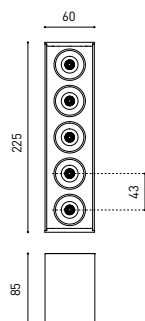




DIMENSIONS



AWARDS



Name	BLACK FOSTER SURF 5 SPOT DIM DALI 3000K WT
Reference	A3204121WT
Color	Textured white
RAL	9016
Category	SURFACE

PRODUCT

Light source	LED
Gross luminous flux	1050 Lm
Power	10,5 W
Power values of the system	12,21 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
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

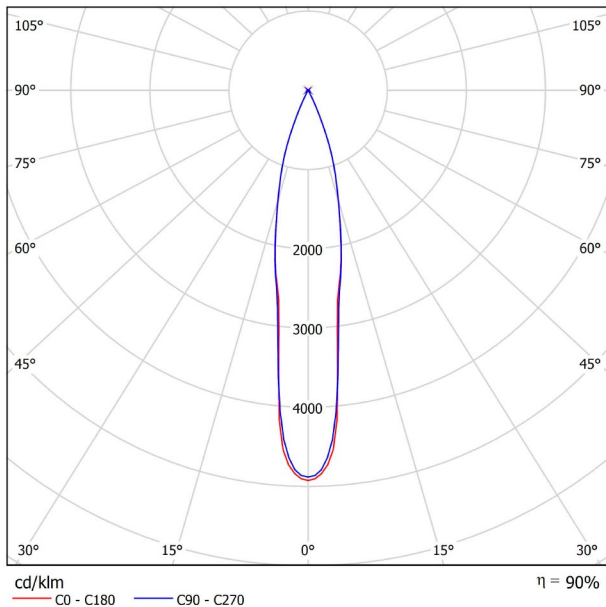
Ingress Protection	IP20
Weight	800 g.
Packaged weight	850 g.
Packaging dimensions	254 × 93 × 70 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

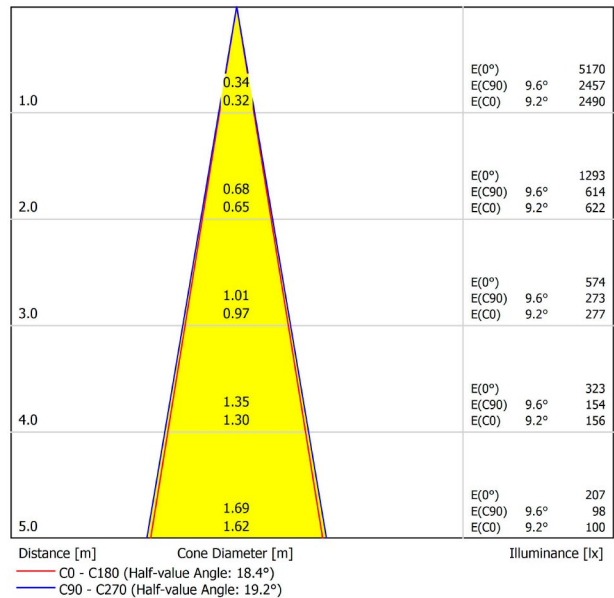


Black Foster Surface is the product that transfers the claimed effect "The Invisible Black" to a linear system in surface application. Black Foster has a very discrete presence in the interior design due to its reduced dimensions and its extremely low glare helping the piece not to gain much prominence.

POLAR DIAGRAM



CONICAL DIAGRAM

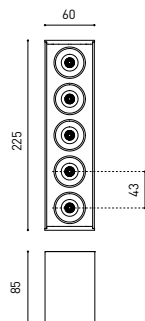


UGR

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 SURF 5 SPOT DIM DALI 3000K WTMG
Reference	A3204121WTMG
Color	Textured white-Metallized gold
RAL	Metallic finish
Category	SURFACE

PRODUCT

Light source	LED
Gross luminous flux	1050 Lm
Power	10,5 W
Power values of the system	12,21 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
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

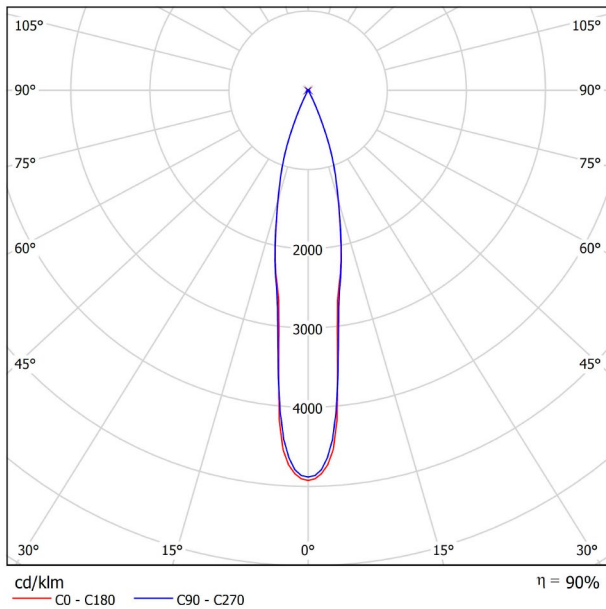
Ingress Protection	IP20
Weight	800 g.
Packaged weight	850 g.
Packaging dimensions	254 x 93 x 70 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

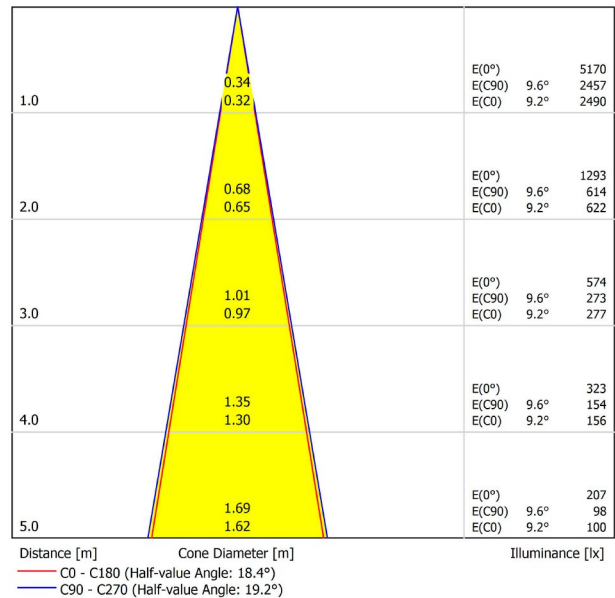


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POLAR DIAGRAM



CONICAL DIAGRAM

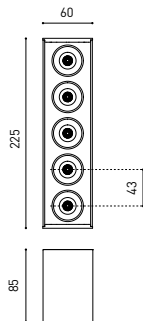


UGR

Glare Evaluation According to UGR												
ρ Ceiling		70	70	50	50	30	70	70	50	50	30	
ρ Walls		50	30	50	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	
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 SURF 5 SPOT DIM DALI 4000K NT
Reference	A3204122NT
Color	Textured black
RAL	9005
Category	SURFACE

PRODUCT

Light source	LED
Gross luminous flux	1250 Lm
Power	10,5 W
Power values of the system	12,21 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
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

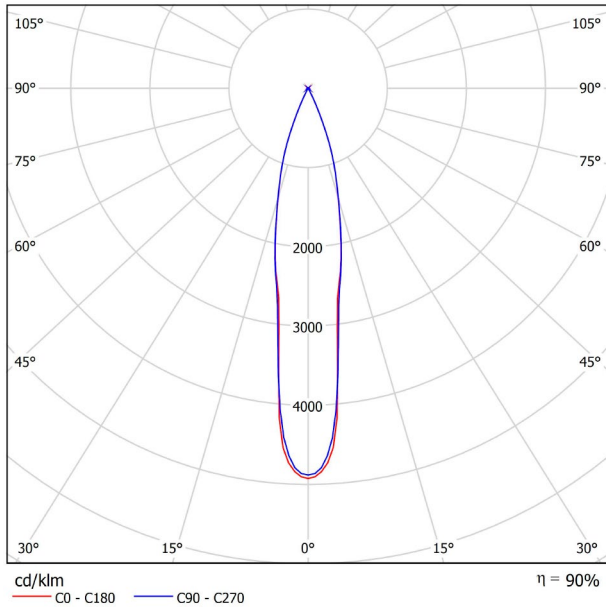
Ingress Protection	IP20
Weight	800 g.
Packaged weight	850 g.
Packaging dimensions	254 × 93 × 70 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

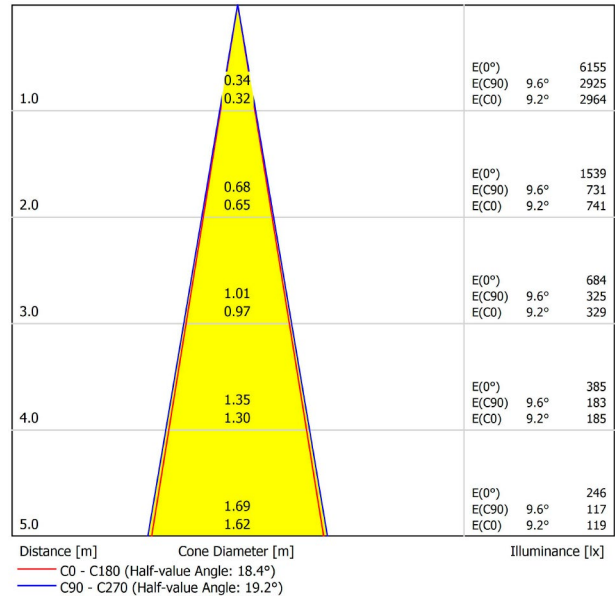


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POLAR DIAGRAM



CONICAL DIAGRAM

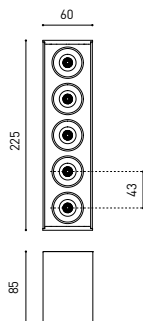


UGR

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

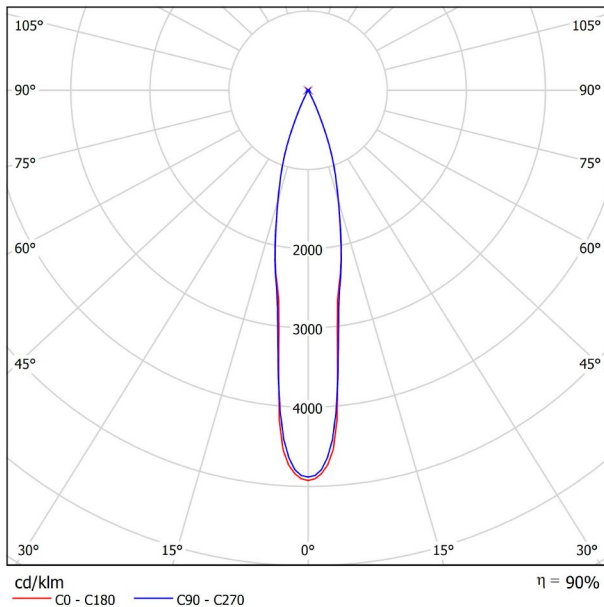


PRODUCT	
Name	BLACK FOSTER SURF 5 SPOT 2700K NT
Reference	A3204110NT
Color	Textured black
RAL	9005
Category	SURFACE
LIGHTING INFORMATION	
Light source	LED
Gross luminous flux	950 Lm
Power	10,5 W
Power values of the system	14,00 W
Colour temperature	2700 K
Colour Rendering Index	CRI>90
Chromatic stability	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
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
Weight	720 g.
Packaged weight	770 g.
Packaging dimensions	254 × 93 × 70 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

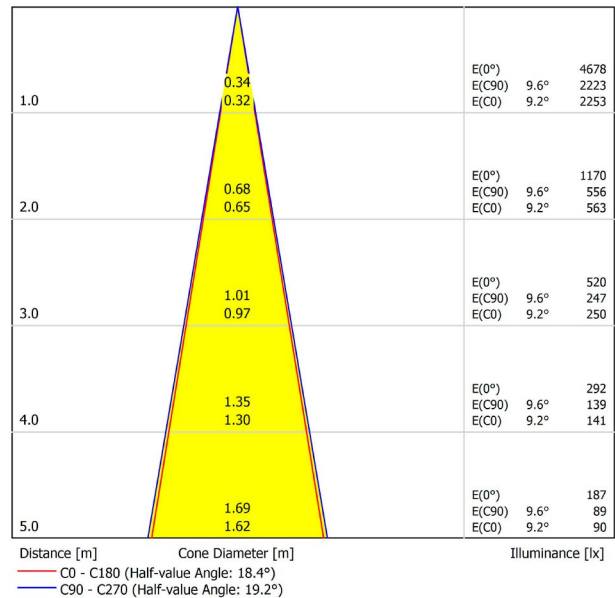


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POLAR DIAGRAM



CONICAL DIAGRAM

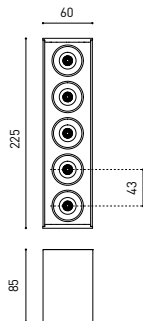


UGR

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

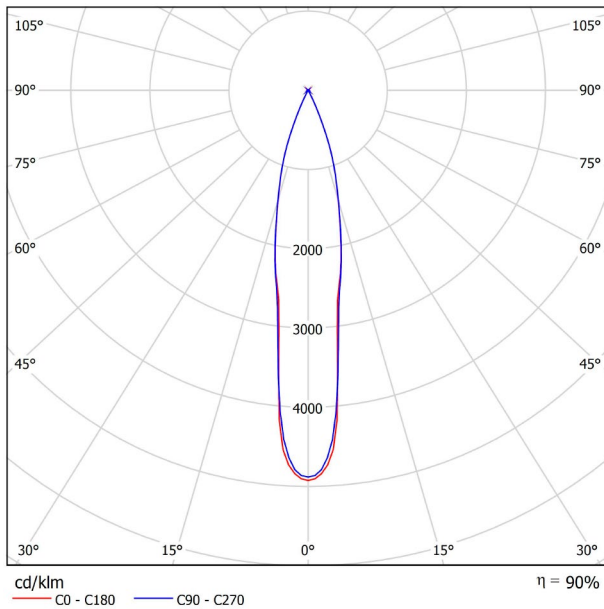


PRODUCT	
Name	BLACK FOSTER SURF 5 SPOT 2700K NTMG
Reference	A3204110NTMG
Color	Textured black-Metallized gold
RAL	Metallic finish
Category	SURFACE
LIGHTING INFORMATION	
Light source	LED
Gross luminous flux	950 Lm
Power	10,5 W
Power values of the system	12,21 W
Colour temperature	2700 K
Colour Rendering 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
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
Weight	720 g.
Packaged weight	770 g.
Packaging dimensions	254 × 93 × 70 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

