

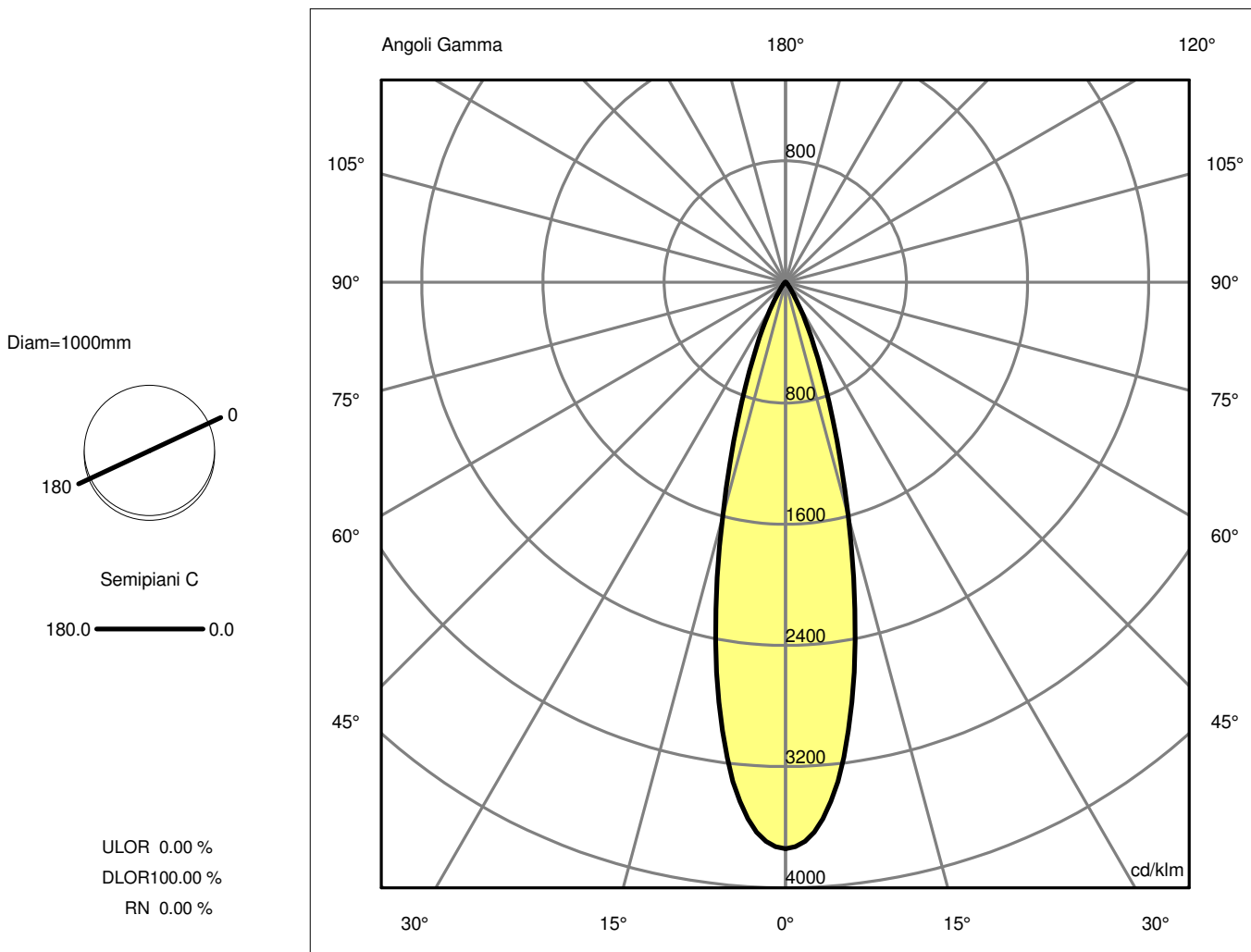
Luminaire

Code 1012248A
Name SILENT FIELD S ARANCIO / BIANCO - USA

Measurem.

