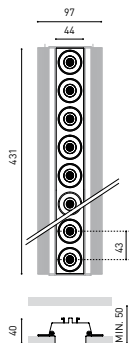




DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 10 SPOT DIM PUSH 3000K N
Reference	A3185121N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

PRODUCT

Light source	LED
Gross luminous flux	2100 Lm
Power	21 W
Power values of the system	23,86 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

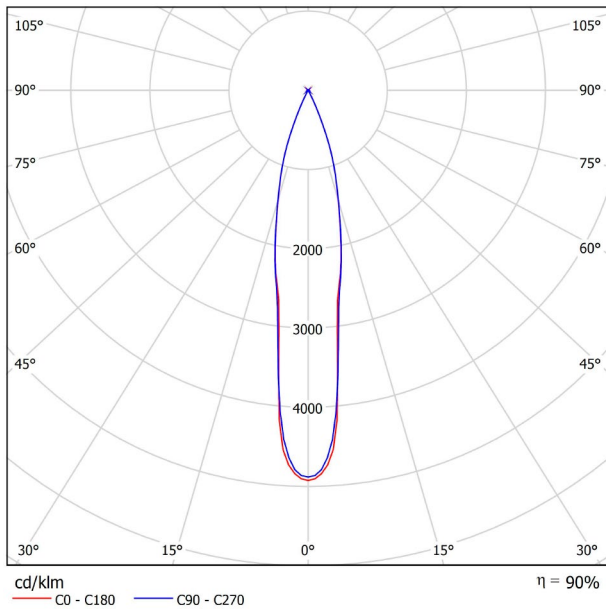
Ingress Protection	IP20
Recess measurements	50 × 437 mm.
Weight	810 g.
Packaged weight	1135 g.
Packaging dimensions	D105 × 580 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

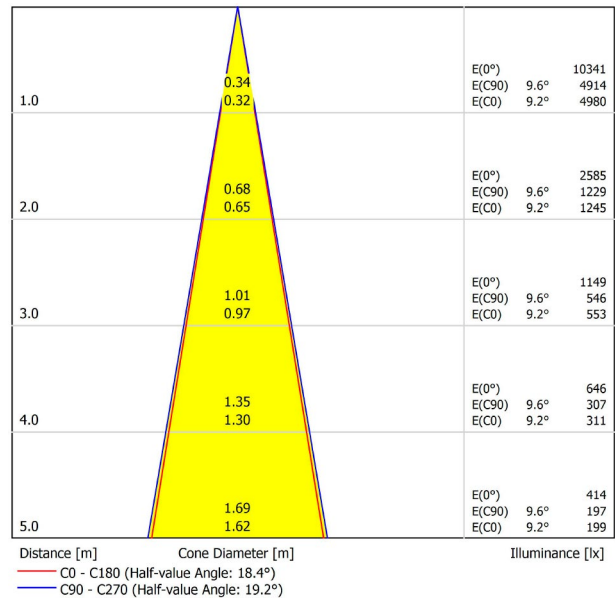


Black Foster is the product that transfers the claimed effect "The Invisible Black" to a recessed-isolated lineal luminary; also available in trimless version. If we take a closer view to the recessed model, its bezel is so thin than when lighted up, it is unperceived; offering an aesthetic of "visual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

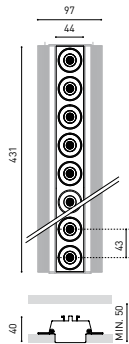


UGR

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	2.2	2.8	2.4	3.0	3.2	3.0	3.7	3.3	3.9	4.1	
	3H	5.7	6.3	5.9	6.5	6.7	6.9	7.5	7.2	7.8	8.0	
	4H	7.6	8.2	7.9	8.5	8.7	8.8	9.3	9.1	9.6	9.8	
	6H	9.9	10.4	10.2	10.7	11.0	11.0	11.6	11.4	11.8	12.1	
	8H	11.0	11.5	11.3	11.8	12.1	12.3	12.8	12.6	13.1	13.4	
4H	12H	12.4	12.9	12.7	13.2	13.5	13.7	14.2	14.0	14.5	14.8	
	2H	3.5	4.1	3.8	4.4	4.6	4.1	4.7	4.4	4.9	5.2	
	3H	7.3	7.7	7.6	8.0	8.4	8.1	8.6	8.5	8.9	9.2	
	4H	9.3	9.8	9.7	10.1	10.4	10.2	10.6	10.5	10.9	11.2	
	6H	11.6	12.0	12.0	12.3	12.7	12.6	12.9	13.0	13.3	13.7	
8H	8H	12.8	13.2	13.3	13.5	13.9	13.9	14.2	14.3	14.6	15.0	
	12H	14.3	14.6	14.8	15.0	15.4	15.5	15.7	15.9	16.1	16.6	
	4H	10.3	10.6	10.7	11.0	11.4	10.9	11.2	11.3	11.6	12.0	
	6H	12.8	13.0	13.2	13.4	13.9	13.5	13.8	14.0	14.2	14.6	
	8H	14.2	14.4	14.7	14.8	15.3	15.1	15.3	15.5	15.7	16.2	
12H	12H	15.8	16.0	16.3	16.5	16.9	16.8	17.0	17.3	17.4	17.9	
	4H	10.6	10.8	11.0	11.2	11.7	11.1	11.4	11.5	11.8	12.2	
	6H	13.1	13.3	13.6	13.8	14.2	13.8	14.0	14.3	14.5	14.9	
	8H	14.7	14.8	15.2	15.3	15.8	15.5	15.6	15.9	16.1	16.6	
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 2100lm Total Luminous Flux												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 10 SPOT DIM PUSH 3000K NMG
Reference	A3185121NMG
Color	Matt black-Metallized gold
RAL	Metalllic finish
Category	CEILING RECESSED

PRODUCT

Light source	LED
Gross luminous flux	2100 Lm
Power	21 W
Power values of the system	23,86 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

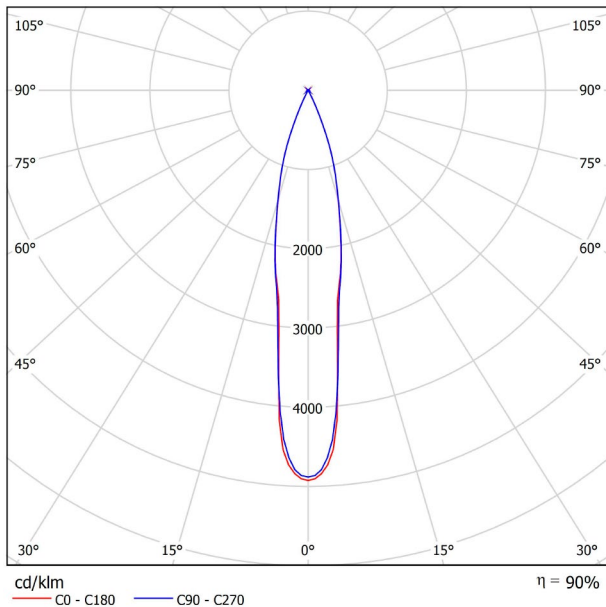
Ingress Protection	IP20
Recess measurements	50 × 437 mm.
Weight	810 g.
Packaged weight	1135 g.
Packaging dimensions	D105 × 580 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

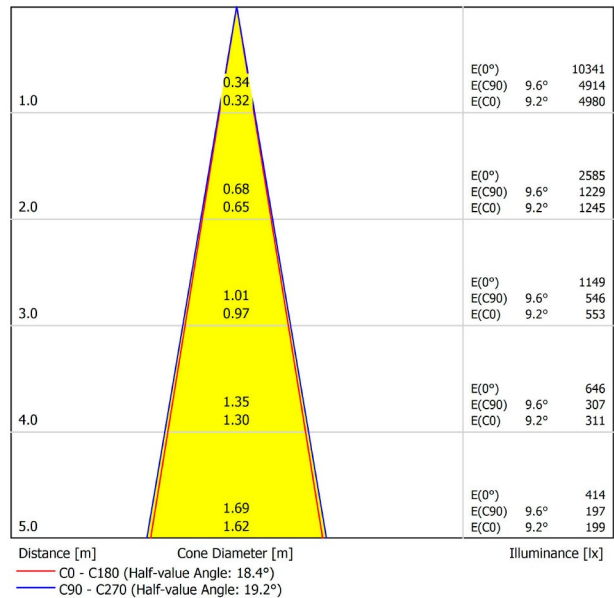


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POLAR DIAGRAM



CONICAL DIAGRAM

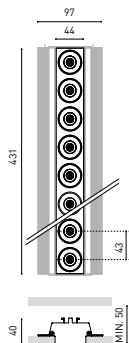


UGR

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	2.8	2.4	3.0	3.2	3.0	3.7	3.3	3.9	4.1		
	3H	5.7	6.3	5.9	6.5	6.7	6.9	7.5	7.2	7.8	8.0		
	4H	7.6	8.2	7.9	8.5	8.7	8.8	9.3	9.1	9.6	9.8		
	6H	9.9	10.4	10.2	10.7	11.0	11.0	11.6	11.4	11.8	12.1		
	8H	11.0	11.5	11.3	11.8	12.1	12.3	12.8	12.6	13.1	13.4		
4H	12H	12.4	12.9	12.7	13.2	13.5	13.7	14.2	14.0	14.5	14.8		
	2H	3.5	4.1	3.8	4.4	4.6	4.1	4.7	4.4	4.9	5.2		
	3H	7.3	7.7	7.6	8.0	8.4	8.1	8.6	8.5	8.9	9.2		
	4H	9.3	9.8	9.7	10.1	10.4	10.2	10.6	10.5	10.9	11.2		
	6H	11.6	12.0	12.0	12.3	12.7	12.6	12.9	13.0	13.3	13.7		
8H	8H	12.8	13.2	13.3	13.5	13.9	13.9	14.2	14.3	14.6	15.0		
	12H	14.3	14.6	14.8	15.0	15.4	15.5	15.7	15.9	16.1	16.6		
	4H	10.3	10.6	10.7	11.0	11.4	10.9	11.2	11.3	11.6	12.0		
	6H	12.8	13.0	13.2	13.4	13.9	13.5	13.8	14.0	14.2	14.6		
	8H	14.2	14.4	14.7	14.8	15.3	15.1	15.3	15.5	15.7	16.2		
12H	12H	15.8	16.0	16.3	16.5	16.9	16.8	17.0	17.3	17.4	17.9		
	4H	10.6	10.8	11.0	11.2	11.7	11.1	11.4	11.5	11.8	12.2		
	6H	13.1	13.3	13.6	13.8	14.2	13.8	14.0	14.3	14.5	14.9		
	8H	14.7	14.8	15.2	15.3	15.8	15.5	15.6	15.9	16.1	16.6		
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 2100lm Total Luminous Flux													



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 10 SPOT DIM PUSH 4000K N
Reference	A3185122N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

PRODUCT

Light source	LED
Gross luminous flux	2500 Lm
Power	21 W
Power values of the system	23,86 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

LIGHTING INFORMATION

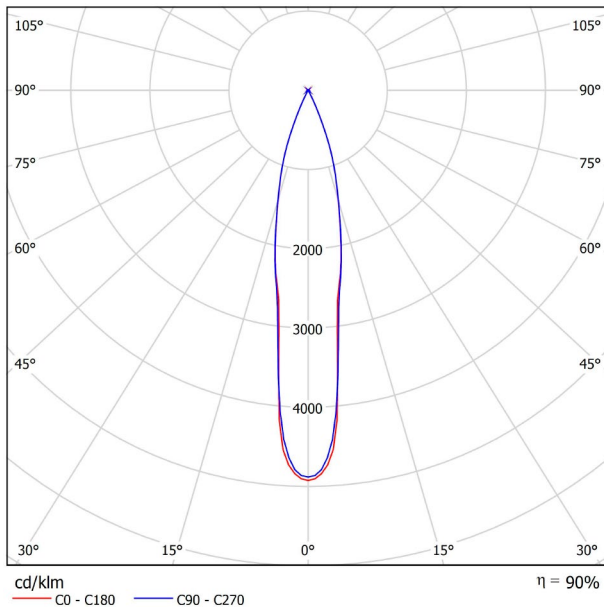
Ingress Protection	IP20
Recess measurements	50 × 437 mm.
Weight	810 g.
Packaged weight	1135 g.
Packaging dimensions	D105 × 580 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