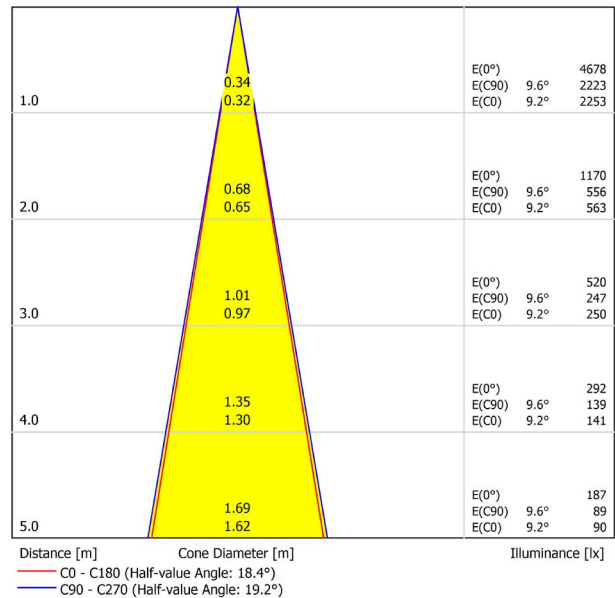


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POLAR DIAGRAM



CONICAL DIAGRAM

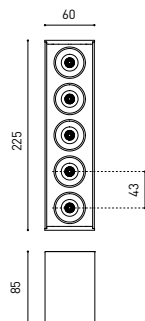


UGR

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	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	
12H	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	
	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 SURF 5 SPOT 2700K WT
Reference	A3204110WT
Color	Textured white
RAL	9016
Category	SURFACE

PRODUCT

Light source	LED
Gross luminous flux	950 Lm
Power	10,5 W
Power values of the system	14,00 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
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

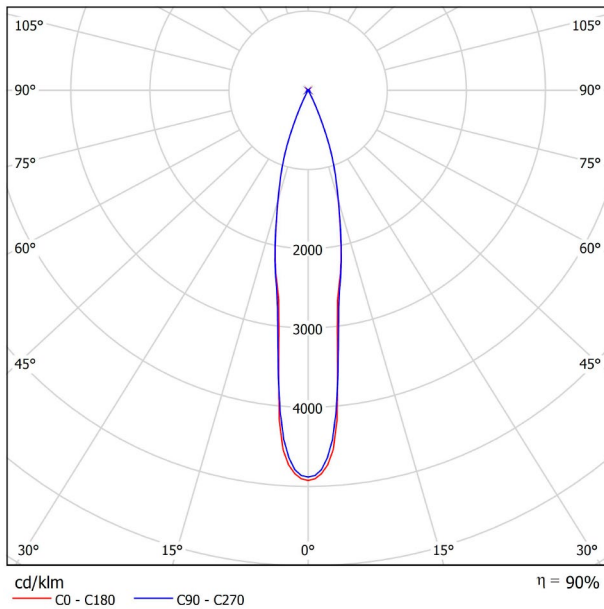
Ingress Protection	IP20
Weight	720 g.
Packaged weight	770 g.
Packaging dimensions	254 × 93 × 70 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

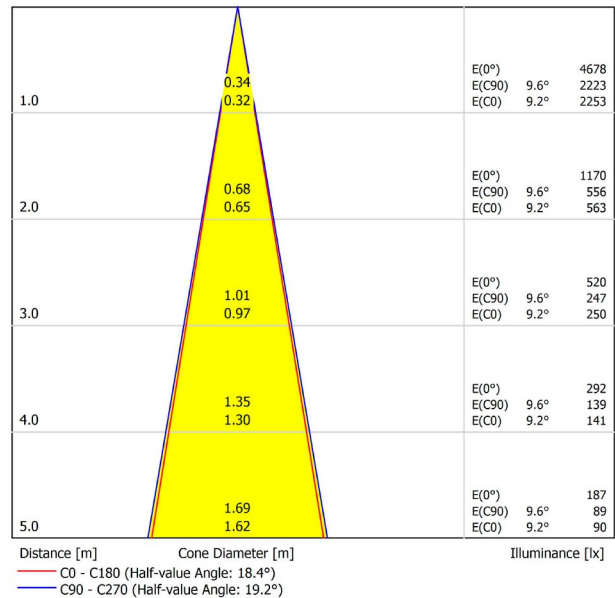


Black Foster Surface is the product that transfers the claimed effect “The Invisible Black” to a linear system in surface application. Black Foster has a very discrete presence in the interior design due to its reduced dimensions and its extremely low glare helping the piece not to gain much prominence.

POLAR DIAGRAM



CONICAL DIAGRAM

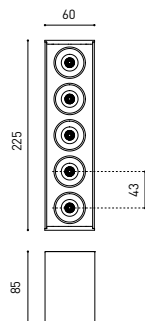


UGR

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 SURF 5 SPOT 2700K WTMG
Reference	A3204110WTMG
Color	Textured white-Metallized gold
RAL	Metallic finish
Category	SURFACE

PRODUCT

Light source	LED
Gross luminous flux	950 Lm
Power	10,5 W
Power values of the system	12,21 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
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

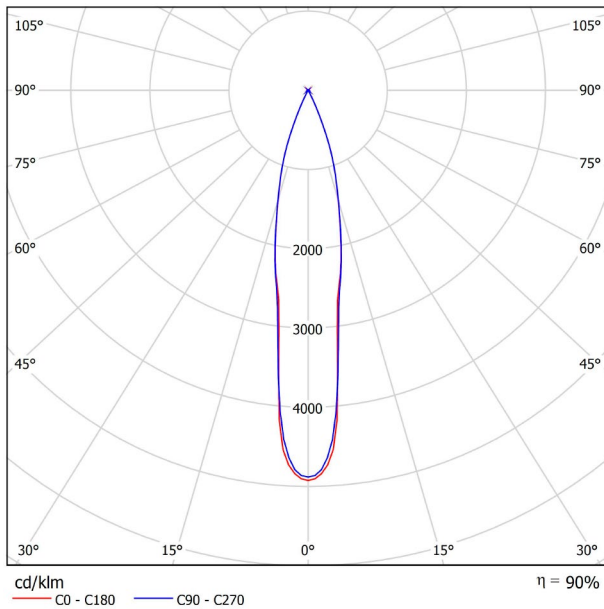
Ingress Protection	IP20
Weight	720 g.
Packaged weight	770 g.
Packaging dimensions	254 × 93 × 70 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

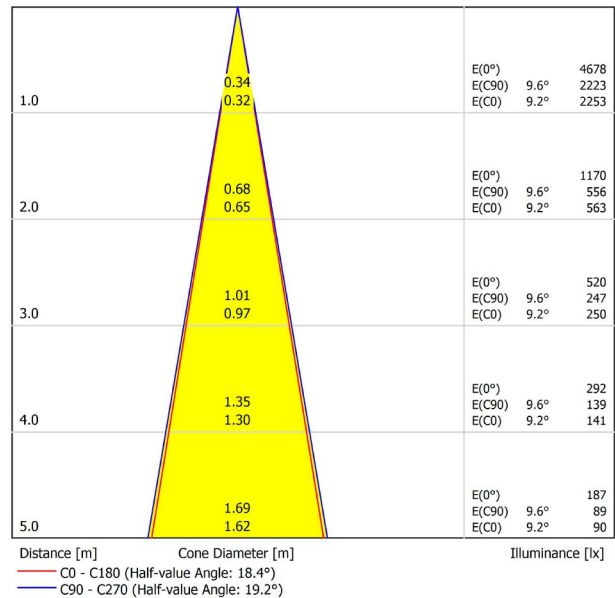


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POLAR DIAGRAM



CONICAL DIAGRAM

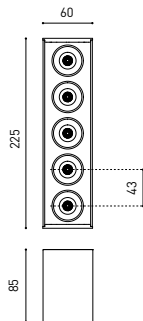


UGR

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	
	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

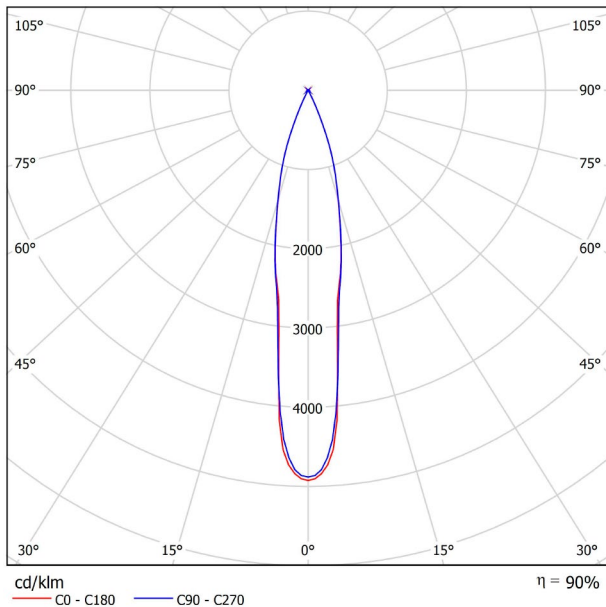


PRODUCT	
Name	BLACK FOSTER SURF 5 SPOT 3000K NT
Reference	A3204111NT
Color	Textured black
RAL	9005
Category	SURFACE
LIGHTING INFORMATION	
Light source	LED
Gross luminous flux	1050 Lm
Power	10,5 W
Power values of the system	14,00 W
Colour temperature	3000 K
Colour Rendering Index	CRI>90
Chromatic stability	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
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
Weight	720 g.
Packaged weight	770 g.
Packaging dimensions	254 × 93 × 70 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

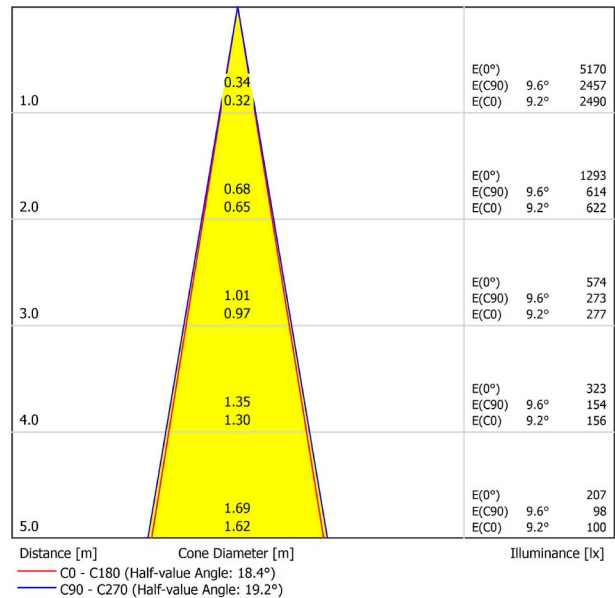


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POLAR DIAGRAM



CONICAL DIAGRAM

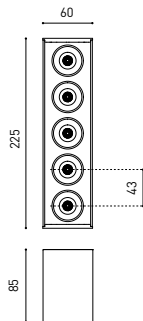


UGR

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

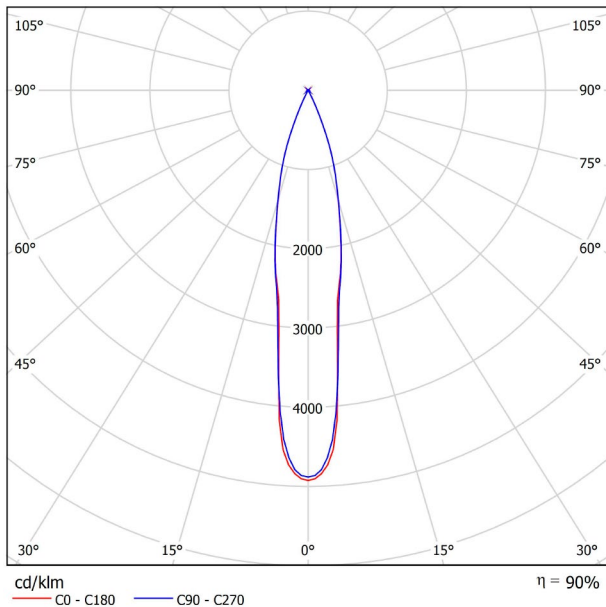


PRODUCT	
Name	BLACK FOSTER SURF 5 SPOT 3000K NTMG
Reference	A3204111NTMG
Color	Textured black-Metallized gold
RAL	Metallic finish
Category	SURFACE
LIGHTING INFORMATION	
Light source	LED
Gross luminous flux	1050 Lm
Power	10,5 W
Power values of the system	12,21 W
Colour temperature	3000 K
Colour Rendering 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
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
Weight	720 g.
Packaged weight	770 g.
Packaging dimensions	254 x 93 x 70 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

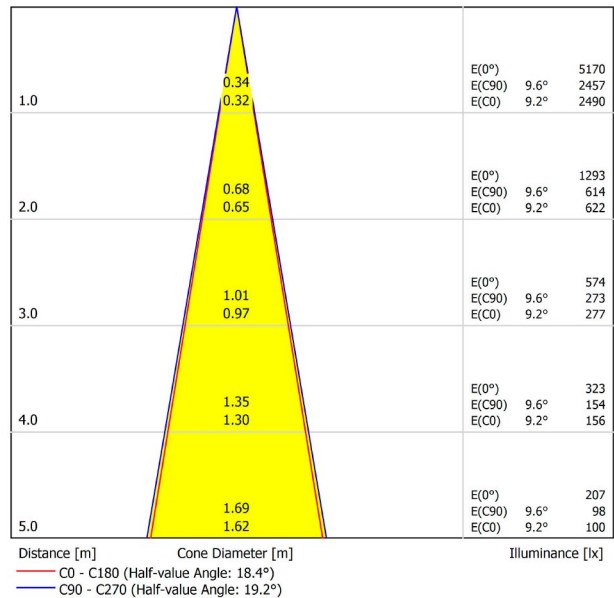


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POLAR DIAGRAM



CONICAL DIAGRAM

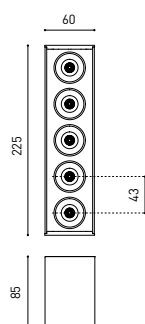


UGR

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 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



