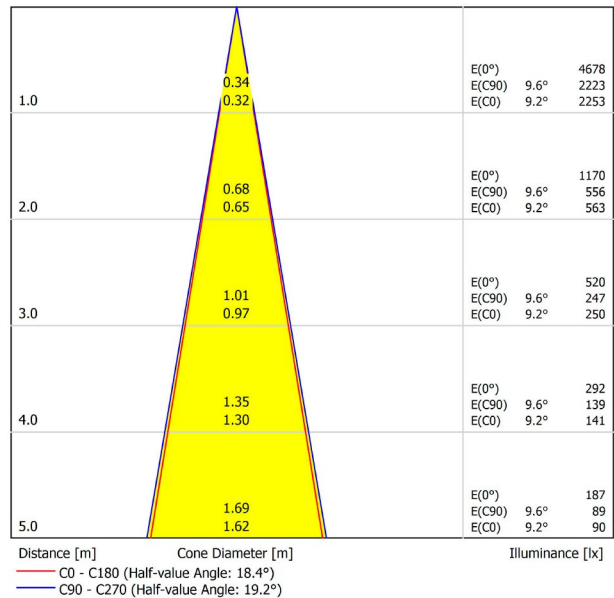


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POLAR DIAGRAM



CONICAL DIAGRAM

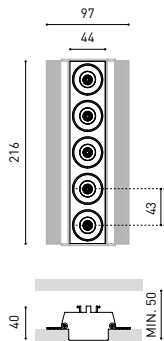


UGR

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	1.9	2.6	2.1	2.8	3.0	2.7	3.4	3.0	3.6	3.8	
	3H	5.4	6.0	5.7	6.2	6.5	6.6	7.3	6.9	7.5	7.7	
	4H	7.4	7.9	7.7	8.2	8.4	8.5	9.1	8.8	9.3	9.6	
	6H	9.6	10.1	9.9	10.4	10.7	10.8	11.3	11.1	11.6	11.9	
	8H	10.7	11.2	11.1	11.5	11.8	12.0	12.5	12.3	12.8	13.1	
4H	12H	12.1	12.6	12.5	12.9	13.2	13.4	13.9	13.8	14.2	14.5	
	2H	3.3	3.8	3.6	4.1	4.3	3.8	4.4	4.1	4.6	4.9	
	3H	7.0	7.5	7.3	7.8	8.1	7.9	8.3	8.2	8.6	9.0	
	4H	9.1	9.5	9.4	9.8	10.2	9.9	10.3	10.3	10.6	11.0	
	6H	11.4	11.7	11.8	12.1	12.5	12.3	12.7	12.7	13.0	13.4	
8H	8H	12.6	12.9	13.0	13.3	13.7	13.6	14.0	14.1	14.3	14.7	
	12H	14.1	14.3	14.5	14.7	15.1	15.2	15.5	15.6	15.9	16.3	
	12H	4H	10.0	10.3	10.4	10.7	11.1	10.7	11.0	11.1	11.3	11.7
6H		12.5	12.7	12.9	13.1	13.6	13.3	13.5	13.7	13.9	14.4	
8H		13.9	14.1	14.4	14.6	15.0	14.8	15.0	15.3	15.4	15.9	
12H	12H	15.6	15.7	16.0	16.2	16.7	16.6	16.7	17.0	17.2	17.7	
	4H	10.3	10.6	10.7	11.0	11.4	10.8	11.1	11.3	11.5	11.9	
	6H	12.9	13.1	13.3	13.5	14.0	13.5	13.7	14.0	14.2	14.7	
12H	8H	14.4	14.6	14.9	15.0	15.5	15.2	15.4	15.7	15.8	16.3	
	Variation of the observer position for the luminaire distances S											
	S = 1.0H		+0.2 / -0.1					+0.2 / -0.1				
S = 1.5H		+0.3 / -0.3					+0.3 / -0.3					
S = 2.0H		+0.5 / -0.5					+0.5 / -0.5					
Standard table		---					---					
Correction		---					---					
Summand		---					---					
Corrected Glare Indices referring to 950lm Total Luminous Flux												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 5 SPOT DIM PUSH 2700K NMG
Reference	A3184120NMG
Color	Matt black-Metallized gold
RAL	Metalllic finish
Category	CEILING RECESSED