Code FTS1700443
Name SILENT FIELD S ARANCIO / BIANCO - USA

Luminaire Flux	1148.40 lm	Luminaire Power	24.00 W	Efficacy	47.85 lm/W	Efficiency	100.00%
Lamps Flux	1148.40 lm	Maximum value	3740.86 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire Round Luminous Area		Diam. Diam.	1000 mm 240 mm	Height Height	70 mm 0 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°		0.045239 m2 0.000000 m2 0.000000 m2		Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°		0.000000 m2 0.000000 m2 0.010944 m2	
Coordinate system Date Measurement Distance		CG 18-05-2017 0.00		Symmetry Type Maximum Gamma Angle Measurement Flux		Rotosymmetrical 180 1148.40 lm	
LED Flux=2228,4lm LED Power=21W Eff=52% EfcLed=106lm/W EfcLum=48lm/W Ra=90 SDCM=2 L90(6K)=50000h							
C.I.E. F UTE	99 100 100 100 100 --			D DIN 5040 B NBN	A60 BZ 1		



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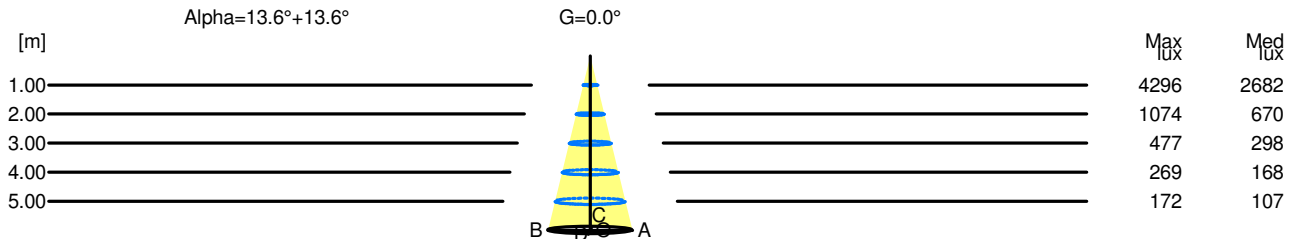
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Round Luminaire Round Luminous Area		Diam. Diam.	1000 mm 240 mm	Height Height	70 mm 0 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°		0.045239 m2 0.000000 m2 0.000000 m2		Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°		0.000000 m2 0.000000 m2 0.010944 m2	
Coordinate system Date Measurement Distance		CG 18-05-2017 0.00		Symmetry Type Maximum Gamma Angle Measurement Flux		Rotosymmetrical 180 1148.40 lm	
LED Flux=2228,4lm LED Power=21W Eff=52% EfcLed=106lm/W EfcLum=48lm/W Ra=90 SDCM=2 L90(6K)=50000h							
C.I.E. F UTE	99 100 100 100 100 --			D DIN 5040 B NBN	A60 BZ 1		

Width at 50.00 % of Max Intensity

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	0.24	0.49	0.73	0.97	1.21	OC	0.24	0.49	0.73	0.97	1.21
OB	0.24	0.49	0.73	0.97	1.21	OD	0.24	0.49	0.73	0.97	1.21

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	4296.00	3953.83	1839.33	462.97	77.97	16.90	3.81	1.07	0.00	0.00
OB	4296.00	3953.83	1839.33	462.97	77.97	16.90	3.81	1.07	0.00	0.00
OC	4296.00	3953.83	1839.33	462.97	77.97	16.90	3.81	1.07	0.00	0.00
OD	4296.00	3953.83	1839.33	462.97	77.97	16.90	3.81	1.07	0.00	0.00



H[m]	D[m]	Max lux	Med lux	Alpha=13.6°+13.6°	G=0.0
1.00	0.49	4296	2682		
2.00	0.97	1074	670		
3.00	1.46	477	298		
4.00	1.94	269	168		
5.00	2.43	172	107		