DESIGN
AWARD
2019



INTERIOR
DESIGN

Name	BLACK FOSTER SURF 5 SPOT 3000K WT
Reference	A3204111WT
Color	Textured white
RAL	9016
Category	SURFACE

PRODUCT

Light source	LED
Gross luminous flux	1050 Lm
Power	10,5 W
Power values of the system	14,00 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
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

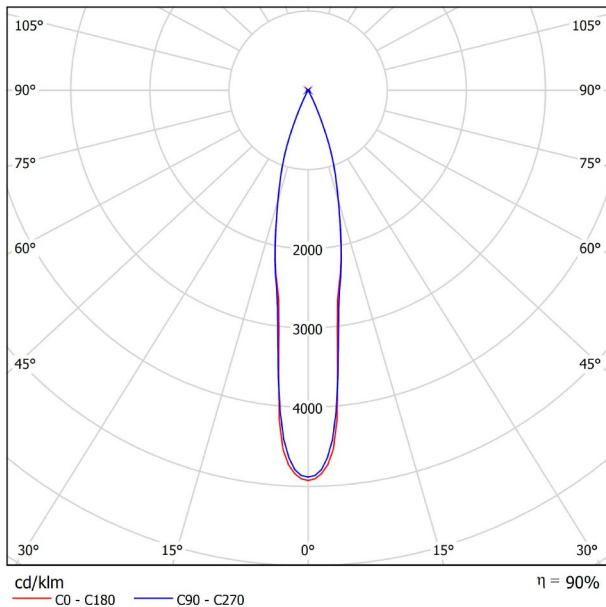
Ingress Protection	IP20
Weight	720 g.
Packaged weight	770 g.
Packaging dimensions	254 × 93 × 70 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

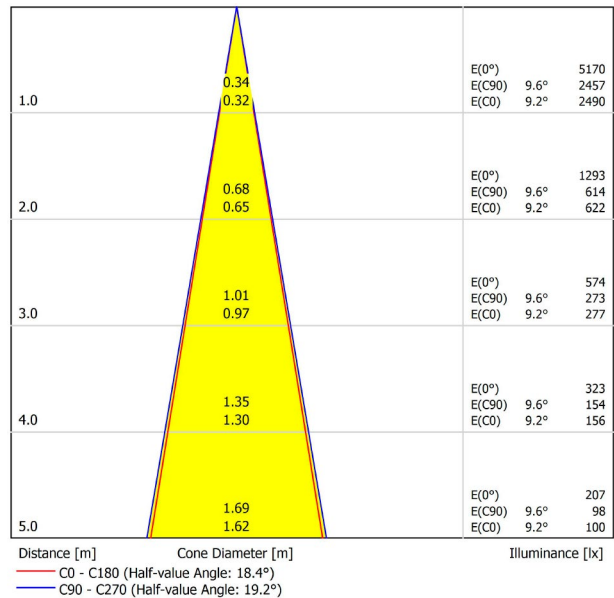


Black Foster Surface is the product that transfers the claimed effect “The Invisible Black” to a linear system in surface application. Black Foster has a very discrete presence in the interior design due to its reduced dimensions and its extremely low glare helping the piece not to gain much prominence.

POLAR DIAGRAM



CONICAL DIAGRAM

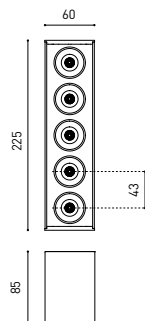


UGR

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 SURF 5 SPOT 3000K WTMG
Reference	A3204111WTMG
Color	Textured white-Metallized gold
RAL	Metallic finish
Category	SURFACE

PRODUCT

Light source	LED
Gross luminous flux	1050 Lm
Power	10,5 W
Power values of the system	12,21 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
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

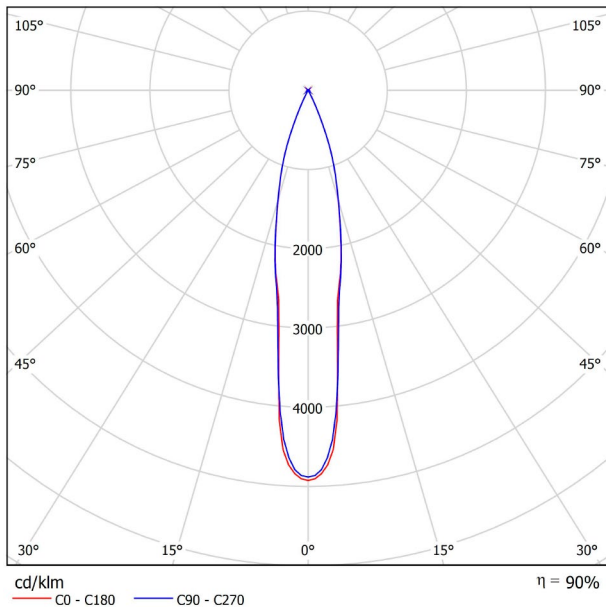
Ingress Protection	IP20
Weight	720 g.
Packaged weight	770 g.
Packaging dimensions	254 × 93 × 70 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

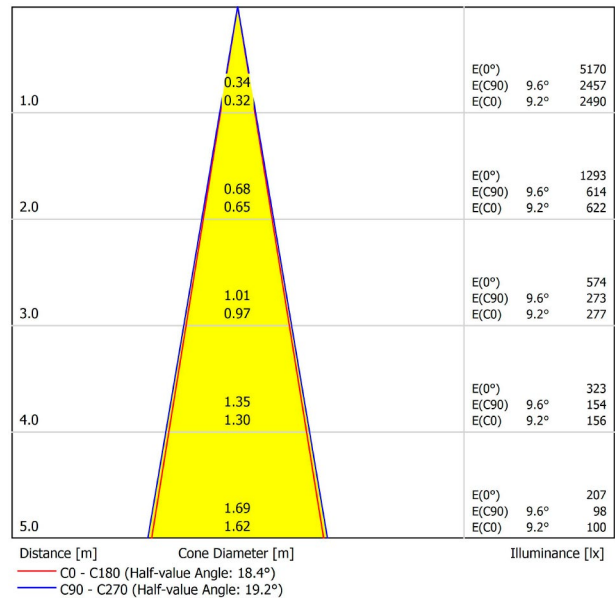


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POLAR DIAGRAM



CONICAL DIAGRAM

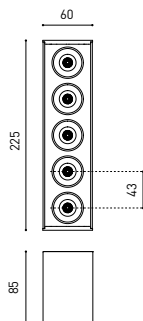


UGR

Glare Evaluation According to UGR											
ρ Ceiling		70	70	50	50	30	70	70	50	50	30
ρ Walls		50	30	50	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
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 SURF 5 SPOT 4000K NT
Reference	A3204112NT
Color	Textured black
RAL	9005
Category	SURFACE

PRODUCT

Light source	LED
Gross luminous flux	1250 Lm
Power	10,5 W
Power values of the system	14,00 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
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

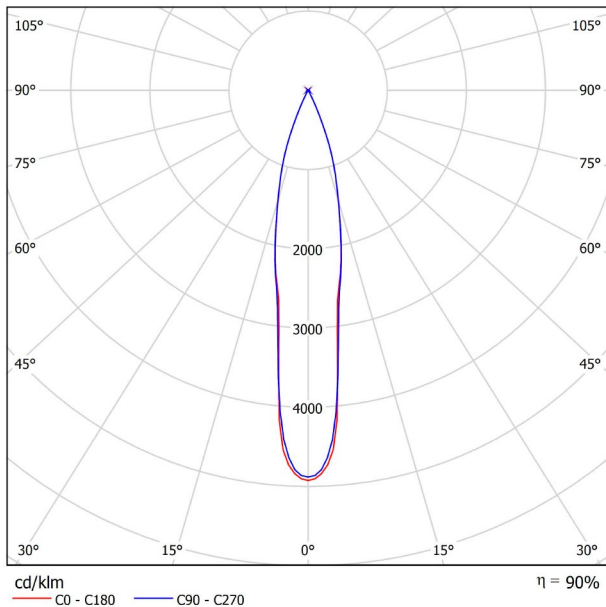
Ingress Protection	IP20
Weight	720 g.
Packaged weight	770 g.
Packaging dimensions	254 × 93 × 70 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

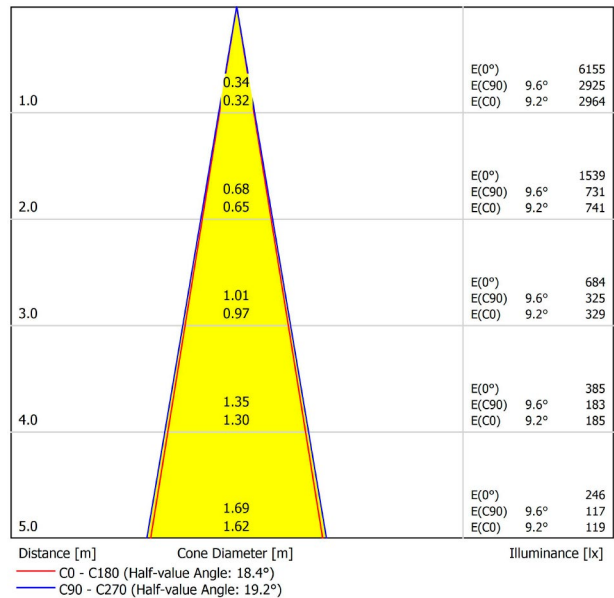


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POLAR DIAGRAM



CONICAL DIAGRAM

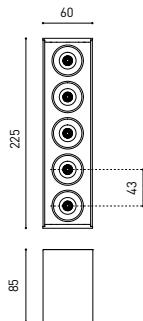


UGR

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

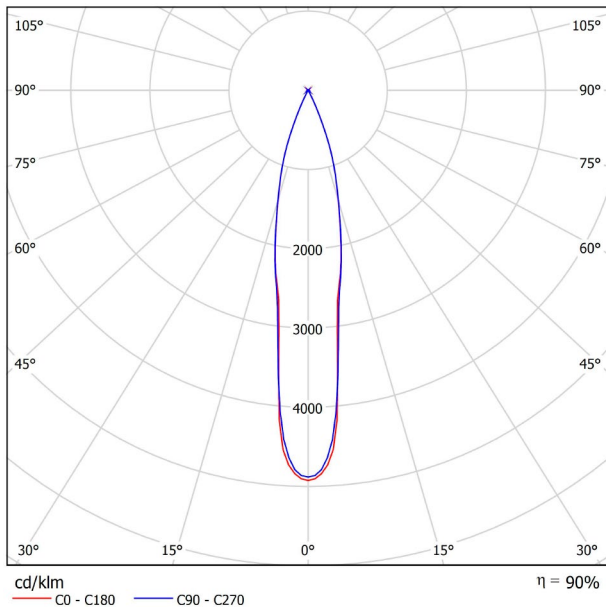


PRODUCT	
Name	BLACK FOSTER SURF 5 SPOT 4000K NTMG
Reference	A3204112NTMG
Color	Textured black-Metallized gold
RAL	Metallic finish
Category	SURFACE
LIGHTING INFORMATION	
Light source	LED
Gross luminous flux	1250 Lm
Power	10,5 W
Power values of the system	12,21 W
Colour temperature	4000 K
Colour Rendering 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
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
Weight	720 g.
Packaged weight	770 g.
Packaging dimensions	254 × 93 × 70 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

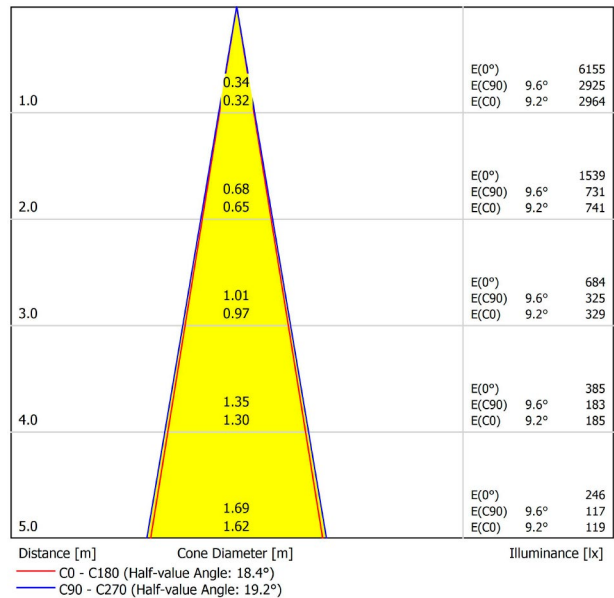


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POLAR DIAGRAM



CONICAL DIAGRAM

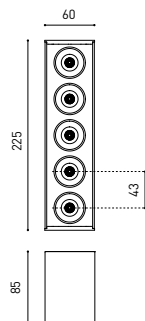


UGR

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 SURF 5 SPOT 4000K WT
Reference	A3204112WT
Color	Textured white
RAL	9016
Category	SURFACE

PRODUCT

Light source	LED
Gross luminous flux	1250 Lm
Power	10,5 W
Power values of the system	14,00 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
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

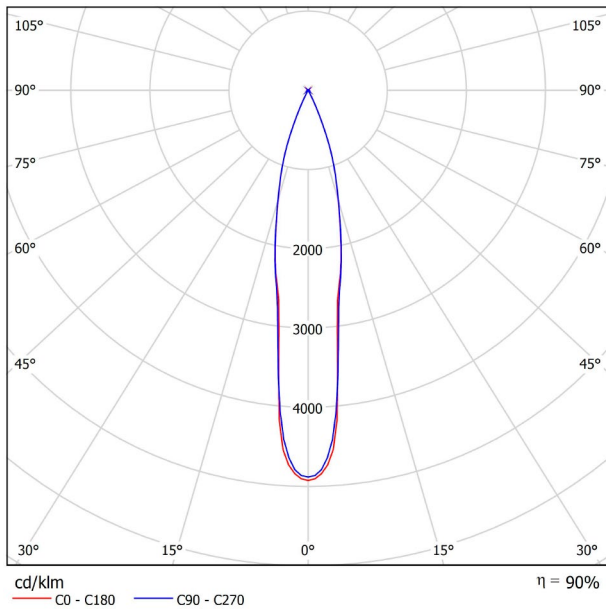
Ingress Protection	IP20
Weight	720 g.
Packaged weight	770 g.
Packaging dimensions	254 × 93 × 70 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