PRODUCT

LIGHTING INFORMATION

Light source	LED
Gross luminous flux	950 Lm
Power	10,5 W
Power values of the system	11,93 W
Colour temperature	2700 K
Colour Rendering Index	CRI>90
Chromatic stability	MacAdam Step 3
Light beam angle	19°
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

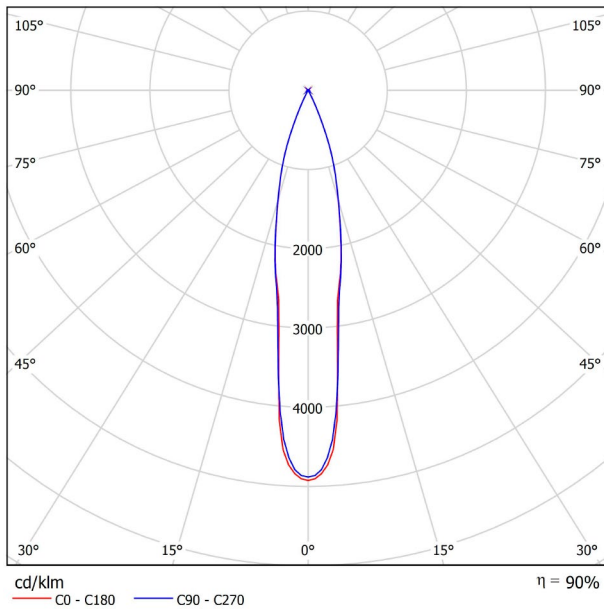
OTHER DATA

Ingress Protection	IP20
Recess measurements	50 × 222 mm.
Weight	480 g.
Packaged weight	595 g.
Packaging dimensions	295 × 155 × 73 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