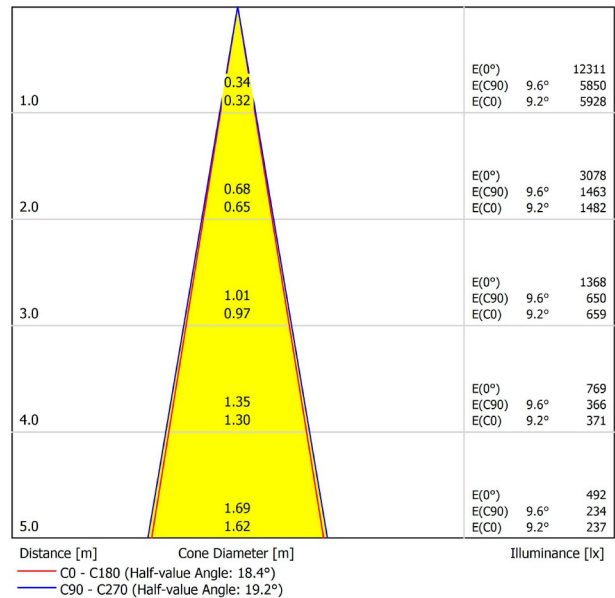


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POLAR DIAGRAM



CONICAL DIAGRAM

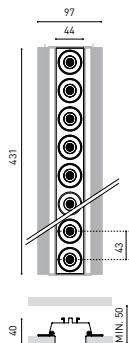


UGR

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	2.8	3.4	3.0	3.6	3.8	3.6	4.3	3.9	4.5	4.7	
	3H	6.3	6.9	6.5	7.1	7.3	7.5	8.1	7.8	8.4	8.6	
	4H	8.2	8.8	8.5	9.1	9.3	9.4	9.9	9.7	10.2	10.4	
	6H	10.5	11.0	10.8	11.3	11.6	11.6	12.2	12.0	12.5	12.7	
	8H	11.6	12.1	11.9	12.4	12.7	12.9	13.4	13.2	13.7	14.0	
	12H	13.0	13.5	13.3	13.8	14.1	14.3	14.8	14.6	15.1	15.4	
4H	2H	4.1	4.7	4.4	5.0	5.2	4.7	5.3	5.0	5.5	5.8	
	3H	7.9	8.3	8.2	8.6	9.0	8.7	9.2	9.1	9.5	9.8	
	4H	9.9	10.4	10.3	10.7	11.0	10.8	11.2	11.1	11.5	11.9	
	6H	12.2	12.6	12.6	13.0	13.3	13.2	13.5	13.6	13.9	14.3	
	8H	13.5	13.8	13.9	14.1	14.5	14.5	14.8	14.9	15.2	15.6	
	12H	14.9	15.2	15.4	15.6	16.0	16.1	16.3	16.5	16.7	17.2	
8H	4H	10.9	11.2	11.3	11.6	12.0	11.5	11.8	11.9	12.2	12.6	
	6H	13.4	13.6	13.8	14.0	14.5	14.1	14.4	14.6	14.8	15.2	
	8H	14.8	15.0	15.3	15.4	15.9	15.7	15.9	16.1	16.3	16.8	
	12H	16.4	16.6	16.9	17.1	17.6	17.4	17.6	17.9	18.1	18.5	
12H	4H	11.2	11.5	11.6	11.9	12.3	11.7	12.0	12.1	12.4	12.8	
	6H	13.7	13.9	14.2	14.4	14.8	14.4	14.6	14.9	15.1	15.5	
	8H	15.3	15.4	15.8	15.9	16.4	16.1	16.2	16.6	16.7	17.2	
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 2500lm Total Luminous Flux												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 10 SPOT DIM PUSH 4000K NMG
Reference	A3185122NMG
Color	Matt black-Metallized gold
RAL	Metalllic finish
Category	CEILING RECESSED

PRODUCT

Light source	LED
Gross luminous flux	2500 Lm
Power	21 W
Power values of the system	23,86 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

LIGHTING INFORMATION

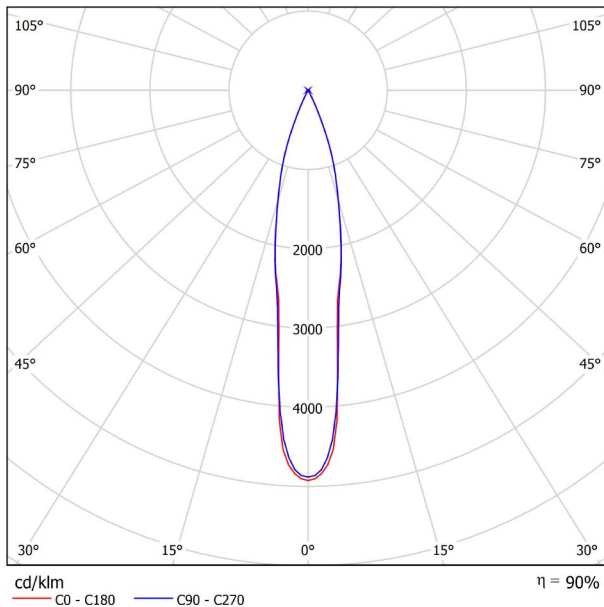
Ingress Protection	IP20
Recess measurements	50 × 437 mm.
Weight	810 g.
Packaged weight	1135 g.
Packaging dimensions	D105 × 580 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

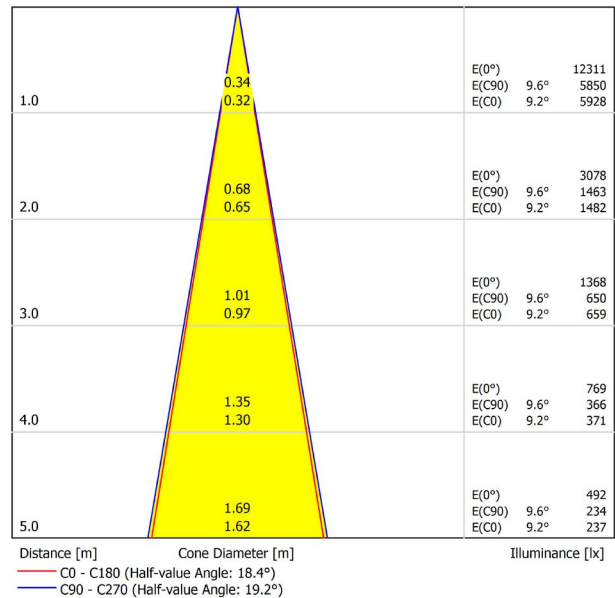


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POLAR DIAGRAM



CONICAL DIAGRAM

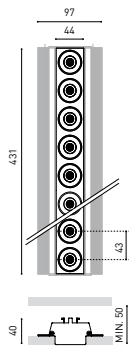


UGR

Glare Evaluation According to UGR												
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	2.8	3.4	3.0	3.6	3.8	3.6	4.3	3.9	4.5	4.7	
	3H	6.3	6.9	6.5	7.1	7.3	7.5	8.1	7.8	8.4	8.6	
	4H	8.2	8.8	8.5	9.1	9.3	9.4	9.9	9.7	10.2	10.4	
	6H	10.5	11.0	10.8	11.3	11.6	11.6	12.2	12.0	12.5	12.7	
	8H	11.6	12.1	11.9	12.4	12.7	12.9	13.4	13.2	13.7	14.0	
	12H	13.0	13.5	13.3	13.8	14.1	14.3	14.8	14.6	15.1	15.4	
4H	2H	4.1	4.7	4.4	5.0	5.2	4.7	5.3	5.0	5.5	5.8	
	3H	7.9	8.3	8.2	8.6	9.0	8.7	9.2	9.1	9.5	9.8	
	4H	9.9	10.4	10.3	10.7	11.0	10.8	11.2	11.1	11.5	11.9	
	6H	12.2	12.6	12.6	13.0	13.3	13.2	13.5	13.6	13.9	14.3	
	8H	13.5	13.8	13.9	14.1	14.5	14.5	14.8	14.9	15.2	15.6	
	12H	14.9	15.2	15.4	15.6	16.0	16.1	16.3	16.5	16.7	17.2	
8H	4H	10.9	11.2	11.3	11.6	12.0	11.5	11.8	11.9	12.2	12.6	
	6H	13.4	13.6	13.8	14.0	14.5	14.1	14.4	14.6	14.8	15.2	
	8H	14.8	15.0	15.3	15.4	15.9	15.7	15.9	16.1	16.3	16.8	
	12H	16.4	16.6	16.9	17.1	17.6	17.4	17.6	17.9	18.1	18.5	
12H	4H	11.2	11.5	11.6	11.9	12.3	11.7	12.0	12.1	12.4	12.8	
	6H	13.7	13.9	14.2	14.4	14.8	14.4	14.6	14.9	15.1	15.5	
	8H	15.3	15.4	15.8	15.9	16.4	16.1	16.2	16.6	16.7	17.2	
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 2500lm Total Luminous Flux												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 10 SPOT DIM DALI 2700K N
Reference	A3185140N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

PRODUCT

Light source	LED
Gross luminous flux	1900 Lm
Power	21 W
Power values of the system	24,14 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

LIGHTING INFORMATION

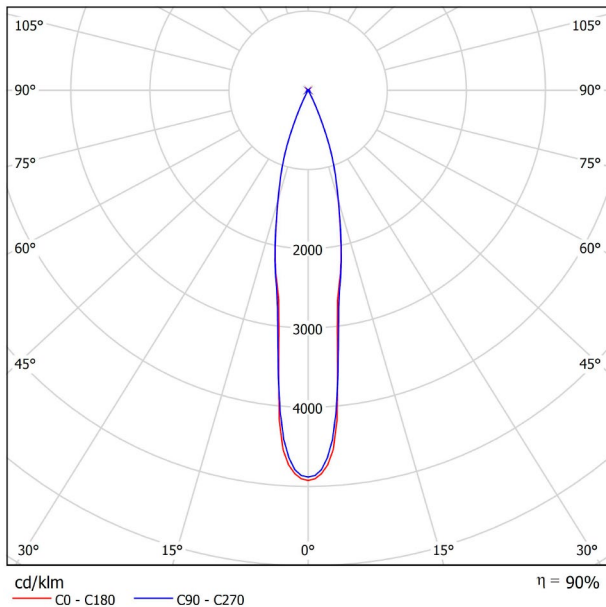
Ingress Protection	IP20
Recess measurements	50 × 437 mm.
Weight	810 g.
Packaged weight	1135 g.
Packaging dimensions	D105 × 580 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

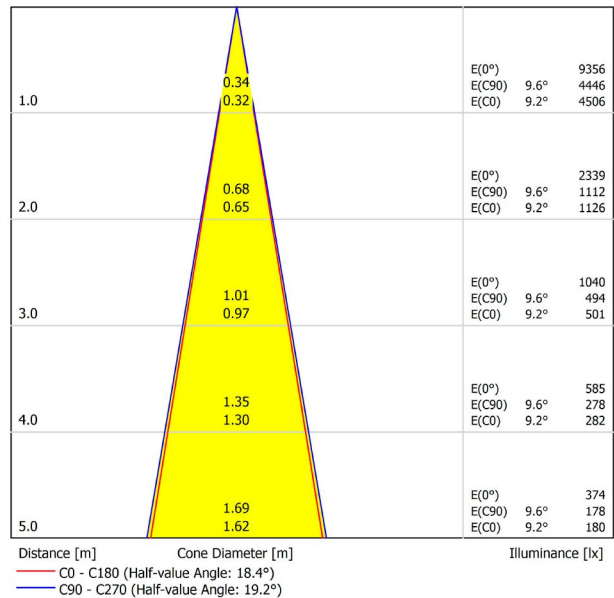


Black Foster is the product that transfers the claimed effect "The Invisible Black" to a recessed-isolated lineal luminary; also available in trimless version. If we take a closer view to the recessed model, its bezel is so thin than when lighted up, it is unperceived; offering an aesthetic of "visual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