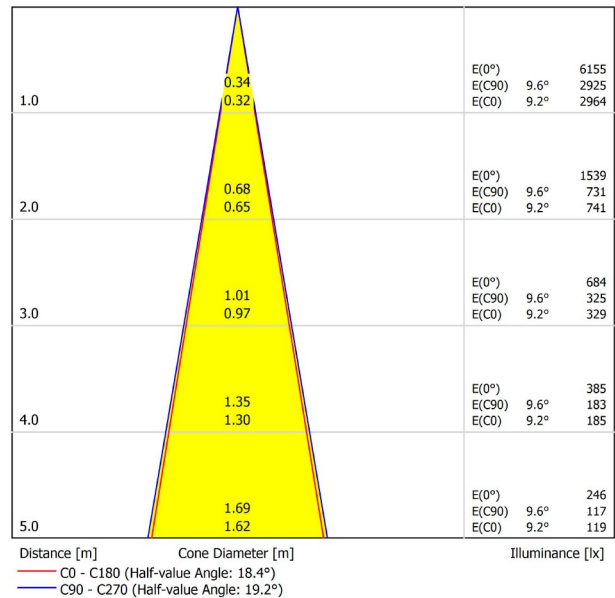


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POLAR DIAGRAM



CONICAL DIAGRAM

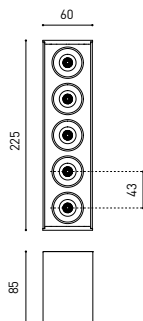


UGR

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 SURF 5 SPOT 4000K WTMG
Reference	A3204112WTMG
Color	Textured white-Metallized gold
RAL	Metallic finish
Category	SURFACE

PRODUCT

Light source	LED
Gross luminous flux	1250 Lm
Power	10,5 W
Power values of the system	12,21 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
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

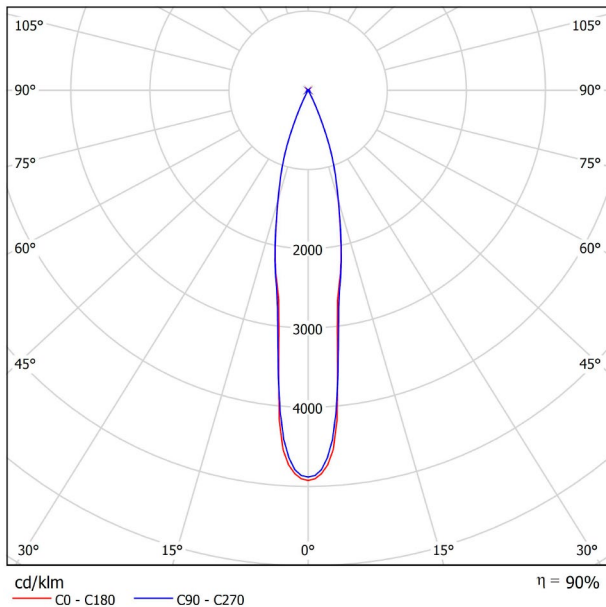
Ingress Protection	IP20
Weight	720 g.
Packaged weight	770 g.
Packaging dimensions	254 × 93 × 70 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

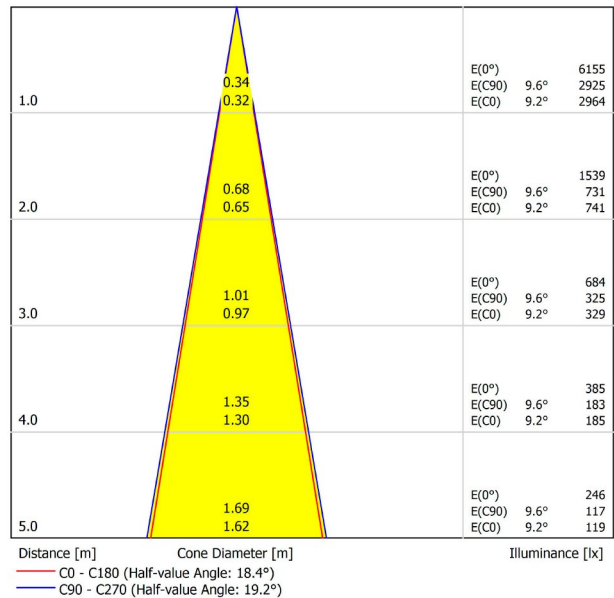


Black Foster Surface is the product that transfers the claimed effect “The Invisible Black” to a linear system in surface application. Black Foster has a very discrete presence in the interior design due to its reduced dimensions and its extremely low glare helping the piece not to gain much prominence.

POLAR DIAGRAM



CONICAL DIAGRAM

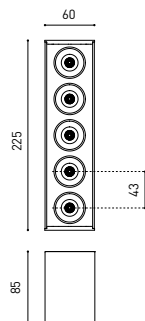


UGR

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 SURF 5 SPOT DIM DALI 2700K NT
Reference	A3204120NT
Color	Textured black
RAL	9005
Category	SURFACE

PRODUCT

Light source	LED
Gross luminous flux	950 Lm
Power	10,5 W
Power values of the system	12,21 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
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

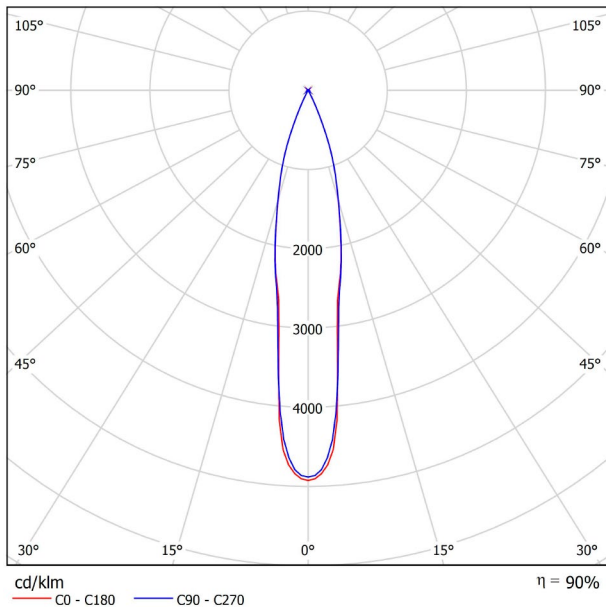
Ingress Protection	IP20
Weight	800 g.
Packaged weight	850 g.
Packaging dimensions	254 × 93 × 70 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

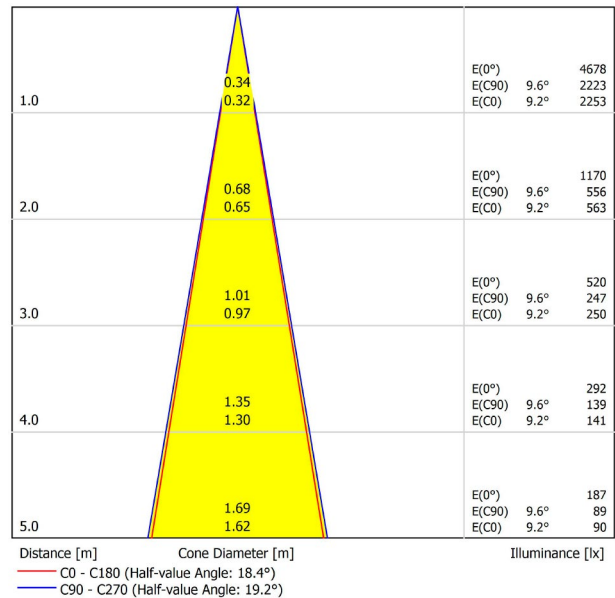


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POLAR DIAGRAM



CONICAL DIAGRAM

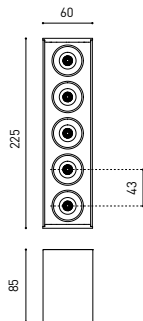


UGR

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	
	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 SURF 5 SPOT DIM DALI 2700K NTMG
Reference	A3204120NTMG
Color	Textured black-Metallized gold
RAL	Metallic finish
Category	SURFACE

PRODUCT

Light source	LED
Gross luminous flux	950 Lm
Power	10,5 W
Power values of the system	12,21 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
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

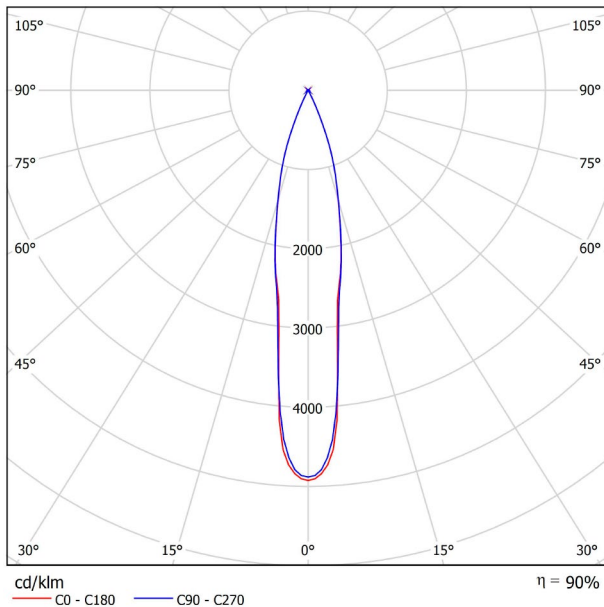
Ingress Protection	IP20
Weight	800 g.
Packaged weight	850 g.
Packaging dimensions	254 × 93 × 70 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

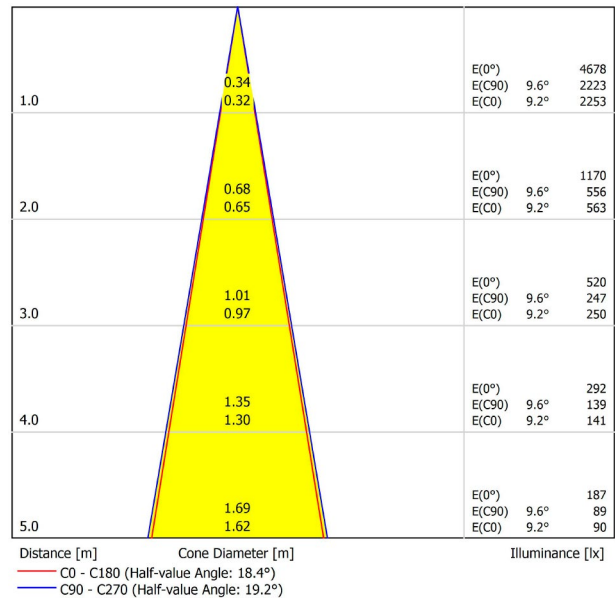


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POLAR DIAGRAM



CONICAL DIAGRAM

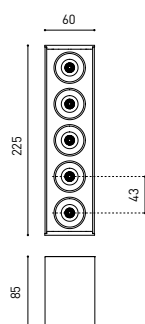


UGR

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	
	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 SURF 5 SPOT DIM DALI 2700K WT
Reference	A3204120WT
Color	Textured white
RAL	9016
Category	SURFACE

PRODUCT

Light source	LED
Gross luminous flux	950 Lm
Power	10,5 W
Power values of the system	12,21 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
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

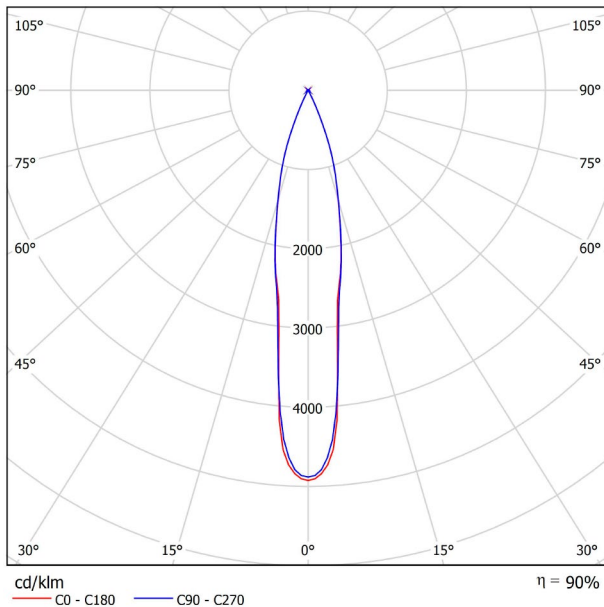
Ingress Protection	IP20
Weight	800 g.
Packaged weight	850 g.
Packaging dimensions	254 x 93 x 70 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

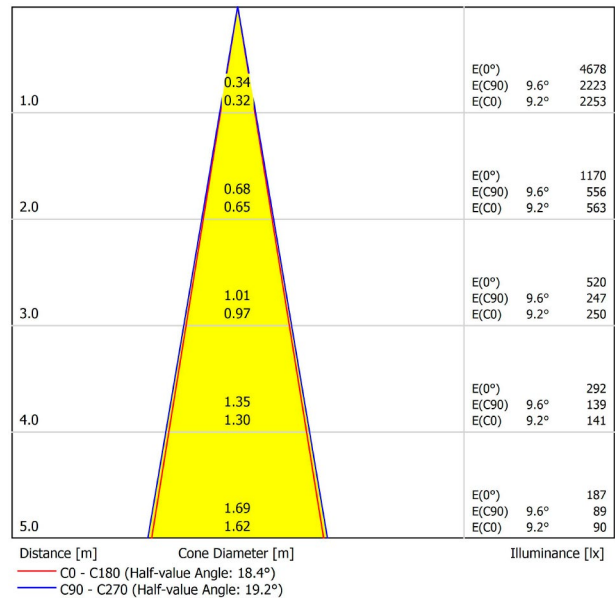


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POLAR DIAGRAM



CONICAL DIAGRAM

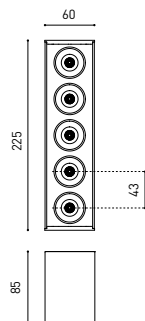


UGR

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	
	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 SURF 5 SPOT DIM DALI 2700K WTMG
Reference	A3204120WTMG
Color	Textured white-Metallized gold
RAL	Metallic finish
Category	SURFACE