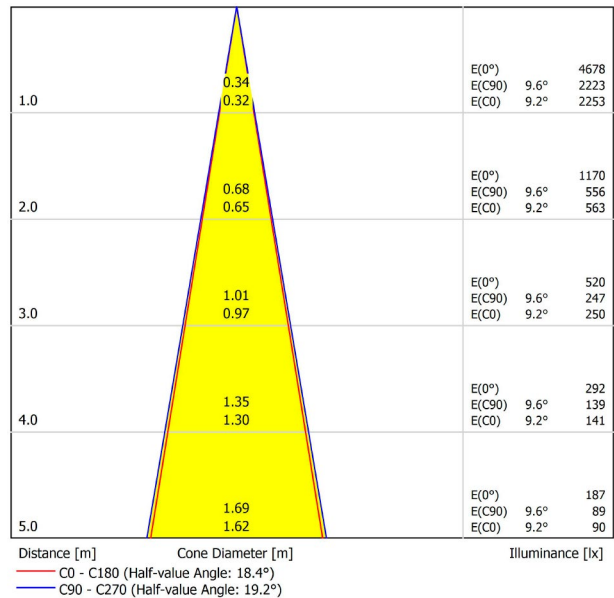


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POLAR DIAGRAM



CONICAL DIAGRAM

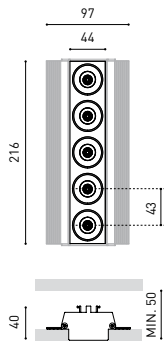


UGR

Glare Evaluation According to UGR												
ρ Ceiling		70	70	50	50	30	70	70	50	50	30	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	1.9	2.6	2.1	2.8	3.0	2.7	3.4	3.0	3.6	3.8	
	3H	5.4	6.0	5.7	6.2	6.5	6.6	7.3	6.9	7.5	7.7	
	4H	7.4	7.9	7.7	8.2	8.4	8.5	9.1	8.8	9.3	9.6	
	6H	9.6	10.1	9.9	10.4	10.7	10.8	11.3	11.1	11.6	11.9	
	8H	10.7	11.2	11.1	11.5	11.8	12.0	12.5	12.3	12.8	13.1	
4H	12H	12.1	12.6	12.5	12.9	13.2	13.4	13.9	13.8	14.2	14.5	
	2H	3.3	3.8	3.6	4.1	4.3	3.8	4.4	4.1	4.6	4.9	
	3H	7.0	7.5	7.3	7.8	8.1	7.9	8.3	8.2	8.6	9.0	
	4H	9.1	9.5	9.4	9.8	10.2	9.9	10.3	10.3	10.6	11.0	
	6H	11.4	11.7	11.8	12.1	12.5	12.3	12.7	12.7	13.0	13.4	
8H	8H	12.6	12.9	13.0	13.3	13.7	13.6	14.0	14.1	14.3	14.7	
	12H	14.1	14.3	14.5	14.7	15.1	15.2	15.5	15.6	15.9	16.3	
	4H	10.0	10.3	10.4	10.7	11.1	10.7	11.0	11.1	11.3	11.7	
	6H	12.5	12.7	12.9	13.1	13.6	13.3	13.5	13.7	13.9	14.4	
	8H	13.9	14.1	14.4	14.6	15.0	14.8	15.0	15.3	15.4	15.9	
12H	12H	15.6	15.7	16.0	16.2	16.7	16.6	16.7	17.0	17.2	17.7	
	4H	10.3	10.6	10.7	11.0	11.4	10.8	11.1	11.3	11.5	11.9	
	6H	12.9	13.1	13.3	13.5	14.0	13.5	13.7	14.0	14.2	14.7	
	8H	14.4	14.6	14.9	15.0	15.5	15.2	15.4	15.7	15.8	16.3	
	Variation of the observer position for the luminaire distances S											
S = 1.0H		+0.2 / -0.1					+0.2 / -0.1					
S = 1.5H		+0.3 / -0.3					+0.3 / -0.3					
S = 2.0H		+0.5 / -0.5					+0.5 / -0.5					
Standard table		---					---					
Correction		---					---					
Summand		---					---					
Corrected Glare Indices referring to 950lm Total Luminous Flux												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 5 SPOT DIM PUSH 3000K N
Reference	A3184121N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

PRODUCT

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	MacAdam Step 3
Light beam angle	19°
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

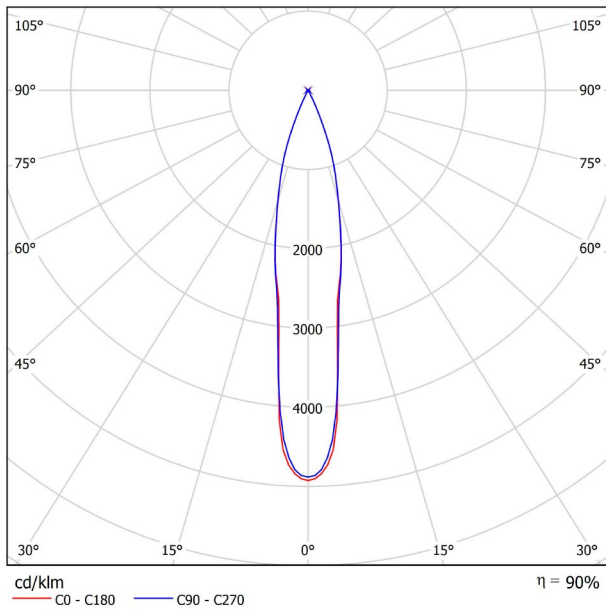
OTHER DATA

Ingress Protection	IP20
Recess measurements	50 × 222 mm.
Weight	480 g.
Packaged weight	595 g.
Packaging dimensions	295 × 155 × 73 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