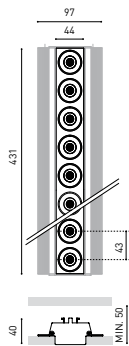


UGR

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	1.8	2.5	2.1	2.7	2.9	2.7	3.3	2.9	3.5	3.7	
	3H	5.3	5.9	5.6	6.2	6.4	6.6	7.2	6.8	7.4	7.6	
	4H	7.3	7.9	7.6	8.1	8.4	8.4	9.0	8.7	9.2	9.5	
	6H	9.5	10.1	9.8	10.3	10.6	10.7	11.2	11.0	11.5	11.8	
	8H	10.7	11.2	11.0	11.5	11.8	11.9	12.4	12.3	12.7	13.0	
	12H	12.0	12.5	12.4	12.8	13.1	13.3	13.8	13.7	14.1	14.4	
4H	2H	3.2	3.8	3.5	4.0	4.3	3.7	4.3	4.0	4.6	4.8	
	3H	6.9	7.4	7.3	7.7	8.0	7.8	8.3	8.1	8.6	8.9	
	4H	9.0	9.4	9.4	9.7	10.1	9.8	10.2	10.2	10.6	10.9	
	6H	11.3	11.6	11.7	12.0	12.4	12.2	12.6	12.6	12.9	13.3	
	8H	12.5	12.8	12.9	13.2	13.6	13.6	13.9	14.0	14.3	14.7	
	12H	14.0	14.2	14.4	14.6	15.1	15.1	15.4	15.5	15.8	16.2	
8H	4H	10.0	10.3	10.4	10.7	11.1	10.6	10.9	11.0	11.3	11.7	
	6H	12.4	12.7	12.9	13.1	13.5	13.2	13.4	13.6	13.8	14.3	
	8H	13.8	14.0	14.3	14.5	14.9	14.7	14.9	15.2	15.4	15.8	
	12H	15.5	15.6	16.0	16.1	16.6	16.5	16.6	17.0	17.1	17.6	
12H	4H	10.2	10.5	10.7	10.9	11.3	10.8	11.0	11.2	11.4	11.9	
	6H	12.8	13.0	13.3	13.4	13.9	13.5	13.7	13.9	14.1	14.6	
	8H	14.3	14.5	14.8	15.0	15.4	15.1	15.3	15.6	15.7	16.2	
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 1900lm Total Luminous Flux												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 10 SPOT DIM DALI 2700K NMG
Reference	A3185140NMG
Color	Matt black-Metallized gold
RAL	Metalllic finish
Category	CEILING RECESSED

PRODUCT

Light source	LED
Gross luminous flux	1900 Lm
Power	21 W
Power values of the system	23,86 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

LIGHTING INFORMATION

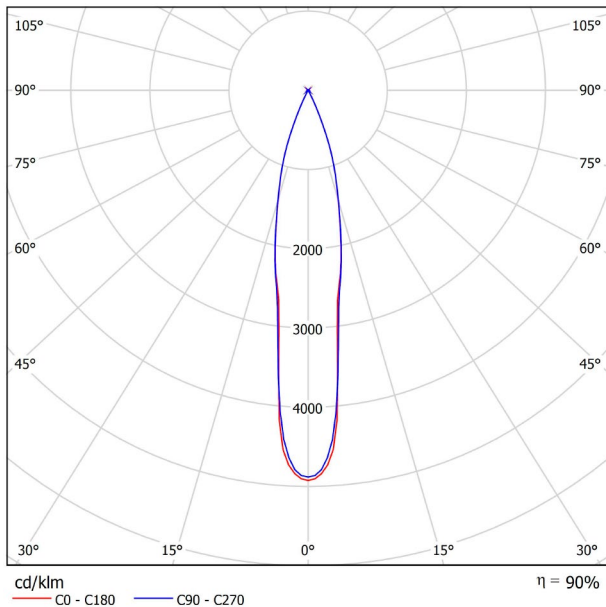
Ingress Protection	IP20
Recess measurements	50 × 437 mm.
Weight	810 g.
Packaged weight	1135 g.
Packaging dimensions	D105 × 580 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

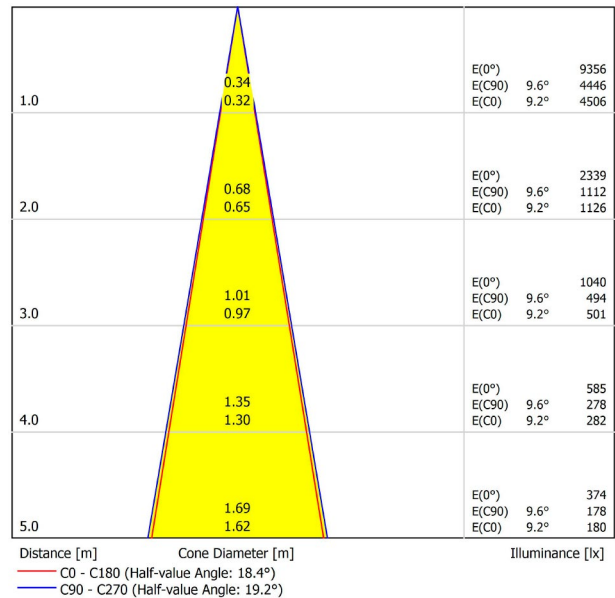


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POLAR DIAGRAM



CONICAL DIAGRAM

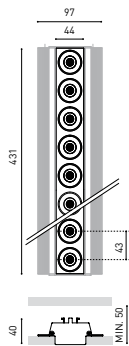


UGR

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	1.8	2.5	2.1	2.7	2.9	2.7	3.3	2.9	3.5	3.7	
	3H	5.3	5.9	5.6	6.2	6.4	6.6	7.2	6.8	7.4	7.6	
	4H	7.3	7.9	7.6	8.1	8.4	8.4	9.0	8.7	9.2	9.5	
	6H	9.5	10.1	9.8	10.3	10.6	10.7	11.2	11.0	11.5	11.8	
	8H	10.7	11.2	11.0	11.5	11.8	11.9	12.4	12.3	12.7	13.0	
	12H	12.0	12.5	12.4	12.8	13.1	13.3	13.8	13.7	14.1	14.4	
4H	2H	3.2	3.8	3.5	4.0	4.3	3.7	4.3	4.0	4.6	4.8	
	3H	6.9	7.4	7.3	7.7	8.0	7.8	8.3	8.1	8.6	8.9	
	4H	9.0	9.4	9.4	9.7	10.1	9.8	10.2	10.2	10.6	10.9	
	6H	11.3	11.6	11.7	12.0	12.4	12.2	12.6	12.6	12.9	13.3	
	8H	12.5	12.8	12.9	13.2	13.6	13.6	13.9	14.0	14.3	14.7	
	12H	14.0	14.2	14.4	14.6	15.1	15.1	15.4	15.5	15.8	16.2	
8H	4H	10.0	10.3	10.4	10.7	11.1	10.6	10.9	11.0	11.3	11.7	
	6H	12.4	12.7	12.9	13.1	13.5	13.2	13.4	13.6	13.8	14.3	
	8H	13.8	14.0	14.3	14.5	14.9	14.7	14.9	15.2	15.4	15.8	
	12H	15.5	15.6	16.0	16.1	16.6	16.5	16.6	17.0	17.1	17.6	
12H	4H	10.2	10.5	10.7	10.9	11.3	10.8	11.0	11.2	11.4	11.9	
	6H	12.8	13.0	13.3	13.4	13.9	13.5	13.7	13.9	14.1	14.6	
	8H	14.3	14.5	14.8	15.0	15.4	15.1	15.3	15.6	15.7	16.2	
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 1900lm Total Luminous Flux												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 10 SPOT DIM DALI 3000K N
Reference	A3185141N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

PRODUCT

Light source	LED
Gross luminous flux	2100 Lm
Power	21 W
Power values of the system	24,14 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

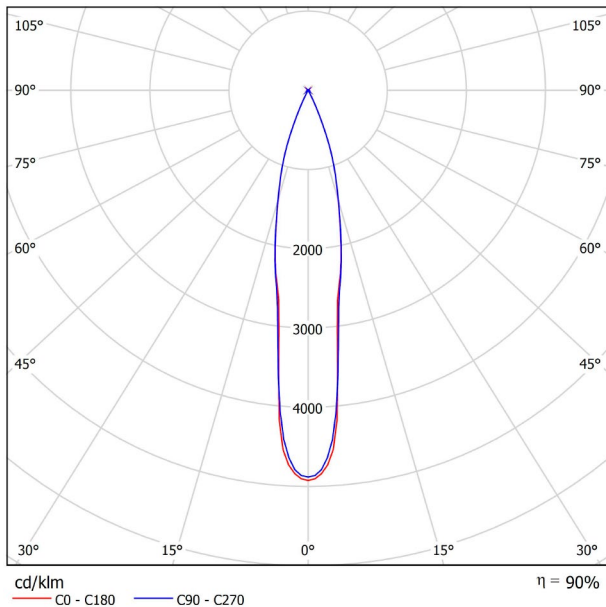
Ingress Protection	IP20
Recess measurements	50 × 437 mm.
Weight	810 g.
Packaged weight	1135 g.
Packaging dimensions	D105 × 580 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