PRODUCT

Light source	LED
Gross luminous flux	950 Lm
Power	10,5 W
Power values of the system	12,21 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
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

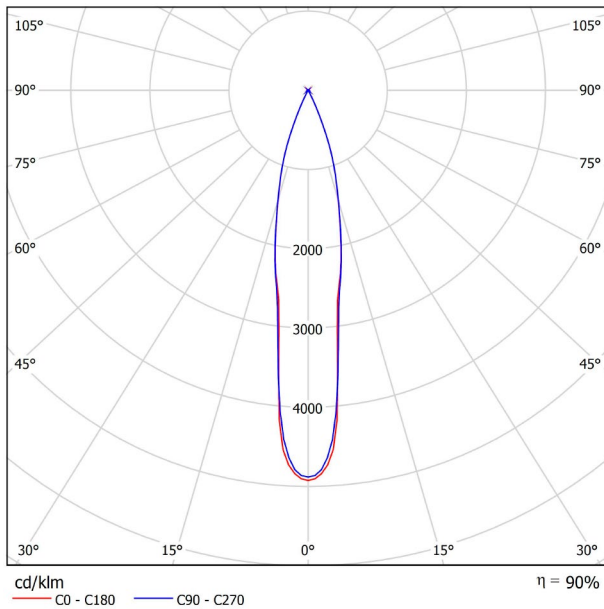
Ingress Protection	IP20
Weight	800 g.
Packaged weight	850 g.
Packaging dimensions	254 × 93 × 70 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

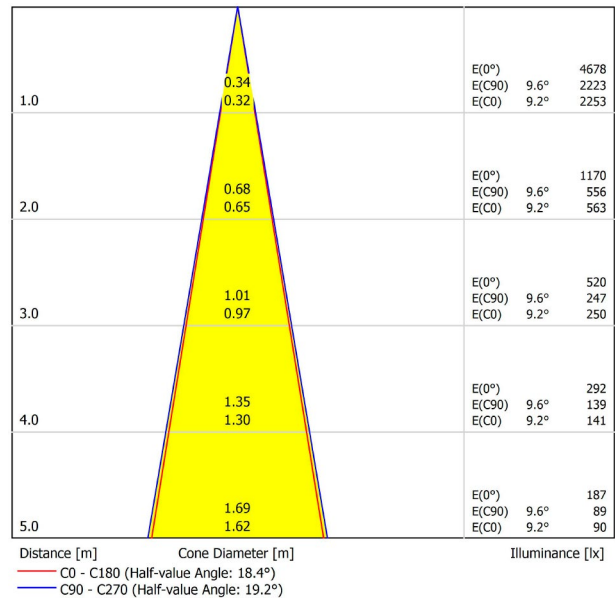


Black Foster Surface is the product that transfers the claimed effect “The Invisible Black” to a linear system in surface application. Black Foster has a very discrete presence in the interior design due to its reduced dimensions and its extremely low glare helping the piece not to gain much prominence.

POLAR DIAGRAM



CONICAL DIAGRAM

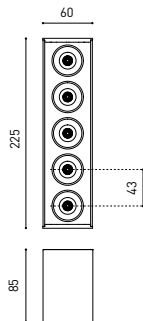


UGR

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 SURF 5 SPOT DIM DALI 3000K NT
Reference	A3204121NT
Color	Textured black
RAL	9005
Category	SURFACE

PRODUCT

Light source	LED
Gross luminous flux	1050 Lm
Power	10,5 W
Power values of the system	12,21 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
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

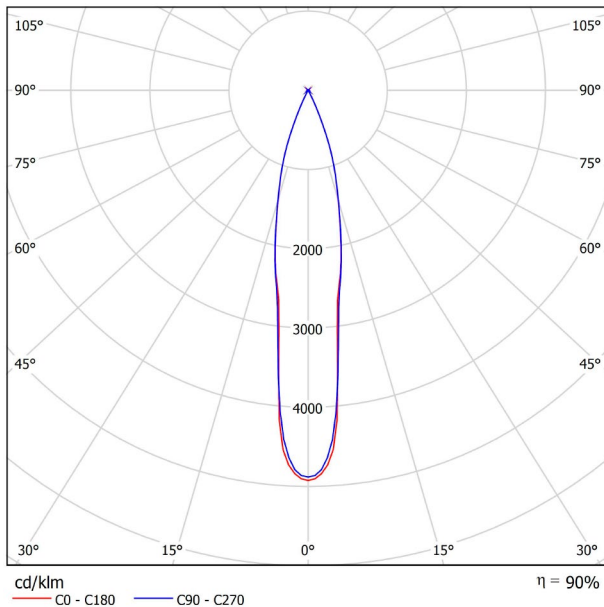
Ingress Protection	IP20
Weight	800 g.
Packaged weight	850 g.
Packaging dimensions	254 × 93 × 70 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

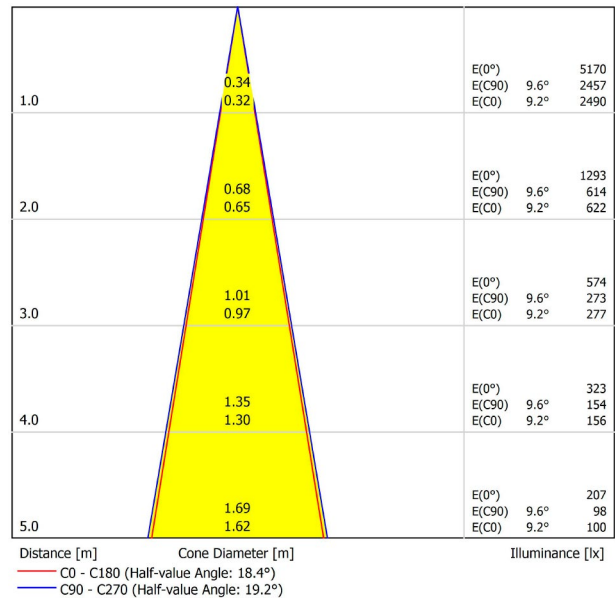


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POLAR DIAGRAM



CONICAL DIAGRAM

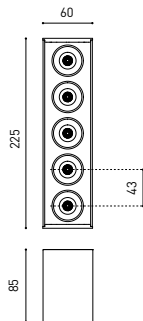


UGR

Glare Evaluation According to UGR												
ρ Ceiling		70	70	50	50	30		70	70	50	50	30
ρ Walls		50	30	50	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												



DIMENSIONS



AWARDS



Name	BLACK FOSTER SURF 5 SPOT DIM DALI 3000K NTMG
Reference	A3204121NTMG
Color	Textured black-Metallized gold
RAL	Metallic finish
Category	SURFACE

PRODUCT

Light source	LED
Gross luminous flux	1050 Lm
Power	10,5 W
Power values of the system	12,21 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
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

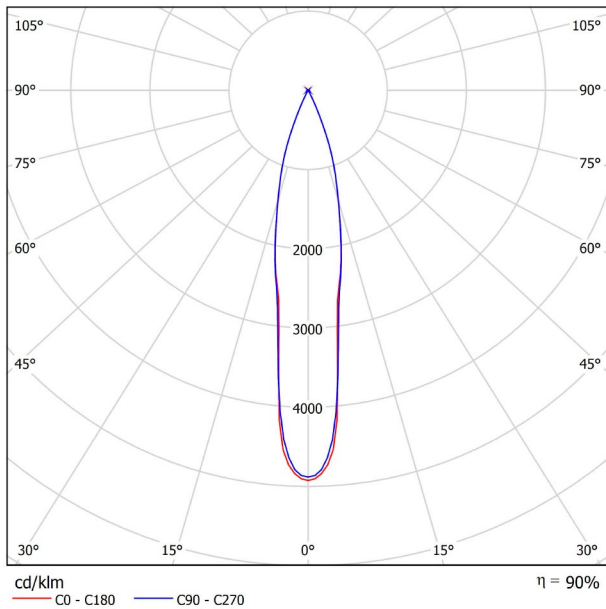
Ingress Protection	IP20
Weight	800 g.
Packaged weight	850 g.
Packaging dimensions	254 × 93 × 70 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

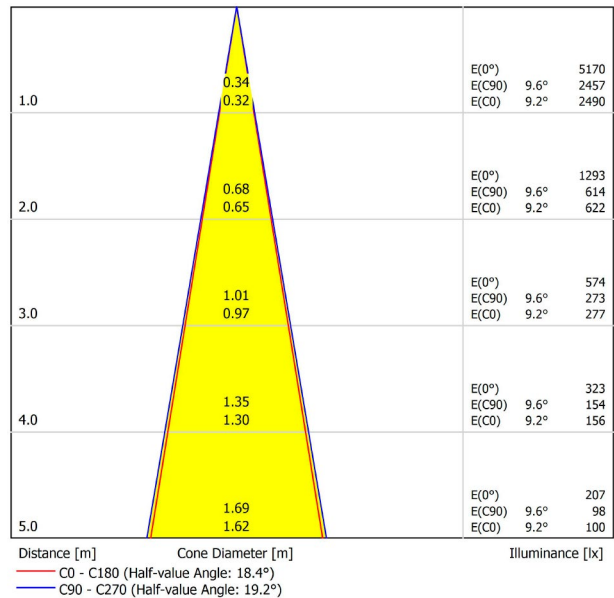


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POLAR DIAGRAM



CONICAL DIAGRAM

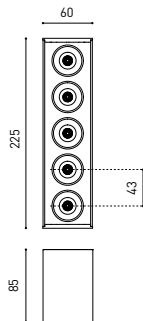


UGR

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	2.9	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 SURF 5 SPOT DIM PUSH 4000K NTMG
Reference	A3204132NTMG
Color	Textured black-Metallized gold
RAL	Metallic finish
Category	SURFACE

PRODUCT

Light source	LED
Gross luminous flux	1250 Lm
Power	10,5 W
Power values of the system	12,21 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
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

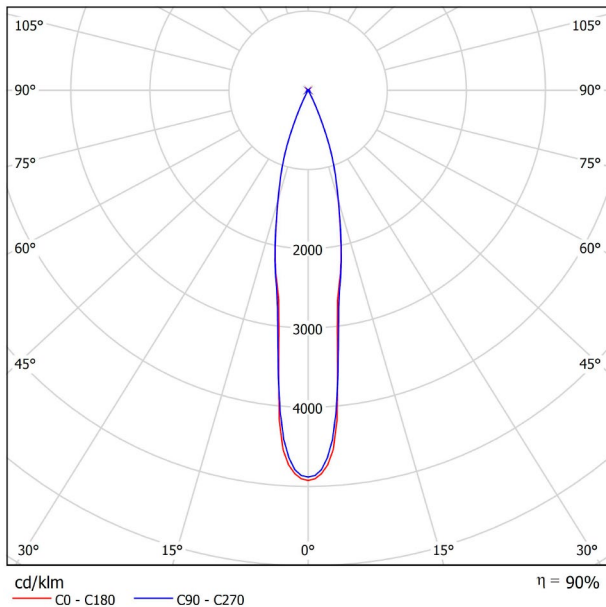
Ingress Protection	IP20
Weight	800 g.
Packaged weight	850 g.
Packaging dimensions	254 × 93 × 70 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

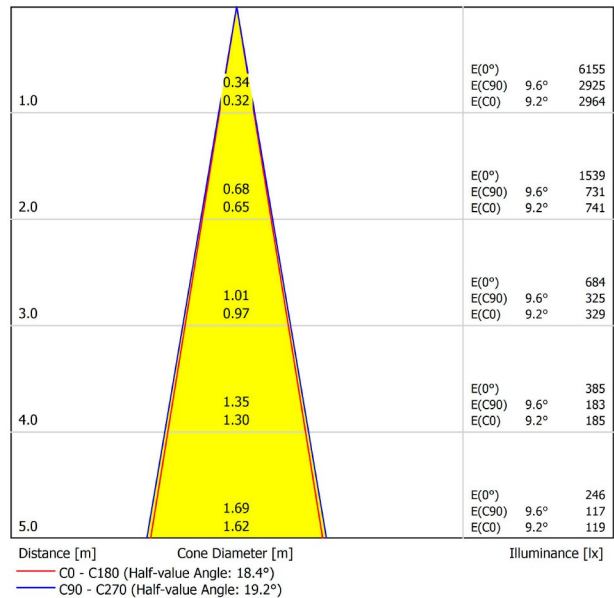


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POLAR DIAGRAM



CONICAL DIAGRAM

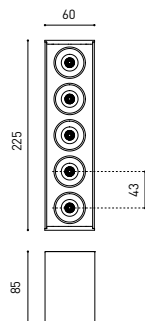


UGR

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	2.9	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 SURF 5 SPOT DIM PUSH 4000K WT
Reference	A3204132WT
Color	Textured white
RAL	9016
Category	SURFACE

PRODUCT

Light source	LED
Gross luminous flux	1250 Lm
Power	10,5 W
Power values of the system	12,21 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
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

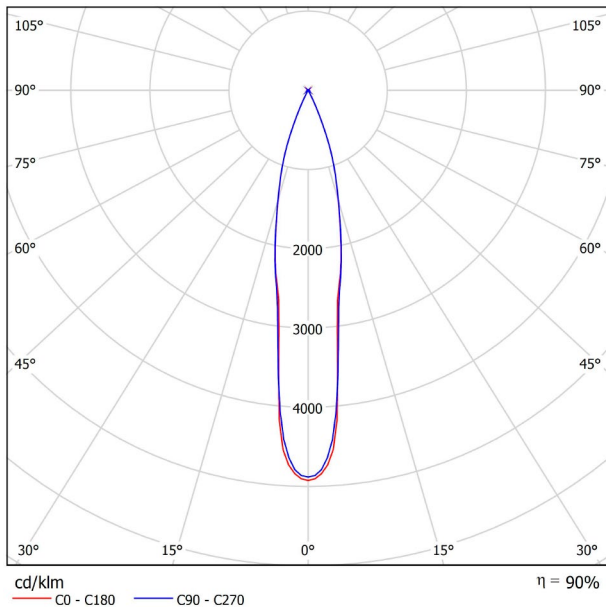
Ingress Protection	IP20
Weight	800 g.
Packaged weight	850 g.
Packaging dimensions	254 x 93 x 70 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