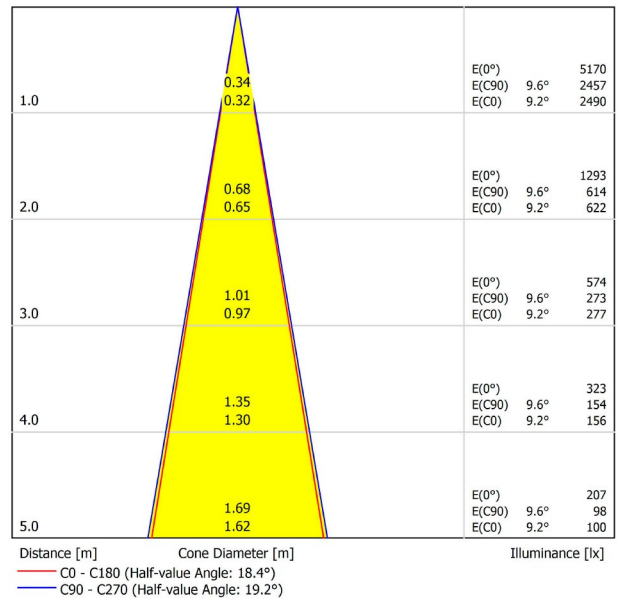


Black Foster is the product that transfers the claimed effect "The Invisible Black" to a recessed-isolated lineal luminary; also available in trimless version. If we take a closer view to the recessed model, its bezel is so thin than when lighted up, it is unperceived; offering an aesthetic of "visual 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	50	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	2.2	2.9	2.5	3.1	3.3	3.1	3.8	3.3	3.9	4.1	
	3H	5.7	6.3	6.0	6.6	6.8	7.0	7.6	7.3	7.8	8.1	
	4H	7.7	8.3	8.0	8.5	8.8	8.8	9.4	9.1	9.7	9.9	
	6H	9.9	10.5	10.3	10.7	11.0	11.1	11.6	11.4	11.9	12.2	
	8H	11.1	11.6	11.4	11.9	12.2	12.3	12.9	12.7	13.1	13.4	
	12H	12.5	13.0	12.8	13.3	13.6	13.8	14.3	14.1	14.6	14.9	
4H	2H	3.6	4.2	3.9	4.4	4.7	4.2	4.7	4.5	5.0	5.3	
	3H	7.3	7.8	7.7	8.1	8.4	8.2	8.7	8.5	9.0	9.3	
	4H	9.4	9.8	9.8	10.2	10.5	10.2	10.6	10.6	11.0	11.3	
	6H	11.7	12.1	12.1	12.4	12.8	12.7	13.0	13.1	13.4	13.7	
	8H	12.9	13.2	13.3	13.6	14.0	14.0	14.3	14.4	14.7	15.1	
	12H	14.4	14.7	14.8	15.1	15.5	15.5	15.8	16.0	16.2	16.6	
8H	4H	10.4	10.7	10.8	11.1	11.5	11.0	11.3	11.4	11.7	12.1	
	6H	12.8	13.1	13.3	13.5	13.9	13.6	13.9	14.1	14.3	14.7	
	8H	14.3	14.5	14.7	14.9	15.4	15.2	15.3	15.6	15.8	16.3	
	12H	15.9	16.1	16.4	16.5	17.0	16.9	17.1	17.4	17.5	18.0	
12H	4H	10.7	10.9	11.1	11.3	11.7	11.2	11.5	11.6	11.9	12.3	
	6H	13.2	13.4	13.7	13.8	14.3	13.9	14.1	14.4	14.5	15.0	
	8H	14.8	14.9	15.2	15.4	15.9	15.5	15.7	16.0	16.2	16.7	
Variation of the observer position for the luminaire distances S												
S = 1.0H		+0.2 / -0.1					+0.2 / -0.1					
S = 1.5H		+0.3 / -0.3					+0.3 / -0.3					
S = 2.0H		+0.5 / -0.5					+0.5 / -0.5					
Standard table		---					---					
Correction		---					---					
Summand												
Corrected Glare Indices referring to 1050lm Total Luminous Flux												