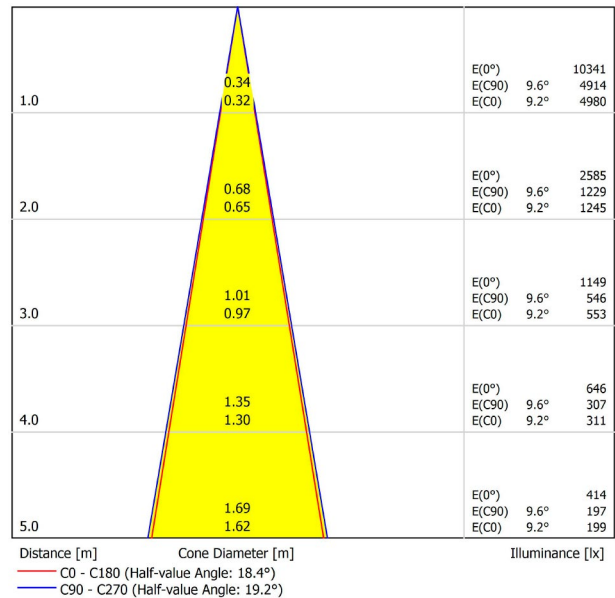


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POLAR DIAGRAM



CONICAL DIAGRAM

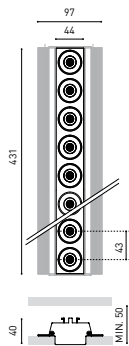


UGR

Glare Evaluation According to UGR												
ρ Ceiling		70	70	50	50	30	70	70	50	50	30	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	2.2	2.8	2.4	3.0	3.2	3.0	3.7	3.3	3.9	4.1	
	3H	5.7	6.3	5.9	6.5	6.7	6.9	7.5	7.2	7.8	8.0	
	4H	7.6	8.2	7.9	8.5	8.7	8.8	9.3	9.1	9.6	9.8	
	6H	9.9	10.4	10.2	10.7	11.0	11.0	11.6	11.4	11.8	12.1	
	8H	11.0	11.5	11.3	11.8	12.1	12.3	12.8	12.6	13.1	13.4	
4H	12H	12.4	12.9	12.7	13.2	13.5	13.7	14.2	14.0	14.5	14.8	
	2H	3.5	4.1	3.8	4.4	4.6	4.1	4.7	4.4	4.9	5.2	
	3H	7.3	7.7	7.6	8.0	8.4	8.1	8.6	8.5	8.9	9.2	
	4H	9.3	9.8	9.7	10.1	10.4	10.2	10.6	10.5	10.9	11.2	
	6H	11.6	12.0	12.0	12.3	12.7	12.6	12.9	13.0	13.3	13.7	
8H	8H	12.8	13.2	13.3	13.5	13.9	13.9	14.2	14.3	14.6	15.0	
	12H	14.3	14.6	14.8	15.0	15.4	15.5	15.7	15.9	16.1	16.6	
	4H	10.3	10.6	10.7	11.0	11.4	10.9	11.2	11.3	11.6	12.0	
	6H	12.8	13.0	13.2	13.4	13.9	13.5	13.8	14.0	14.2	14.6	
	8H	14.2	14.4	14.7	14.8	15.3	15.1	15.3	15.5	15.7	16.2	
12H	12H	15.8	16.0	16.3	16.5	16.9	16.8	17.0	17.3	17.4	17.9	
	4H	10.6	10.8	11.0	11.2	11.7	11.1	11.4	11.5	11.8	12.2	
	6H	13.1	13.3	13.6	13.8	14.2	13.8	14.0	14.3	14.5	14.9	
	8H	14.7	14.8	15.2	15.3	15.8	15.5	15.6	15.9	16.1	16.6	
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 2100lm Total Luminous Flux												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 10 SPOT DIM DALI 3000K NMG
Reference	A3185141NMG
Color	Matt black-Metallized gold
RAL	Metalllic finish
Category	CEILING RECESSED

PRODUCT

Light source	LED
Gross luminous flux	2100 Lm
Power	21 W
Power values of the system	23,86 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

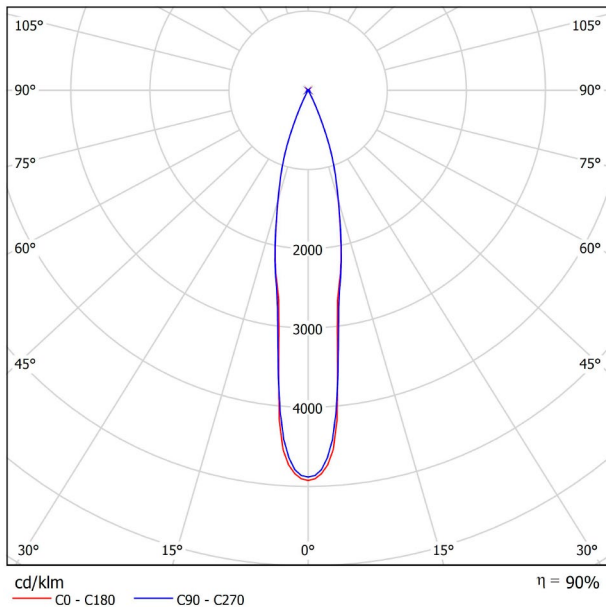
Ingress Protection	IP20
Recess measurements	50 × 437 mm.
Weight	810 g.
Packaged weight	1135 g.
Packaging dimensions	D105 × 580 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

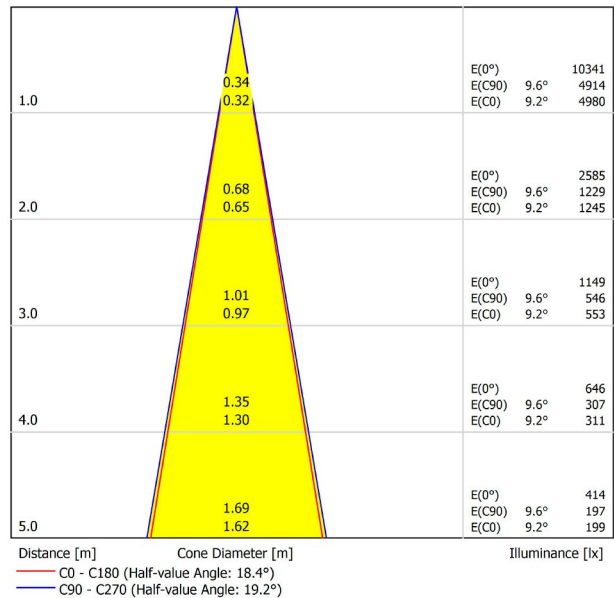


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POLAR DIAGRAM



CONICAL DIAGRAM

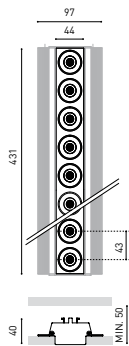


UGR

Glare Evaluation According to UGR												
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	2.2	2.8	2.4	3.0	3.2	3.0	3.7	3.3	3.9	4.1	
	3H	5.7	6.3	5.9	6.5	6.7	6.9	7.5	7.2	7.8	8.0	
	4H	7.6	8.2	7.9	8.5	8.7	8.8	9.3	9.1	9.6	9.8	
	6H	9.9	10.4	10.2	10.7	11.0	11.0	11.6	11.4	11.8	12.1	
	8H	11.0	11.5	11.3	11.8	12.1	12.3	12.8	12.6	13.1	13.4	
	12H	12.4	12.9	12.7	13.2	13.5	13.7	14.2	14.0	14.5	14.8	
4H	2H	3.5	4.1	3.8	4.4	4.6	4.1	4.7	4.4	4.9	5.2	
	3H	7.3	7.7	7.6	8.0	8.4	8.1	8.6	8.5	8.9	9.2	
	4H	9.3	9.8	9.7	10.1	10.4	10.2	10.6	10.5	10.9	11.2	
	6H	11.6	12.0	12.0	12.3	12.7	12.6	12.9	13.0	13.3	13.7	
	8H	12.8	13.2	13.3	13.5	13.9	13.9	14.2	14.3	14.6	15.0	
	12H	14.3	14.6	14.8	15.0	15.4	15.5	15.7	15.9	16.1	16.6	
8H	4H	10.3	10.6	10.7	11.0	11.4	10.9	11.2	11.3	11.6	12.0	
	6H	12.8	13.0	13.2	13.4	13.9	13.5	13.8	14.0	14.2	14.6	
	8H	14.2	14.4	14.7	14.8	15.3	15.1	15.3	15.5	15.7	16.2	
	12H	15.8	16.0	16.3	16.5	16.9	16.8	17.0	17.3	17.4	17.9	
12H	4H	10.6	10.8	11.0	11.2	11.7	11.1	11.4	11.5	11.8	12.2	
	6H	13.1	13.3	13.6	13.8	14.2	13.8	14.0	14.3	14.5	14.9	
	8H	14.7	14.8	15.2	15.3	15.8	15.5	15.6	15.9	16.1	16.6	
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 2100lm Total Luminous Flux												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 10 SPOT DIM DALI 4000K N
Reference	A3185142N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

PRODUCT

Light source	LED
Gross luminous flux	2500 Lm
Power	21 W
Power values of the system	24,14 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

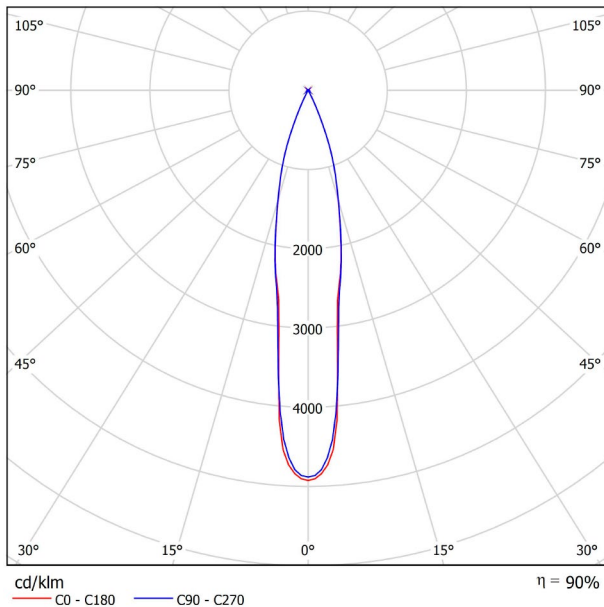
OTHER DATA

Ingress Protection	IP20
Recess measurements	50 × 437 mm.
Weight	810 g.
Packaged weight	1135 g.
Packaging dimensions	D105 × 580 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

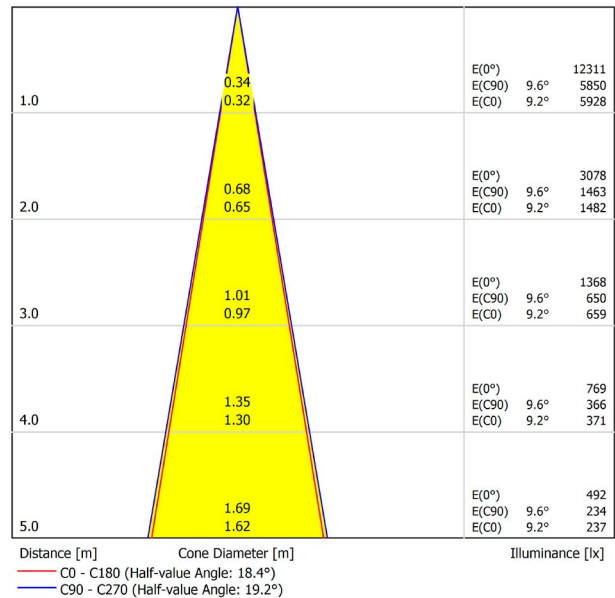


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POLAR DIAGRAM



CONICAL DIAGRAM

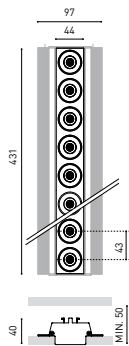


UGR

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	2.8	3.4	3.0	3.6	3.8	3.6	4.3	3.9	4.5	4.7	
	3H	6.3	6.9	6.5	7.1	7.3	7.5	8.1	7.8	8.4	8.6	
	4H	8.2	8.8	8.5	9.1	9.3	9.4	9.9	9.7	10.2	10.4	
	6H	10.5	11.0	10.8	11.3	11.6	11.6	12.2	12.0	12.5	12.7	
	8H	11.6	12.1	11.9	12.4	12.7	12.9	13.4	13.2	13.7	14.0	
	12H	13.0	13.5	13.3	13.8	14.1	14.3	14.8	14.6	15.1	15.4	
4H	2H	4.1	4.7	4.4	5.0	5.2	4.7	5.3	5.0	5.5	5.8	
	3H	7.9	8.3	8.2	8.6	9.0	8.7	9.2	9.1	9.5	9.8	
	4H	9.9	10.4	10.3	10.7	11.0	10.8	11.2	11.1	11.5	11.9	
	6H	12.2	12.6	12.6	13.0	13.3	13.2	13.5	13.6	13.9	14.3	
	8H	13.5	13.8	13.9	14.1	14.5	14.5	14.8	14.9	15.2	15.6	
	12H	14.9	15.2	15.4	15.6	16.0	16.1	16.3	16.5	16.7	17.2	
8H	4H	10.9	11.2	11.3	11.6	12.0	11.5	11.8	11.9	12.2	12.6	
	6H	13.4	13.6	13.8	14.0	14.5	14.1	14.4	14.6	14.8	15.2	
	8H	14.8	15.0	15.3	15.4	15.9	15.7	15.9	16.1	16.3	16.8	
	12H	16.4	16.6	16.9	17.1	17.6	17.4	17.6	17.9	18.1	18.5	
12H	4H	11.2	11.5	11.6	11.9	12.3	11.7	12.0	12.1	12.4	12.8	
	6H	13.7	13.9	14.2	14.4	14.8	14.4	14.6	14.9	15.1	15.5	
	8H	15.3	15.4	15.8	15.9	16.4	16.1	16.2	16.6	16.7	17.2	
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 2500lm Total Luminous Flux												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 10 SPOT DIM DALI 4000K NMG
Reference	A3185142NMG
Color	Matt black-Metallized gold
RAL	Metalllic finish
Category	CEILING RECESSED