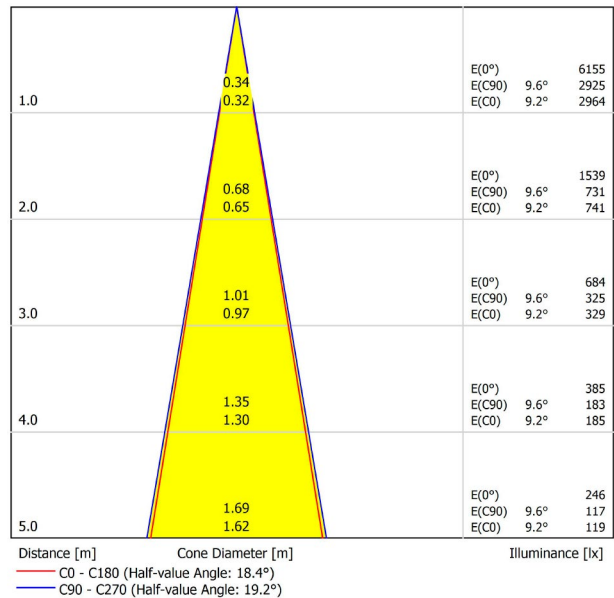


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POLAR DIAGRAM



CONICAL DIAGRAM

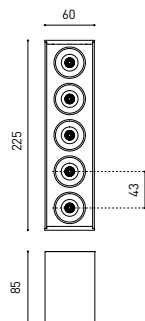


UGR

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 SURF 5 SPOT DIM PUSH 4000K WTMG
Reference	A3204132WTMG
Color	Textured white-Metallized gold
RAL	Metallic finish
Category	SURFACE

PRODUCT

Light source	LED
Gross luminous flux	1250 Lm
Power	10,5 W
Power values of the system	12,21 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
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

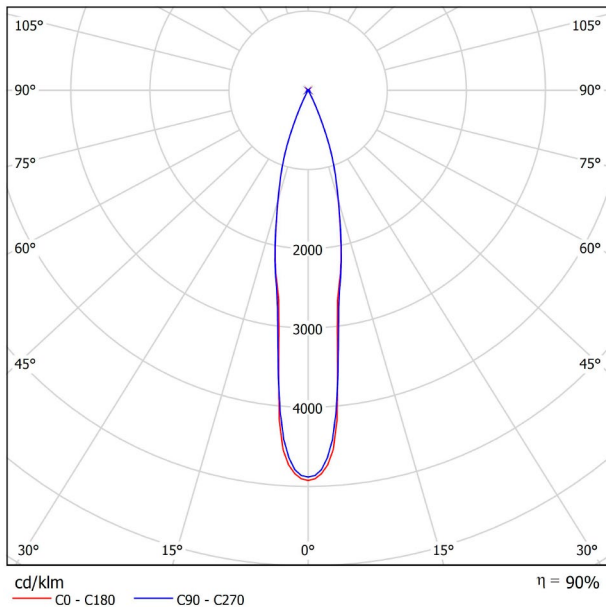
Ingress Protection	IP20
Weight	800 g.
Packaged weight	850 g.
Packaging dimensions	254 × 93 × 70 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

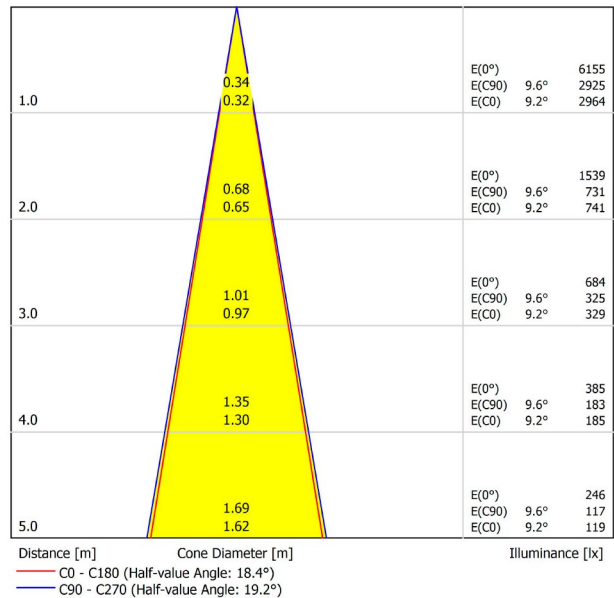


Black Foster Surface is the product that transfers the claimed effect “The Invisible Black” to a linear system in surface application. Black Foster has a very discrete presence in the interior design due to its reduced dimensions and its extremely low glare helping the piece not to gain much prominence.

POLAR DIAGRAM



CONICAL DIAGRAM

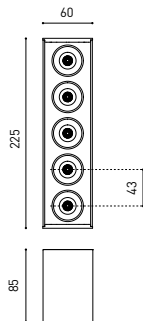


UGR

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 SURF 5 SPOT DIM DALI 4000K NTMG
Reference	A3204122NTMG
Color	Textured black-Metallized gold
RAL	Metallic finish
Category	SURFACE

PRODUCT

Light source	LED
Gross luminous flux	1250 Lm
Power	10,5 W
Power values of the system	12,21 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
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

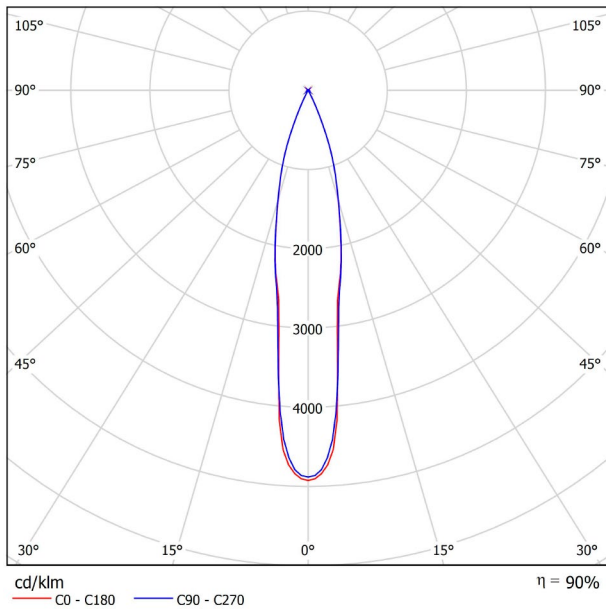
Ingress Protection	IP20
Weight	800 g.
Packaged weight	850 g.
Packaging dimensions	254 × 93 × 70 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

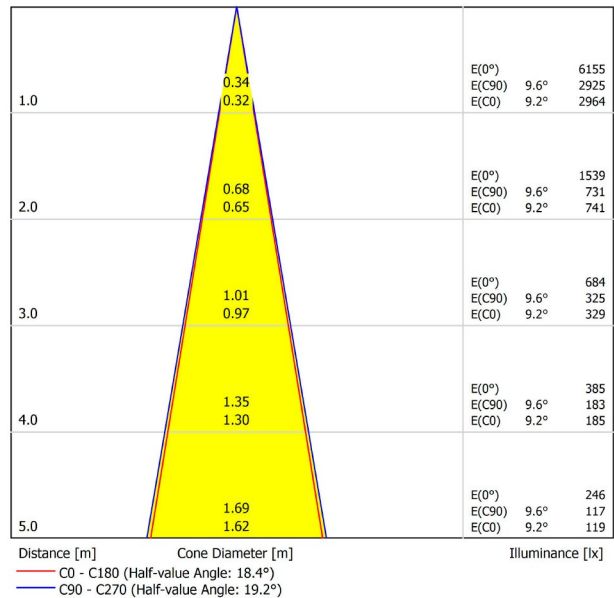


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POLAR DIAGRAM



CONICAL DIAGRAM

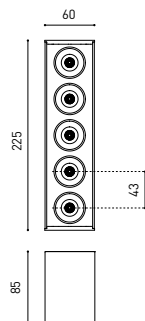


UGR

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 SURF 5 SPOT DIM DALI 4000K WT
Reference	A3204122WT
Color	Textured white
RAL	9016
Category	SURFACE

PRODUCT

Light source	LED
Gross luminous flux	1250 Lm
Power	10,5 W
Power values of the system	12,21 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
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

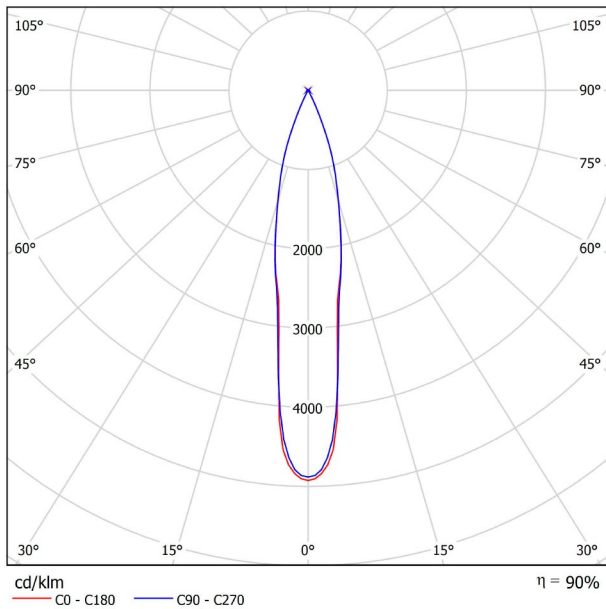
Ingress Protection	IP20
Weight	800 g.
Packaged weight	850 g.
Packaging dimensions	254 × 93 × 70 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

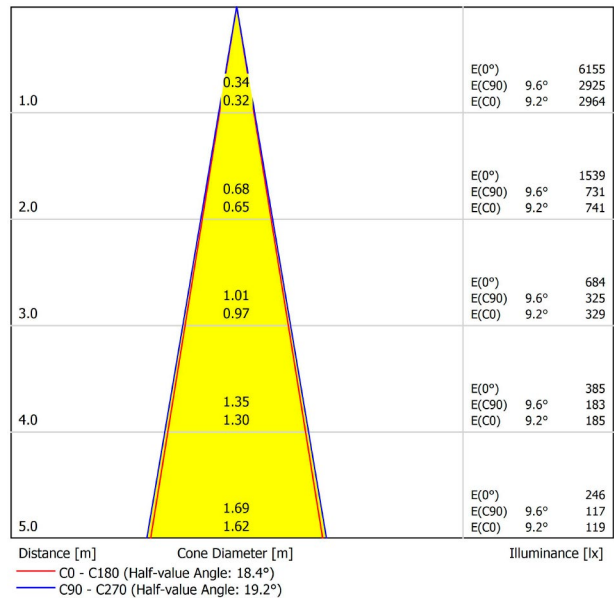


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POLAR DIAGRAM



CONICAL DIAGRAM

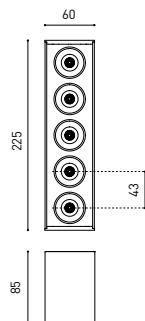


UGR

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 SURF 5 SPOT DIM DALI 4000K WTMG
Reference	A3204122WTMG
Color	Textured white-Metallized gold
RAL	Metallic finish
Category	SURFACE

PRODUCT

Light source	LED
Gross luminous flux	1250 Lm
Power	10,5 W
Power values of the system	12,21 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
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

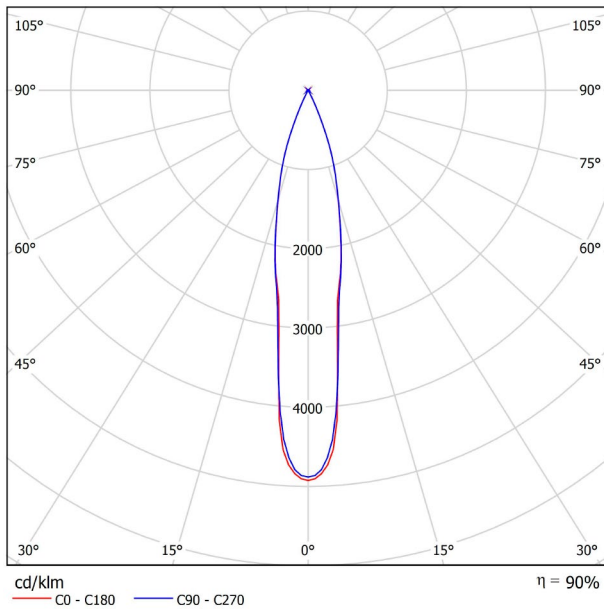
Ingress Protection	IP20
Weight	800 g.
Packaged weight	850 g.
Packaging dimensions	254 x 93 x 70 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

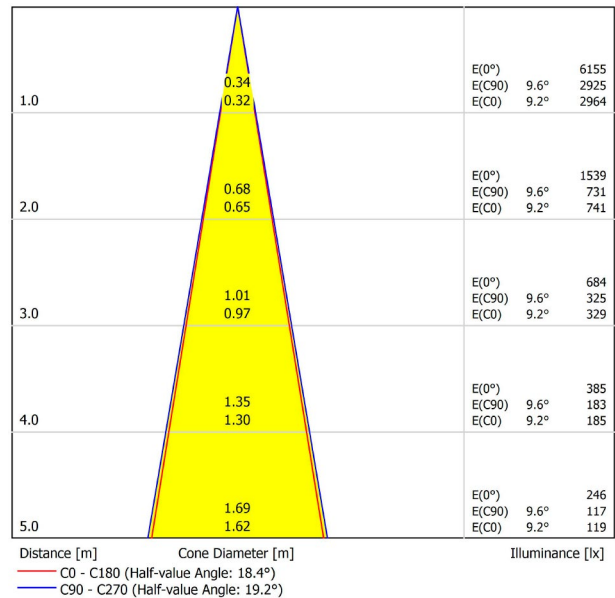


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POLAR DIAGRAM



CONICAL DIAGRAM

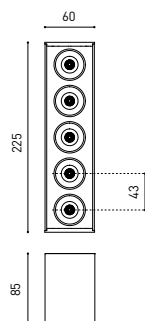


UGR

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 SURF 5 SPOT DIM PUSH 2700K NT
Reference	A3204130NT
Color	Textured black
RAL	9005
Category	SURFACE