PRODUCT

Light source	LED
Gross luminous flux	2500 Lm
Power	21 W
Power values of the system	23,86 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

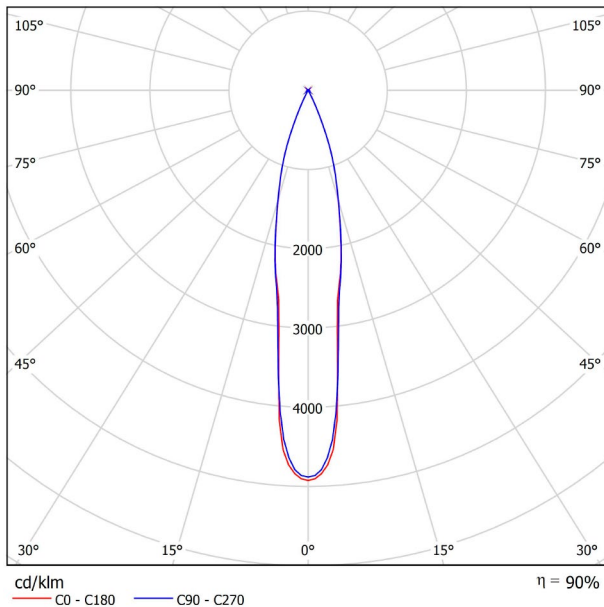
Ingress Protection	IP20
Recess measurements	50 × 437 mm.
Weight	810 g.
Packaged weight	1135 g.
Packaging dimensions	D105 × 580 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

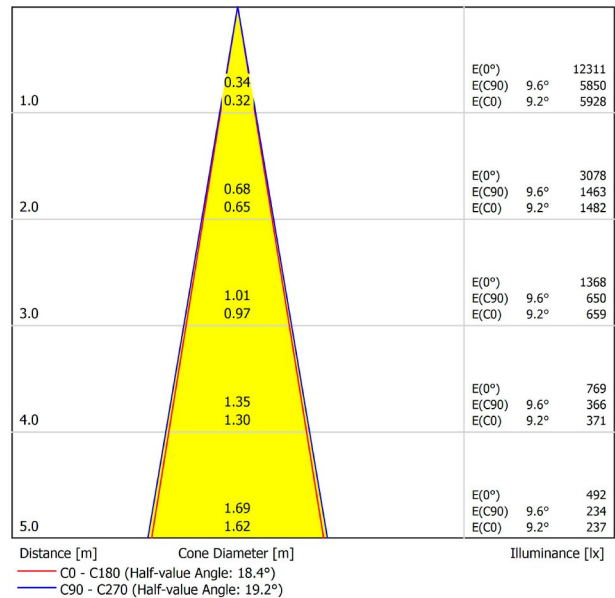


Black Foster is the product that transfers the claimed effect "The Invisible Black" to a recessed-isolated lineal luminary; also available in trimless version. If we take a closer view to the recessed model, its bezel is so thin than when lighted up, it is unperceived; offering an aesthetic of "visual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

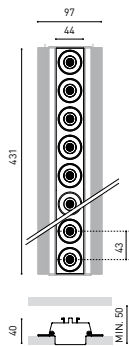


UGR

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	2.8	3.4	3.0	3.6	3.8	3.6	4.3	3.9	4.5	4.7	
	3H	6.3	6.9	6.5	7.1	7.3	7.5	8.1	7.8	8.4	8.6	
	4H	8.2	8.8	8.5	9.1	9.3	9.4	9.9	9.7	10.2	10.4	
	6H	10.5	11.0	10.8	11.3	11.6	11.6	12.2	12.0	12.5	12.7	
	8H	11.6	12.1	11.9	12.4	12.7	12.9	13.4	13.2	13.7	14.0	
	12H	13.0	13.5	13.3	13.8	14.1	14.3	14.8	14.6	15.1	15.4	
4H	2H	4.1	4.7	4.4	5.0	5.2	4.7	5.3	5.0	5.5	5.8	
	3H	7.9	8.3	8.2	8.6	9.0	8.7	9.2	9.1	9.5	9.8	
	4H	9.9	10.4	10.3	10.7	11.0	10.8	11.2	11.1	11.5	11.9	
	6H	12.2	12.6	12.6	13.0	13.3	13.2	13.5	13.6	13.9	14.3	
	8H	13.5	13.8	13.9	14.1	14.5	14.5	14.8	14.9	15.2	15.6	
	12H	14.9	15.2	15.4	15.6	16.0	16.1	16.3	16.5	16.7	17.2	
8H	4H	10.9	11.2	11.3	11.6	12.0	11.5	11.8	11.9	12.2	12.6	
	6H	13.4	13.6	13.8	14.0	14.5	14.1	14.4	14.6	14.8	15.2	
	8H	14.8	15.0	15.3	15.4	15.9	15.7	15.9	16.1	16.3	16.8	
	12H	16.4	16.6	16.9	17.1	17.6	17.4	17.6	17.9	18.1	18.5	
12H	4H	11.2	11.5	11.6	11.9	12.3	11.7	12.0	12.1	12.4	12.8	
	6H	13.7	13.9	14.2	14.4	14.8	14.4	14.6	14.9	15.1	15.5	
	8H	15.3	15.4	15.8	15.9	16.4	16.1	16.2	16.6	16.7	17.2	
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 2500lm Total Luminous Flux												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 10 SPOT 2700K N
Reference	A3185110N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

PRODUCT

Light source	LED
Gross luminous flux	1900 Lm
Power	21 W
Power values of the system	23,86 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

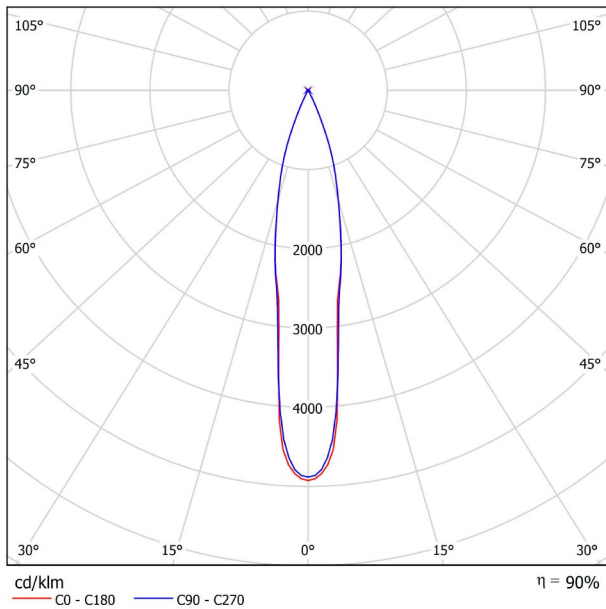
Ingress Protection	IP20
Recess measurements	50 × 437 mm.
Weight	800 g.
Packaged weight	1125 g.
Packaging dimensions	D105 × 580 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

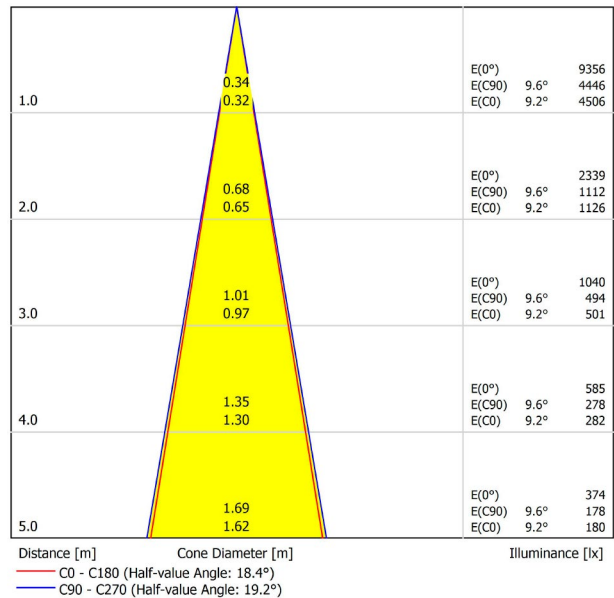


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POLAR DIAGRAM



CONICAL DIAGRAM

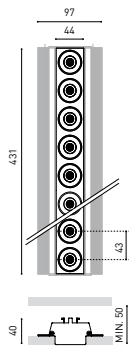


UGR

Glare Evaluation According to UGR												
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	1.8	2.5	2.1	2.7	2.9	2.7	3.3	2.9	3.5	3.7	
	3H	5.3	5.9	5.6	6.2	6.4	6.6	7.2	6.8	7.4	7.6	
	4H	7.3	7.9	7.6	8.1	8.4	8.4	9.0	8.7	9.2	9.5	
	6H	9.5	10.1	9.8	10.3	10.6	10.7	11.2	11.0	11.5	11.8	
	8H	10.7	11.2	11.0	11.5	11.8	11.9	12.4	12.3	12.7	13.0	
	12H	12.0	12.5	12.4	12.8	13.1	13.3	13.8	13.7	14.1	14.4	
4H	2H	3.2	3.8	3.5	4.0	4.3	3.7	4.3	4.0	4.6	4.8	
	3H	6.9	7.4	7.3	7.7	8.0	7.8	8.3	8.1	8.6	8.9	
	4H	9.0	9.4	9.4	9.7	10.1	9.8	10.2	10.2	10.6	10.9	
	6H	11.3	11.6	11.7	12.0	12.4	12.2	12.6	12.6	12.9	13.3	
	8H	12.5	12.8	12.9	13.2	13.6	13.6	13.9	14.0	14.3	14.7	
	12H	14.0	14.2	14.4	14.6	15.1	15.1	15.4	15.5	15.8	16.2	
8H	4H	10.0	10.3	10.4	10.7	11.1	10.6	10.9	11.0	11.3	11.7	
	6H	12.4	12.7	12.9	13.1	13.5	13.2	13.4	13.6	13.8	14.3	
	8H	13.8	14.0	14.3	14.5	14.9	14.7	14.9	15.2	15.4	15.8	
	12H	15.5	15.6	16.0	16.1	16.6	16.5	16.6	17.0	17.1	17.6	
12H	4H	10.2	10.5	10.7	10.9	11.3	10.8	11.0	11.2	11.4	11.9	
	6H	12.8	13.0	13.3	13.4	13.9	13.5	13.7	13.9	14.1	14.6	
	8H	14.3	14.5	14.8	15.0	15.4	15.1	15.3	15.6	15.7	16.2	
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 1900lm Total Luminous Flux												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 10 SPOT 2700K NMG
Reference	A3185110NMG
Color	Matt black-Metallized gold
RAL	Metallic finish
Category	CEILING RECESSED

PRODUCT

Light source	LED
Gross luminous flux	1900 Lm
Power	21 W
Power values of the system	23,86 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

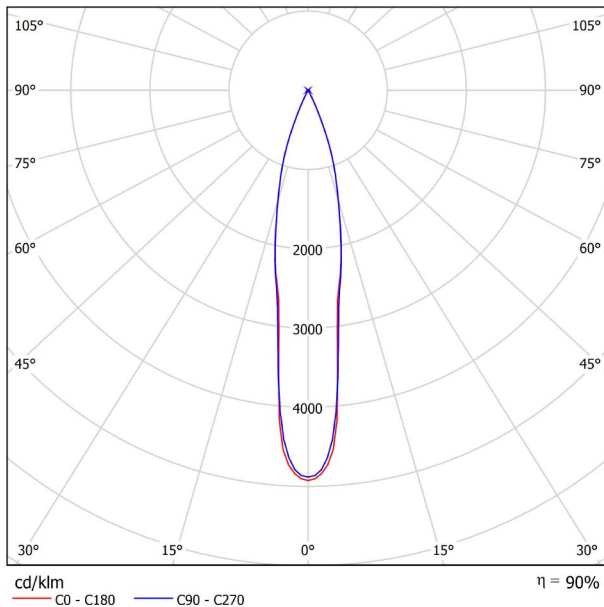
Ingress Protection	IP20
Recess measurements	50 × 437 mm.
Weight	800 g.
Packaged weight	1125 g.
Packaging dimensions	D105 × 580 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

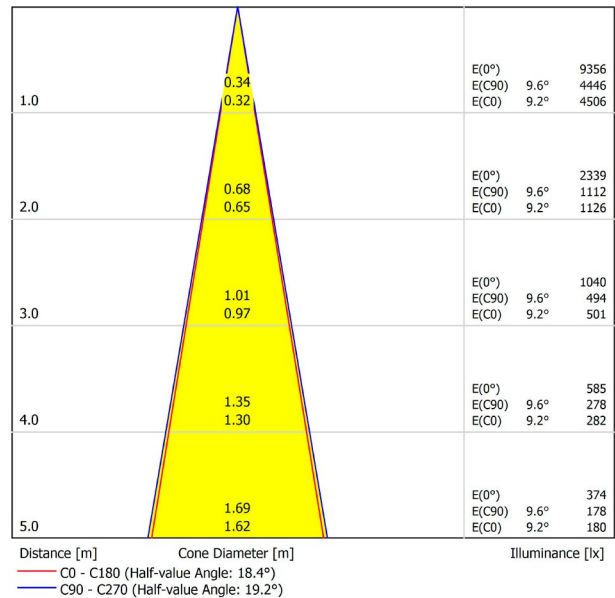


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POLAR DIAGRAM



CONICAL DIAGRAM

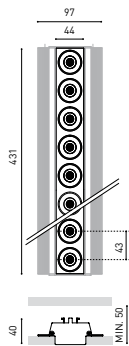


UGR

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	1.8	2.5	2.1	2.7	2.9	2.7	3.3	2.9	3.5	3.7	
	3H	5.3	5.9	5.6	6.2	6.4	6.6	7.2	6.8	7.4	7.6	
	4H	7.3	7.9	7.6	8.1	8.4	8.4	9.0	8.7	9.2	9.5	
	6H	9.5	10.1	9.8	10.3	10.6	10.7	11.2	11.0	11.5	11.8	
	8H	10.7	11.2	11.0	11.5	11.8	11.9	12.4	12.3	12.7	13.0	
	12H	12.0	12.5	12.4	12.8	13.1	13.3	13.8	13.7	14.1	14.4	
4H	2H	3.2	3.8	3.5	4.0	4.3	3.7	4.3	4.0	4.6	4.8	
	3H	6.9	7.4	7.3	7.7	8.0	7.8	8.3	8.1	8.6	8.9	
	4H	9.0	9.4	9.4	9.7	10.1	9.8	10.2	10.2	10.6	10.9	
	6H	11.3	11.6	11.7	12.0	12.4	12.2	12.6	12.6	12.9	13.3	
	8H	12.5	12.8	12.9	13.2	13.6	13.6	13.9	14.0	14.3	14.7	
	12H	14.0	14.2	14.4	14.6	15.1	15.1	15.4	15.5	15.8	16.2	
8H	4H	10.0	10.3	10.4	10.7	11.1	10.6	10.9	11.0	11.3	11.7	
	6H	12.4	12.7	12.9	13.1	13.5	13.2	13.4	13.6	13.8	14.3	
	8H	13.8	14.0	14.3	14.5	14.9	14.7	14.9	15.2	15.4	15.8	
	12H	15.5	15.6	16.0	16.1	16.6	16.5	16.6	17.0	17.1	17.6	
12H	4H	10.2	10.5	10.7	10.9	11.3	10.8	11.0	11.2	11.4	11.9	
	6H	12.8	13.0	13.3	13.4	13.9	13.5	13.7	13.9	14.1	14.6	
	8H	14.3	14.5	14.8	15.0	15.4	15.1	15.3	15.6	15.7	16.2	
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 1900lm Total Luminous Flux												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 10 SPOT 3000K N
Reference	A3185111N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

PRODUCT

Light source	LED
Gross luminous flux	2100 Lm
Power	21 W
Power values of the system	23,86 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

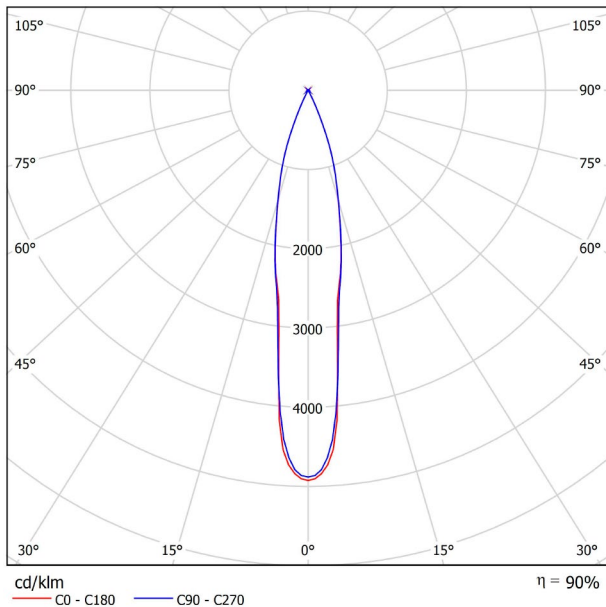
Ingress Protection	IP20
Recess measurements	50 × 437 mm.
Weight	800 g.
Packaged weight	1125 g.
Packaging dimensions	D105 × 580 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

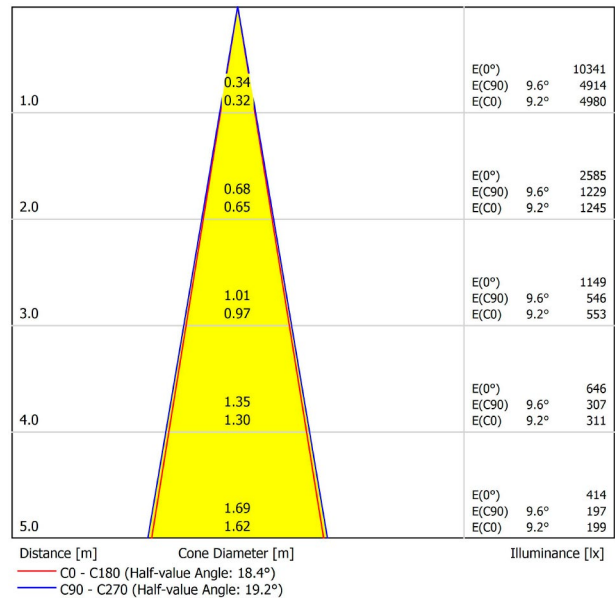


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POLAR DIAGRAM



CONICAL DIAGRAM

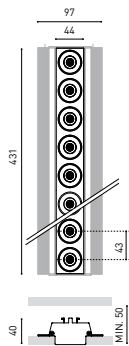


UGR

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	2.8	2.4	3.0	3.2	3.0	3.7	3.3	3.9	4.1	
	3H	5.7	6.3	5.9	6.5	6.7	6.9	7.5	7.2	7.8	8.0	
	4H	7.6	8.2	7.9	8.5	8.7	8.8	9.3	9.1	9.6	9.8	
	6H	9.9	10.4	10.2	10.7	11.0	11.0	11.6	11.4	11.8	12.1	
	8H	11.0	11.5	11.3	11.8	12.1	12.3	12.8	12.6	13.1	13.4	
	12H	12.4	12.9	12.7	13.2	13.5	13.7	14.2	14.0	14.5	14.8	
4H	2H	3.5	4.1	3.8	4.4	4.6	4.1	4.7	4.4	4.9	5.2	
	3H	7.3	7.7	7.6	8.0	8.4	8.1	8.6	8.5	8.9	9.2	
	4H	9.3	9.8	9.7	10.1	10.4	10.2	10.6	10.5	10.9	11.2	
	6H	11.6	12.0	12.0	12.3	12.7	12.6	12.9	13.0	13.3	13.7	
	8H	12.8	13.2	13.3	13.5	13.9	13.9	14.2	14.3	14.6	15.0	
	12H	14.3	14.6	14.8	15.0	15.4	15.5	15.7	15.9	16.1	16.6	
8H	4H	10.3	10.6	10.7	11.0	11.4	10.9	11.2	11.3	11.6	12.0	
	6H	12.8	13.0	13.2	13.4	13.9	13.5	13.8	14.0	14.2	14.6	
	8H	14.2	14.4	14.7	14.8	15.3	15.1	15.3	15.5	15.7	16.2	
	12H	15.8	16.0	16.3	16.5	16.9	16.8	17.0	17.3	17.4	17.9	
12H	4H	10.6	10.8	11.0	11.2	11.7	11.1	11.4	11.5	11.8	12.2	
	6H	13.1	13.3	13.6	13.8	14.2	13.8	14.0	14.3	14.5	14.9	
	8H	14.7	14.8	15.2	15.3	15.8	15.5	15.6	15.9	16.1	16.6	
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 2100lm Total Luminous Flux												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 10 SPOT 3000K NMG
Reference	A3185111NMG
Color	Matt black-Metallized gold
RAL	Metallic finish
Category	CEILING RECESSED

PRODUCT

Light source	LED
Gross luminous flux	2100 Lm
Power	21 W
Power values of the system	23,86 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

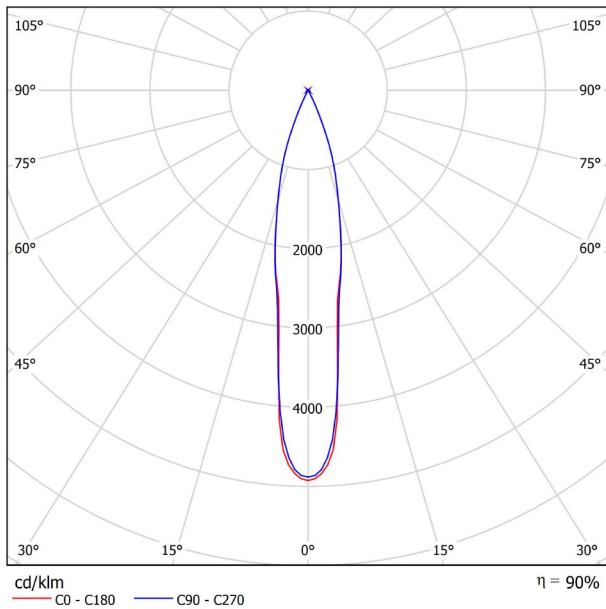
Ingress Protection	IP20
Recess measurements	50 × 437 mm.
Weight	800 g.
Packaged weight	1125 g.
Packaging dimensions	D105 × 580 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