PRODUCT

Light source	LED
Gross luminous flux	950 Lm
Power	10,5 W
Power values of the system	12,21 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
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

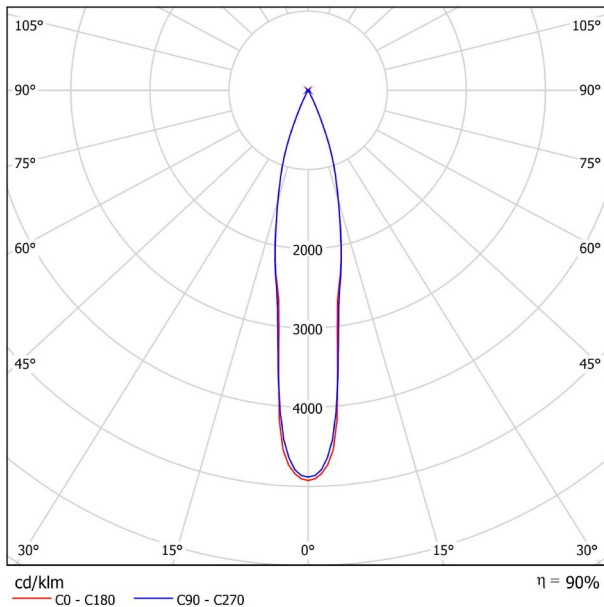
Ingress Protection	IP20
Weight	800 g.
Packaged weight	850 g.
Packaging dimensions	254 × 93 × 70 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

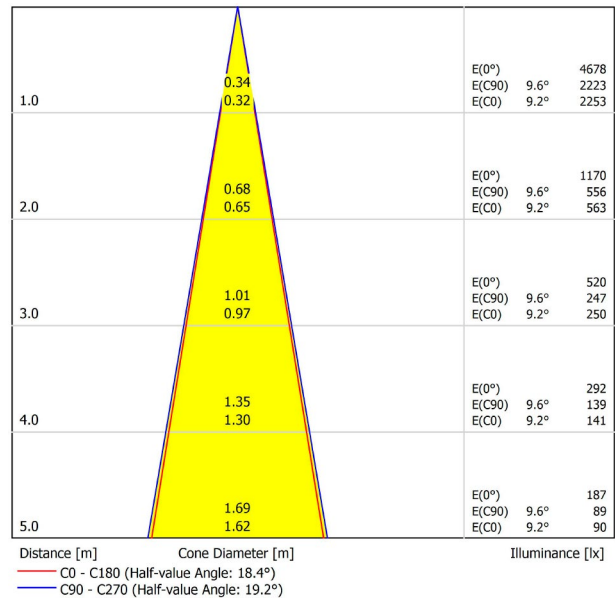


Black Foster Surface is the product that transfers the claimed effect "The Invisible Black" to a linear system in surface application. Black Foster has a very discrete presence in the interior design due to its reduced dimensions and its extremely low glare helping the piece not to gain much prominence.

POLAR DIAGRAM



CONICAL DIAGRAM

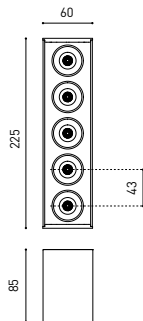


UGR

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 SURF 5 SPOT DIM PUSH 2700K NTMG
Reference	A3204130NTMG
Color	Textured black-Metallized gold
RAL	Metallic finish
Category	SURFACE

PRODUCT

Light source	LED
Gross luminous flux	950 Lm
Power	10,5 W
Power values of the system	12,21 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
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

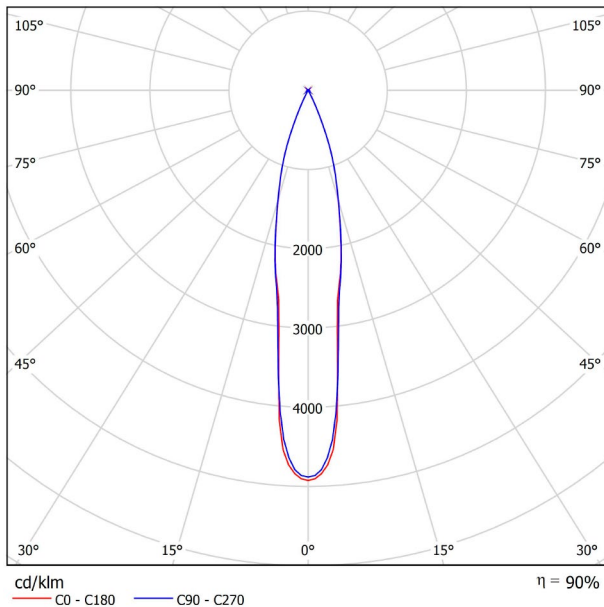
Ingress Protection	IP20
Weight	800 g.
Packaged weight	850 g.
Packaging dimensions	254 × 93 × 70 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

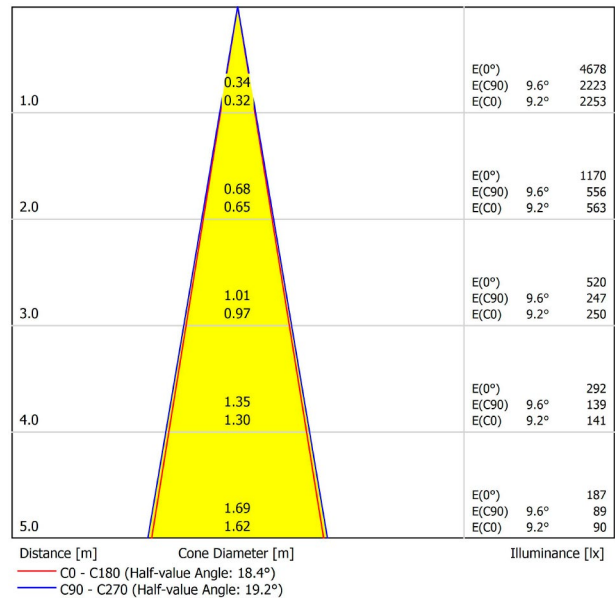


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POLAR DIAGRAM



CONICAL DIAGRAM

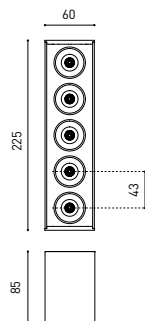


UGR

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 SURF 5 SPOT DIM PUSH 2700K WT
Reference	A3204130WT
Color	Textured white
RAL	9016
Category	SURFACE

PRODUCT

Light source	LED
Gross luminous flux	950 Lm
Power	10,5 W
Power values of the system	12,21 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
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

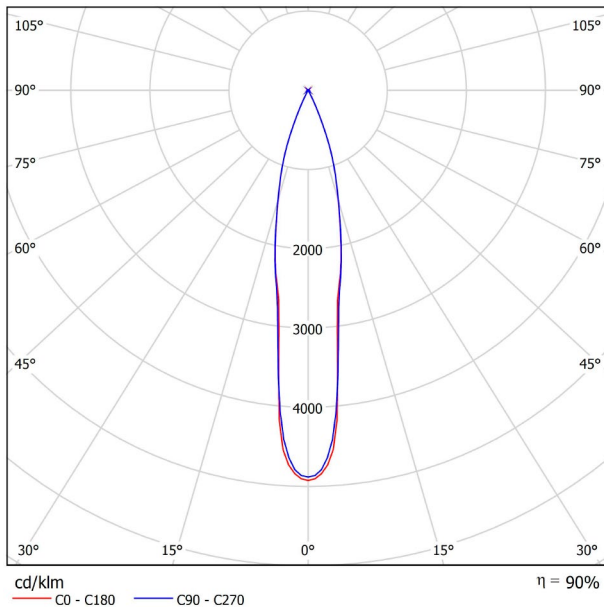
Ingress Protection	IP20
Weight	800 g.
Packaged weight	850 g.
Packaging dimensions	254 × 93 × 70 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

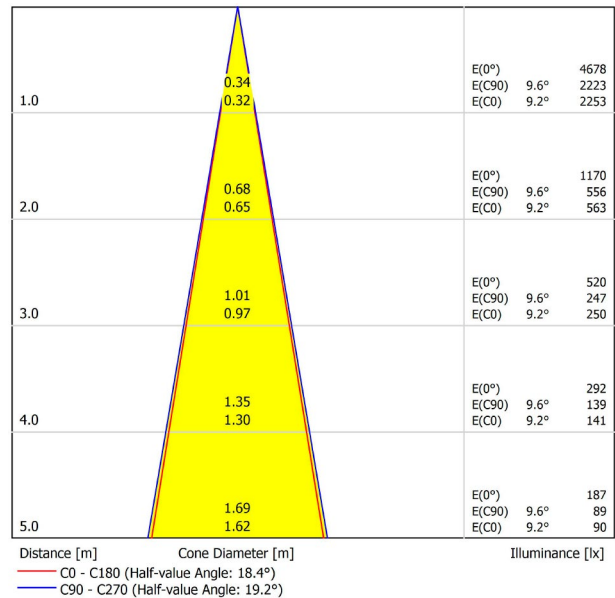


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POLAR DIAGRAM



CONICAL DIAGRAM

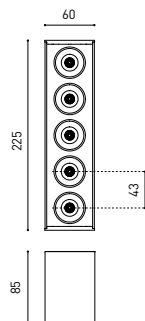


UGR

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	
	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 SURF 5 SPOT DIM PUSH 2700K WTMG
Reference	A3204130WTMG
Color	Textured white-Metallized gold
RAL	Metallic finish
Category	SURFACE

PRODUCT

Light source	LED
Gross luminous flux	950 Lm
Power	10,5 W
Power values of the system	12,21 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
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

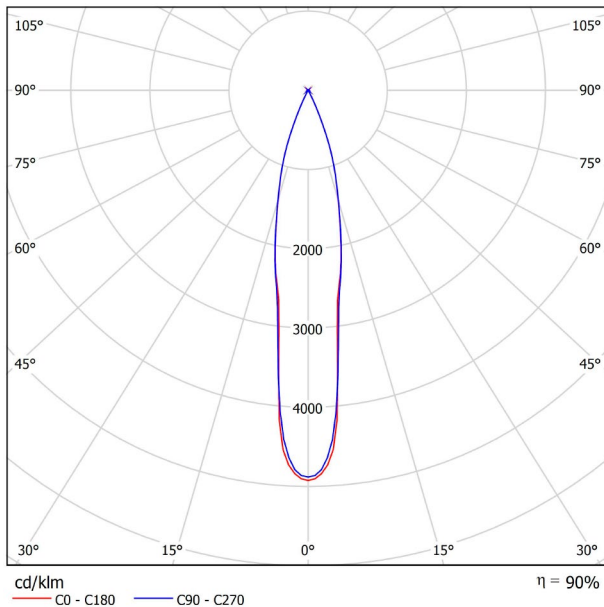
Ingress Protection	IP20
Weight	800 g.
Packaged weight	850 g.
Packaging dimensions	254 x 93 x 70 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

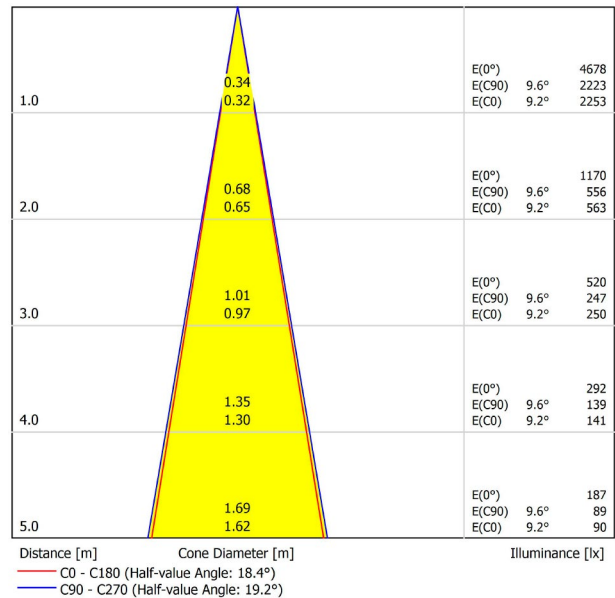


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POLAR DIAGRAM



CONICAL DIAGRAM

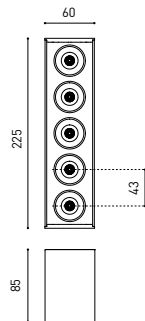


UGR

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 SURF 5 SPOT DIM PUSH 3000K NT
Reference	A3204131NT
Color	Textured black
RAL	9005
Category	SURFACE

PRODUCT

Light source	LED
Gross luminous flux	1050 Lm
Power	10,5 W
Power values of the system	12,21 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
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

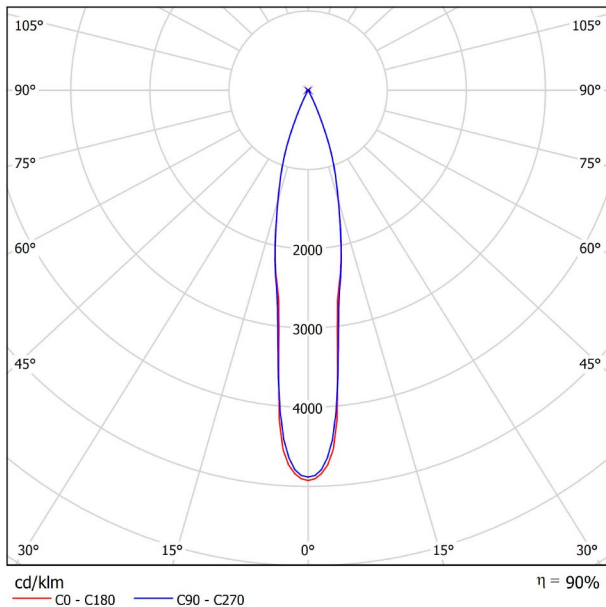
Ingress Protection	IP20
Weight	800 g.
Packaged weight	850 g.
Packaging dimensions	254 x 93 x 70 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

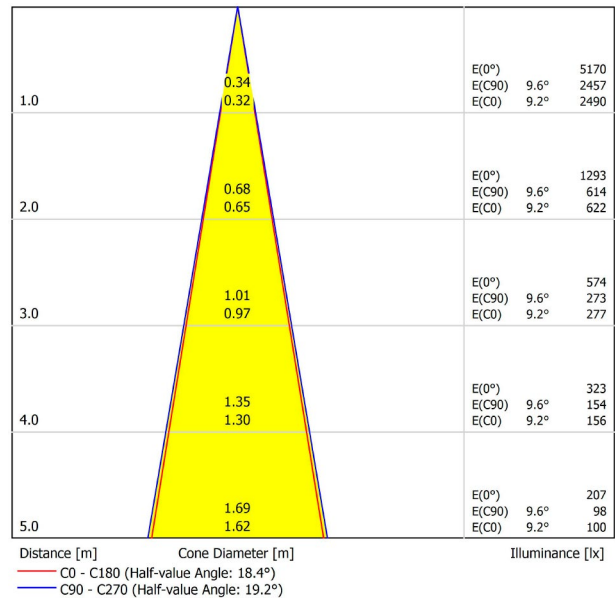


Black Foster Surface is the product that transfers the claimed effect "The Invisible Black" to a linear system in surface application. Black Foster has a very discrete presence in the interior design due to its reduced dimensions and its extremely low glare helping the piece not to gain much prominence.