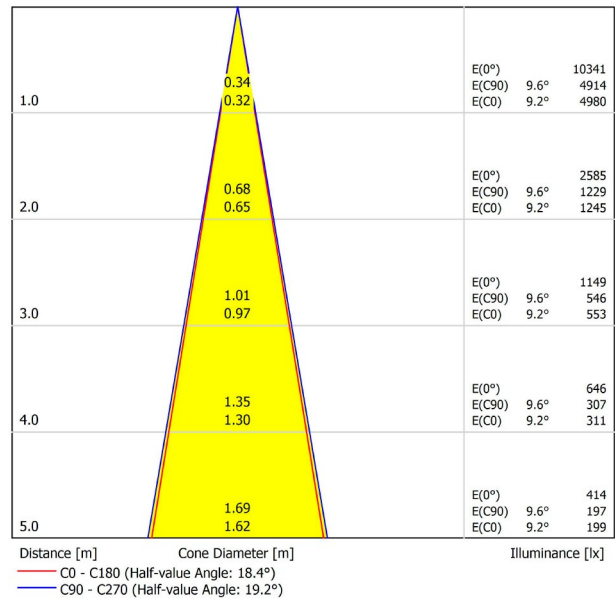


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POLAR DIAGRAM



CONICAL DIAGRAM

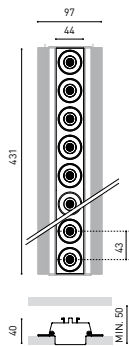


UGR

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	2.8	2.4	3.0	3.2	3.0	3.7	3.3	3.9	4.1	
	3H	5.7	6.3	5.9	6.5	6.7	6.9	7.5	7.2	7.8	8.0	
	4H	7.6	8.2	7.9	8.5	8.7	8.8	9.3	9.1	9.6	9.8	
	6H	9.9	10.4	10.2	10.7	11.0	11.0	11.6	11.4	11.8	12.1	
	8H	11.0	11.5	11.3	11.8	12.1	12.3	12.8	12.6	13.1	13.4	
4H	12H	12.4	12.9	12.7	13.2	13.5	13.7	14.2	14.0	14.5	14.8	
	2H	3.5	4.1	3.8	4.4	4.6	4.1	4.7	4.4	4.9	5.2	
	3H	7.3	7.7	7.6	8.0	8.4	8.1	8.6	8.5	8.9	9.2	
	4H	9.3	9.8	9.7	10.1	10.4	10.2	10.6	10.5	10.9	11.2	
	6H	11.6	12.0	12.0	12.3	12.7	12.6	12.9	13.0	13.3	13.7	
8H	8H	12.8	13.2	13.3	13.5	13.9	13.9	14.2	14.3	14.6	15.0	
	12H	14.3	14.6	14.8	15.0	15.4	15.5	15.7	15.9	16.1	16.6	
	4H	10.3	10.6	10.7	11.0	11.4	10.9	11.2	11.3	11.6	12.0	
	6H	12.8	13.0	13.2	13.4	13.9	13.5	13.8	14.0	14.2	14.6	
	8H	14.2	14.4	14.7	14.8	15.3	15.1	15.3	15.5	15.7	16.2	
12H	12H	15.8	16.0	16.3	16.5	16.9	16.8	17.0	17.3	17.4	17.9	
	4H	10.6	10.8	11.0	11.2	11.7	11.1	11.4	11.5	11.8	12.2	
	6H	13.1	13.3	13.6	13.8	14.2	13.8	14.0	14.3	14.5	14.9	
	8H	14.7	14.8	15.2	15.3	15.8	15.5	15.6	15.9	16.1	16.6	
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 2100lm Total Luminous Flux												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 10 SPOT 4000K N
Reference	A3185112N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

PRODUCT

Light source	LED
Gross luminous flux	2500 Lm
Power	21 W
Power values of the system	23,86 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

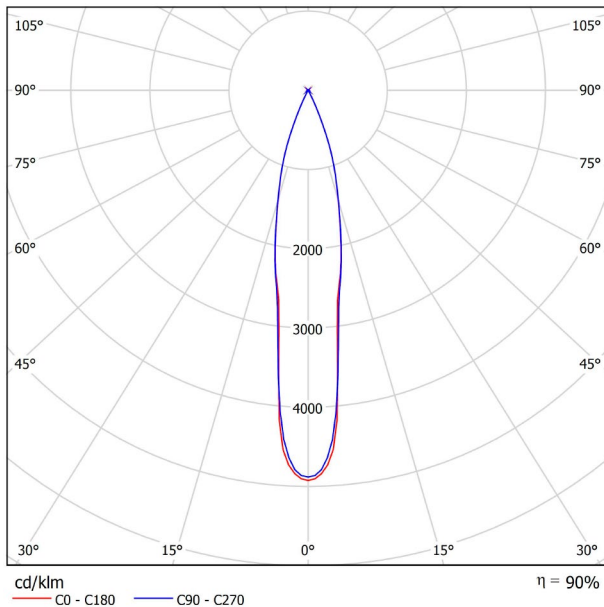
Ingress Protection	IP20
Recess measurements	50 × 437 mm.
Weight	800 g.
Packaged weight	1125 g.
Packaging dimensions	D105 × 580 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

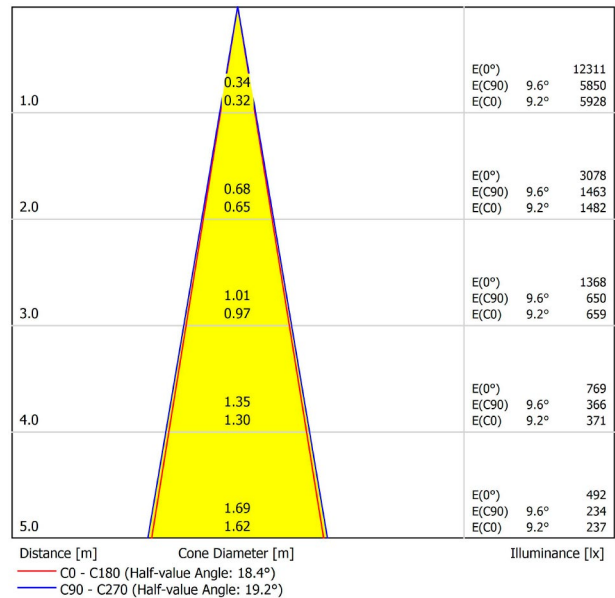


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POLAR DIAGRAM



CONICAL DIAGRAM

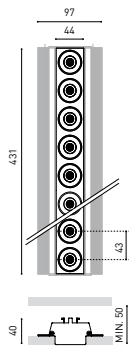


UGR

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	2.8	3.4	3.0	3.6	3.8	3.6	4.3	3.9	4.5	4.7	
	3H	6.3	6.9	6.5	7.1	7.3	7.5	8.1	7.8	8.4	8.6	
	4H	8.2	8.8	8.5	9.1	9.3	9.4	9.9	9.7	10.2	10.4	
	6H	10.5	11.0	10.8	11.3	11.6	11.6	12.2	12.0	12.5	12.7	
	8H	11.6	12.1	11.9	12.4	12.7	12.9	13.4	13.2	13.7	14.0	
	12H	13.0	13.5	13.3	13.8	14.1	14.3	14.8	14.6	15.1	15.4	
4H	2H	4.1	4.7	4.4	5.0	5.2	4.7	5.3	5.0	5.5	5.8	
	3H	7.9	8.3	8.2	8.6	9.0	8.7	9.2	9.1	9.5	9.8	
	4H	9.9	10.4	10.3	10.7	11.0	10.8	11.2	11.1	11.5	11.9	
	6H	12.2	12.6	12.6	13.0	13.3	13.2	13.5	13.6	13.9	14.3	
	8H	13.5	13.8	13.9	14.1	14.5	14.5	14.8	14.9	15.2	15.6	
	12H	14.9	15.2	15.4	15.6	16.0	16.1	16.3	16.5	16.7	17.2	
8H	4H	10.9	11.2	11.3	11.6	12.0	11.5	11.8	11.9	12.2	12.6	
	6H	13.4	13.6	13.8	14.0	14.5	14.1	14.4	14.6	14.8	15.2	
	8H	14.8	15.0	15.3	15.4	15.9	15.7	15.9	16.1	16.3	16.8	
	12H	16.4	16.6	16.9	17.1	17.6	17.4	17.6	17.9	18.1	18.5	
12H	4H	11.2	11.5	11.6	11.9	12.3	11.7	12.0	12.1	12.4	12.8	
	6H	13.7	13.9	14.2	14.4	14.8	14.4	14.6	14.9	15.1	15.5	
	8H	15.3	15.4	15.8	15.9	16.4	16.1	16.2	16.6	16.7	17.2	
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 2500lm Total Luminous Flux												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 10 SPOT 4000K NMG
Reference	A3185112NMG
Color	Matt black-Metallized gold
RAL	Metalllic finish
Category	CEILING RECESSED

PRODUCT

Light source	LED
Gross luminous flux	2500 Lm
Power	21 W
Power values of the system	23,86 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

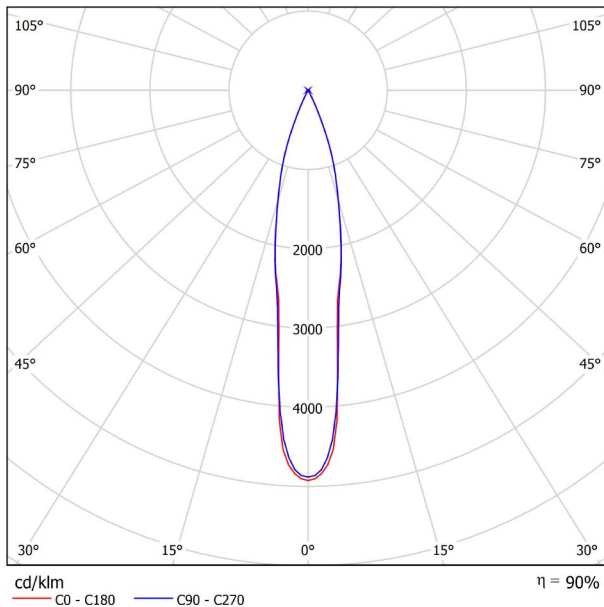
Ingress Protection	IP20
Recess measurements	50 × 437 mm.
Weight	800 g.
Packaged weight	1125 g.
Packaging dimensions	D105 × 580 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

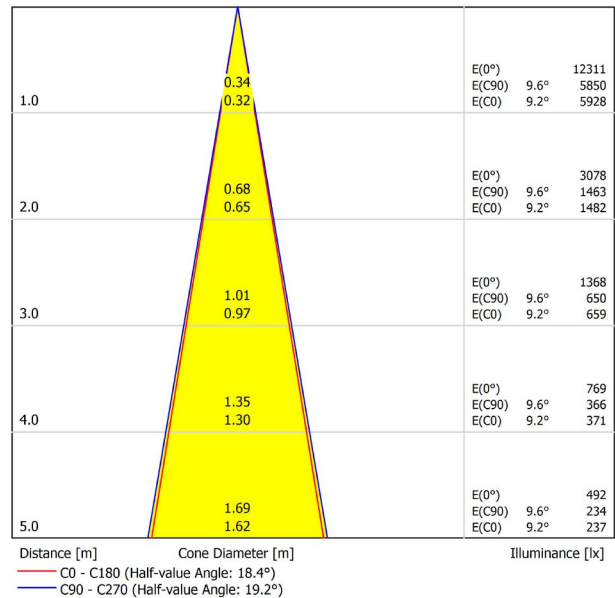


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POLAR DIAGRAM



CONICAL DIAGRAM

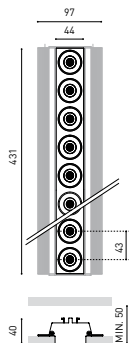


UGR

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	2.8	3.4	3.0	3.6	3.8	3.6	4.3	3.9	4.5	4.7	
	3H	6.3	6.9	6.5	7.1	7.3	7.5	8.1	7.8	8.4	8.6	
	4H	8.2	8.8	8.5	9.1	9.3	9.4	9.9	9.7	10.2	10.4	
	6H	10.5	11.0	10.8	11.3	11.6	11.6	12.2	12.0	12.5	12.7	
	8H	11.6	12.1	11.9	12.4	12.7	12.9	13.4	13.2	13.7	14.0	
	12H	13.0	13.5	13.3	13.8	14.1	14.3	14.8	14.6	15.1	15.4	
4H	2H	4.1	4.7	4.4	5.0	5.2	4.7	5.3	5.0	5.5	5.8	
	3H	7.9	8.3	8.2	8.6	9.0	8.7	9.2	9.1	9.5	9.8	
	4H	9.9	10.4	10.3	10.7	11.0	10.8	11.2	11.1	11.5	11.9	
	6H	12.2	12.6	12.6	13.0	13.3	13.2	13.5	13.6	13.9	14.3	
	8H	13.5	13.8	13.9	14.1	14.5	14.5	14.8	14.9	15.2	15.6	
	12H	14.9	15.2	15.4	15.6	16.0	16.1	16.3	16.5	16.7	17.2	
8H	4H	10.9	11.2	11.3	11.6	12.0	11.5	11.8	11.9	12.2	12.6	
	6H	13.4	13.6	13.8	14.0	14.5	14.1	14.4	14.6	14.8	15.2	
	8H	14.8	15.0	15.3	15.4	15.9	15.7	15.9	16.1	16.3	16.8	
	12H	16.4	16.6	16.9	17.1	17.6	17.4	17.6	17.9	18.1	18.5	
12H	4H	11.2	11.5	11.6	11.9	12.3	11.7	12.0	12.1	12.4	12.8	
	6H	13.7	13.9	14.2	14.4	14.8	14.4	14.6	14.9	15.1	15.5	
	8H	15.3	15.4	15.8	15.9	16.4	16.1	16.2	16.6	16.7	17.2	
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 2500lm Total Luminous Flux												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 10 SPOT DIM PUSH 2700K N
Reference	A3185120N
Color	Matt black
RAL	9005
Category	CEILING RECESSED

PRODUCT

Light source	LED
Gross luminous flux	1900 Lm
Power	21 W
Power values of the system	23,86 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

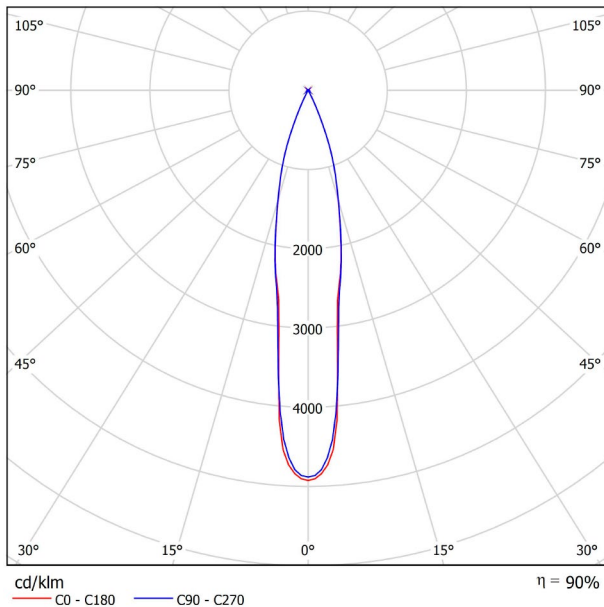
Ingress Protection	IP20
Recess measurements	50 × 437 mm.
Weight	810 g.
Packaged weight	1135 g.
Packaging dimensions	D105 × 580 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

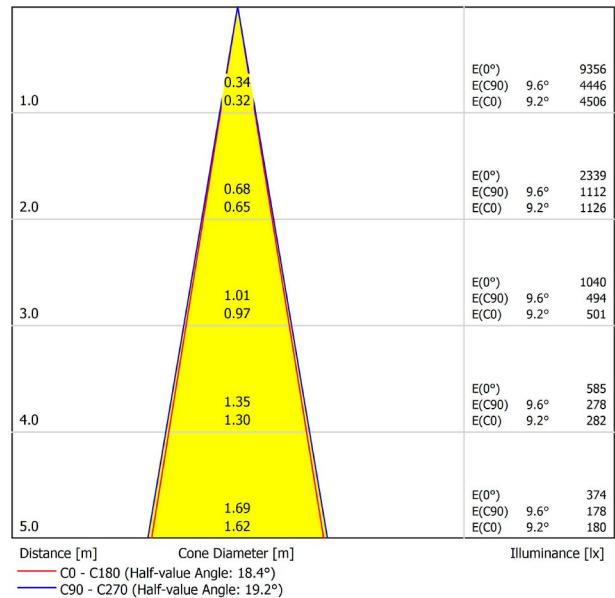


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POLAR DIAGRAM



CONICAL DIAGRAM

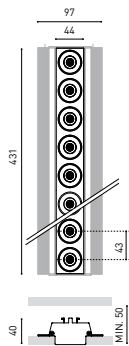


UGR

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	1.8	2.5	2.1	2.7	2.9	2.7	3.3	2.9	3.5	3.7	
	3H	5.3	5.9	5.6	6.2	6.4	6.6	7.2	6.8	7.4	7.6	
	4H	7.3	7.9	7.6	8.1	8.4	8.4	9.0	8.7	9.2	9.5	
	6H	9.5	10.1	9.8	10.3	10.6	10.7	11.2	11.0	11.5	11.8	
	8H	10.7	11.2	11.0	11.5	11.8	11.9	12.4	12.3	12.7	13.0	
	12H	12.0	12.5	12.4	12.8	13.1	13.3	13.8	13.7	14.1	14.4	
4H	2H	3.2	3.8	3.5	4.0	4.3	3.7	4.3	4.0	4.6	4.8	
	3H	6.9	7.4	7.3	7.7	8.0	7.8	8.3	8.1	8.6	8.9	
	4H	9.0	9.4	9.4	9.7	10.1	9.8	10.2	10.2	10.6	10.9	
	6H	11.3	11.6	11.7	12.0	12.4	12.2	12.6	12.6	12.9	13.3	
	8H	12.5	12.8	12.9	13.2	13.6	13.6	13.9	14.0	14.3	14.7	
	12H	14.0	14.2	14.4	14.6	15.1	15.1	15.4	15.5	15.8	16.2	
8H	4H	10.0	10.3	10.4	10.7	11.1	10.6	10.9	11.0	11.3	11.7	
	6H	12.4	12.7	12.9	13.1	13.5	13.2	13.4	13.6	13.8	14.3	
	8H	13.8	14.0	14.3	14.5	14.9	14.7	14.9	15.2	15.4	15.8	
	12H	15.5	15.6	16.0	16.1	16.6	16.5	16.6	17.0	17.1	17.6	
12H	4H	10.2	10.5	10.7	10.9	11.3	10.8	11.0	11.2	11.4	11.9	
	6H	12.8	13.0	13.3	13.4	13.9	13.5	13.7	13.9	14.1	14.6	
	8H	14.3	14.5	14.8	15.0	15.4	15.1	15.3	15.6	15.7	16.2	
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 1900lm Total Luminous Flux												



DIMENSIONS



AWARDS



Name	BLACK FOSTER TRI 10 SPOT DIM PUSH 2700K NMG
Reference	A3185120NMG
Color	Matt black-Metallized gold
RAL	Metalllic finish
Category	CEILING RECESSED

PRODUCT

Light source	LED
Gross luminous flux	1900 Lm
Power	21 W
Power values of the system	23,86 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

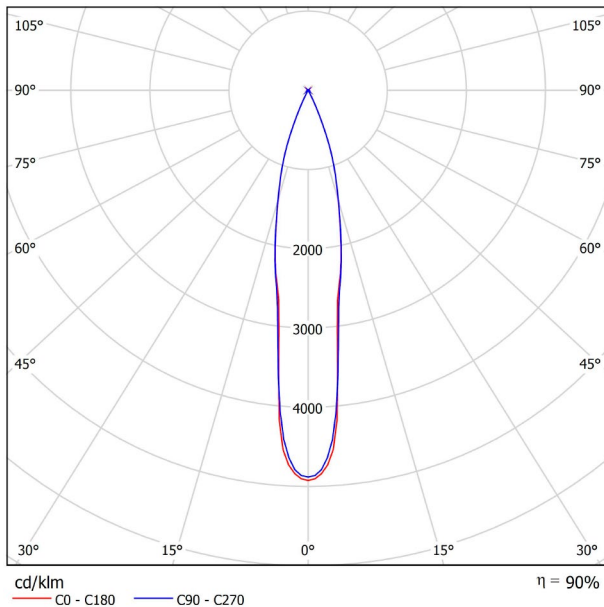
Ingress Protection	IP20
Recess measurements	50 × 437 mm.
Weight	810 g.
Packaged weight	1135 g.
Packaging dimensions	D105 × 580 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

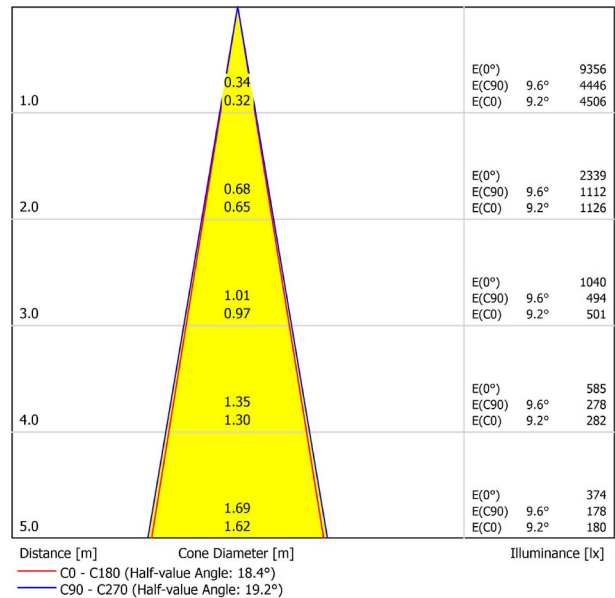


Black Foster is the product that transfers the claimed effect "The Invisible Black" to a recessed-isolated lineal luminary; also available in trimless version. If we take a closer view to the recessed model, its bezel is so thin than when lighted up, it is unperceived; offering an aesthetic of "visual 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	1.8	2.5	2.1	2.7	2.9	2.7	3.3	2.9	3.5	3.7	
	3H	5.3	5.9	5.6	6.2	6.4	6.6	7.2	6.8	7.4	7.6	
	4H	7.3	7.9	7.6	8.1	8.4	8.4	9.0	8.7	9.2	9.5	
	6H	9.5	10.1	9.8	10.3	10.6	10.7	11.2	11.0	11.5	11.8	
	8H	10.7	11.2	11.0	11.5	11.8	11.9	12.4	12.3	12.7	13.0	
	12H	12.0	12.5	12.4	12.8	13.1	13.3	13.8	13.7	14.1	14.4	
4H	2H	3.2	3.8	3.5	4.0	4.3	3.7	4.3	4.0	4.6	4.8	
	3H	6.9	7.4	7.3	7.7	8.0	7.8	8.3	8.1	8.6	8.9	
	4H	9.0	9.4	9.4	9.7	10.1	9.8	10.2	10.2	10.6	10.9	
	6H	11.3	11.6	11.7	12.0	12.4	12.2	12.6	12.6	12.9	13.3	
	8H	12.5	12.8	12.9	13.2	13.6	13.6	13.9	14.0	14.3	14.7	
	12H	14.0	14.2	14.4	14.6	15.1	15.1	15.4	15.5	15.8	16.2	
8H	4H	10.0	10.3	10.4	10.7	11.1	10.6	10.9	11.0	11.3	11.7	
	6H	12.4	12.7	12.9	13.1	13.5	13.2	13.4	13.6	13.8	14.3	
	8H	13.8	14.0	14.3	14.5	14.9	14.7	14.9	15.2	15.4	15.8	
	12H	15.5	15.6	16.0	16.1	16.6	16.5	16.6	17.0	17.1	17.6	
12H	4H	10.2	10.5	10.7	10.9	11.3	10.8	11.0	11.2	11.4	11.9	
	6H	12.8	13.0	13.3	13.4	13.9	13.5	13.7	13.9	14.1	14.6	
	8H	14.3	14.5	14.8	15.0	15.4	15.1	15.3	15.6	15.7	16.2	
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 1900lm Total Luminous Flux												