POLAR DIAGRAM



CONICAL DIAGRAM

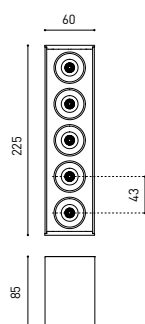


UGR

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 SURF 5 SPOT DIM PUSH 3000K NTMG
Reference	A3204131NTMG
Color	Textured black-Metallized gold
RAL	Metallic finish
Category	SURFACE

PRODUCT

Light source	LED
Gross luminous flux	1050 Lm
Power	10,5 W
Power values of the system	12,21 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
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

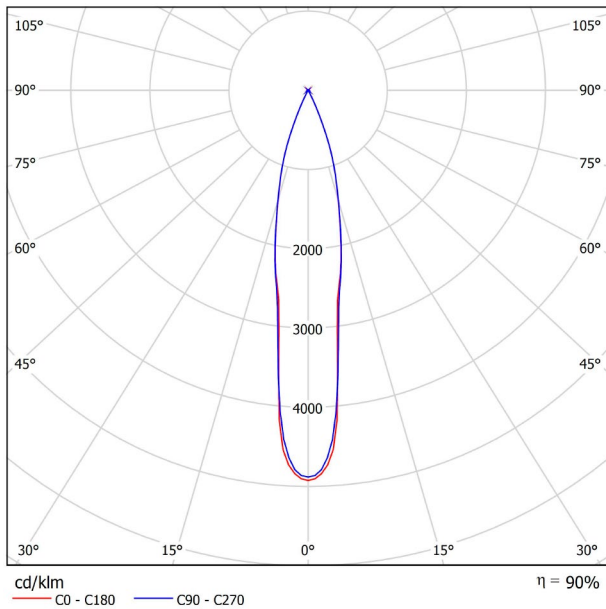
Ingress Protection	IP20
Weight	800 g.
Packaged weight	850 g.
Packaging dimensions	254 x 93 x 70 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

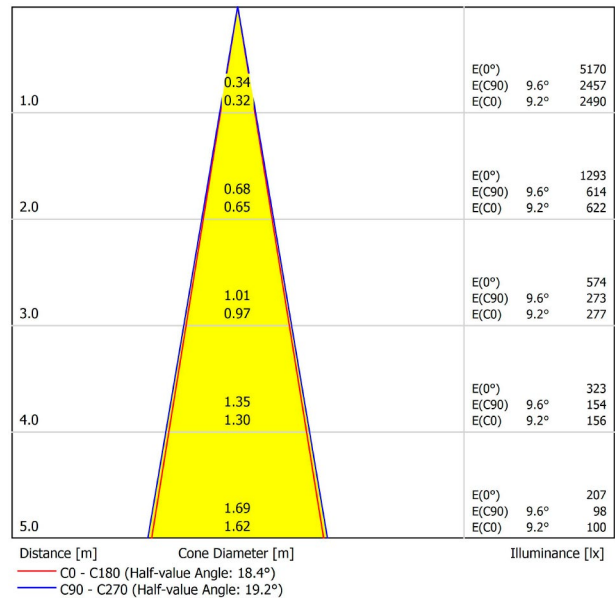


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POLAR DIAGRAM



CONICAL DIAGRAM

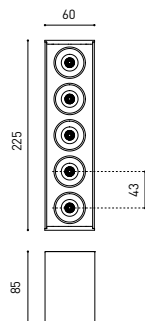


UGR

Glare Evaluation According to UGR												
ρ Ceiling		70	70	50	50	30		70	70	50	50	30
ρ Walls		50	30	50	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												



DIMENSIONS



AWARDS



Name	BLACK FOSTER SURF 5 SPOT DIM PUSH 3000K WT
Reference	A3204131WT
Color	Textured white
RAL	9016
Category	SURFACE

PRODUCT

Light source	LED
Gross luminous flux	1050 Lm
Power	10,5 W
Power values of the system	12,21 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
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

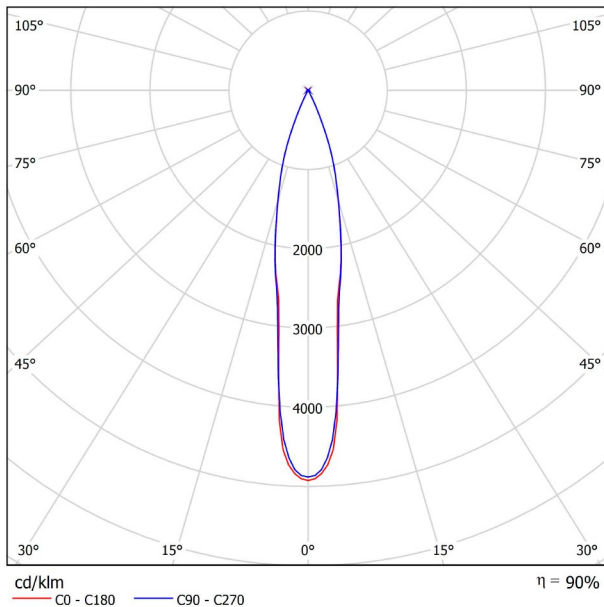
Ingress Protection	IP20
Weight	800 g.
Packaged weight	850 g.
Packaging dimensions	254 x 93 x 70 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

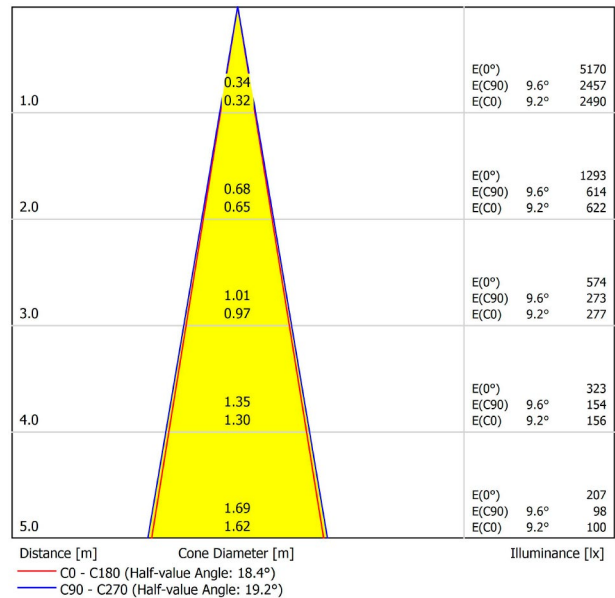


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POLAR DIAGRAM



CONICAL DIAGRAM

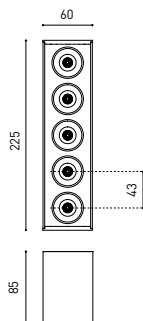


UGR

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		+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 SURF 5 SPOT DIM PUSH 3000K WTMG
Reference	A3204131WTMG
Color	Textured white-Metallized gold
RAL	Metallic finish
Category	SURFACE

PRODUCT

Light source	LED
Gross luminous flux	1050 Lm
Power	10,5 W
Power values of the system	12,21 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
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

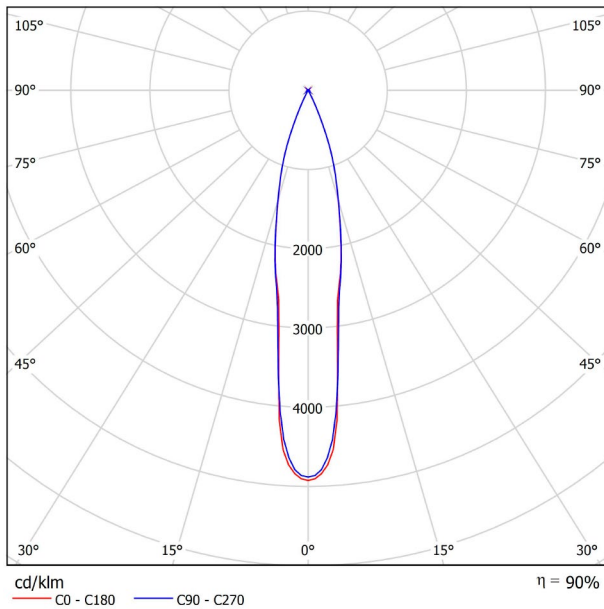
Ingress Protection	IP20
Weight	800 g.
Packaged weight	850 g.
Packaging dimensions	254 x 93 x 70 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

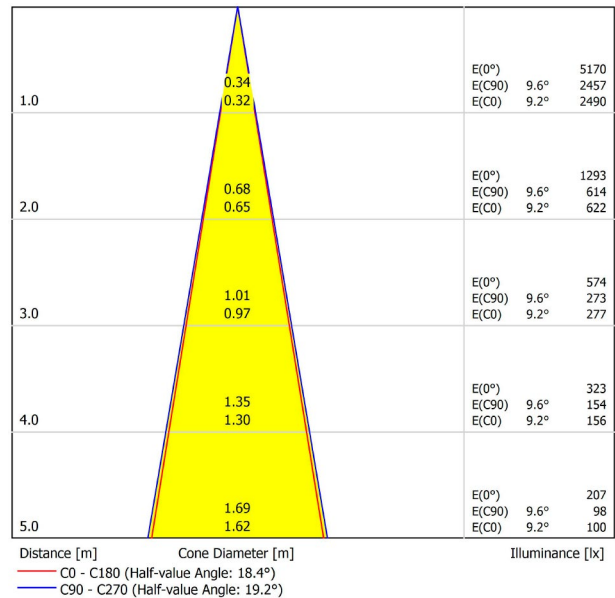


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POLAR DIAGRAM



CONICAL DIAGRAM

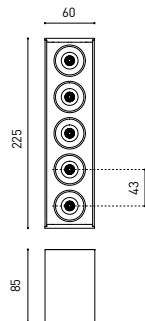


UGR

Glare Evaluation According to UGR												
ρ Ceiling		70	70	50	50	30		70	70	50	50	30
ρ Walls		50	30	50	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												



DIMENSIONS



AWARDS



Name	BLACK FOSTER SURF 5 SPOT DIM PUSH 4000K NT
Reference	A3204132NT
Color	Textured black
RAL	9005
Category	SURFACE

PRODUCT

Light source	LED
Gross luminous flux	1250 Lm
Power	10,5 W
Power values of the system	12,21 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
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

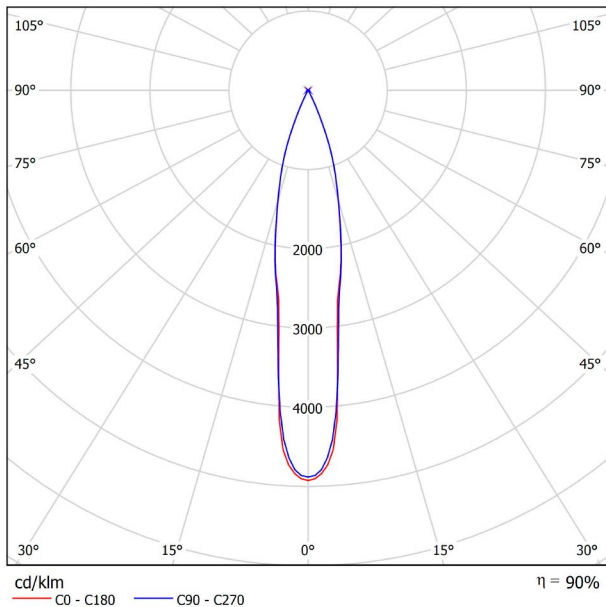
Ingress Protection	IP20
Weight	800 g.
Packaged weight	850 g.
Packaging dimensions	254 × 93 × 70 mm
Units per package	1
Materials	Aluminium / Acrylonitrile Butadiene Styrene / Polycarbonate

OTHER DATA

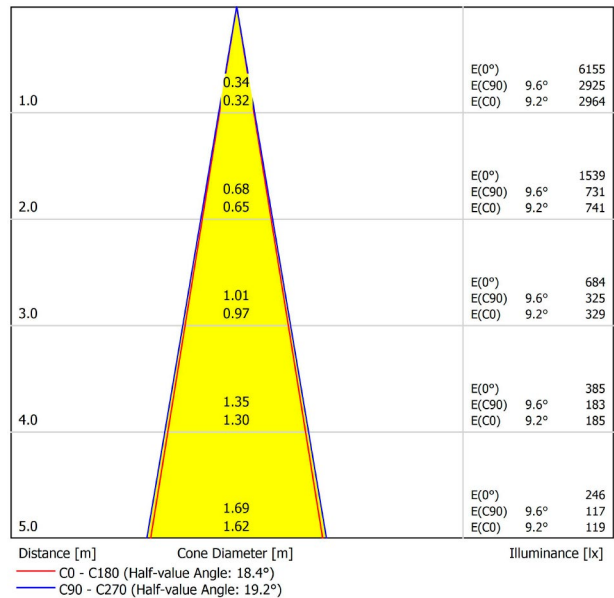


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POLAR DIAGRAM



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	2.9	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												