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Lamps Flux	1148.40 lm	Maximum value	3740.86 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

UGR
 S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
WorkingPlane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
RoomDimensions	ViewedCrosswise					ViewedEndwise				
x=2H y=2H	1.1	1.7	1.3	1.9	2.1	1.1	1.7	1.3	1.9	2.1
x=2H y=3H	1.0	1.5	1.2	1.8	2.0	1.0	1.5	1.2	1.8	2.0
x=2H y=4H	0.9	1.4	1.2	1.7	1.9	0.9	1.4	1.2	1.7	1.9
x=2H y=6H	0.8	1.3	1.1	1.6	1.9	0.8	1.3	1.1	1.6	1.9
x=2H y=8H	0.8	1.2	1.1	1.5	1.8	0.8	1.2	1.1	1.5	1.8
x=2H y=12H	0.7	1.2	1.1	1.5	1.8	0.7	1.2	1.1	1.5	1.8
x=4H y=2H	0.9	1.5	1.2	1.7	2.0	0.9	1.5	1.2	1.7	2.0
x=4H y=3H	0.8	1.2	1.1	1.5	1.8	0.8	1.2	1.1	1.5	1.8
x=4H y=4H	0.7	1.1	1.1	1.4	1.8	0.7	1.1	1.1	1.4	1.8
x=4H y=6H	0.6	0.9	1.0	1.3	1.7	0.6	0.9	1.0	1.3	1.7
x=4H y=8H	0.6	0.9	1.0	1.3	1.7	0.6	0.9	1.0	1.3	1.7
x=4H y=12H	0.5	0.8	1.0	1.2	1.6	0.5	0.8	1.0	1.2	1.6
x=8H y=4H	0.6	0.9	1.0	1.3	1.7	0.6	0.9	1.0	1.3	1.7
x=8H y=6H	0.5	0.7	0.9	1.1	1.6	0.5	0.7	0.9	1.1	1.6
x=8H y=8H	0.4	0.6	0.9	1.1	1.5	0.4	0.6	0.9	1.1	1.5
x=8H y=12H	0.4	0.5	0.9	1.0	1.5	0.4	0.5	0.9	1.0	1.5
x=12H y=4H	0.5	0.8	1.0	1.2	1.6	0.5	0.8	1.0	1.2	1.6
x=12H y=6H	0.4	0.6	0.9	1.1	1.5	0.4	0.6	0.9	1.1	1.5
x=12H y=8H	0.4	0.5	0.9	1.0	1.5	0.4	0.5	0.9	1.0	1.5

Luminaire

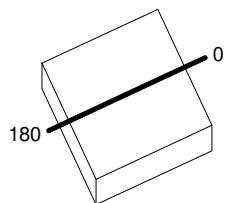
Code 1012248A_1SP
Name SILENT FIELD S ARANCIO / BIANCO - 1 spot - USA

Measurem.

Code FTS1700448
Name SILENT FIELD S ARANCIO / BIANCO - 1 spot - USA

Luminaire Flux	95.70 lm	Luminaire Power	2.00 W	Efficacy	47.85 lm/W	Efficiency	100.00%
Lamps Flux	95.70 lm	Maximum value	3740.86 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Rectangular Luminaire Round Luminous Area	Length Diam.	35 mm 20 mm	Width Height	35 mm 0 mm	Height	35 mm	
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°	0.000314 m2 0.000000 m2 0.000000 m2	Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°	0.000000 m2 0.000000 m2 0.000076 m2				
Coordinate system Date Measurement Distance	CG 18-05-2017 0.00	Symmetry Type Maximum Gamma Angle Measurement Flux	Rotosymmetrical 180 95.70 lm				
LED Flux=185,7lm LED Power=1,75W Eff=52% EfcLed=106lm/W EfcLum=48lm/W Ra=90 SDCM=2 L90(6K)=50000h							
C.I.E. F UTE	99 100 100 100 100 --	D DIN 5040 B NBN	A60 BZ 1				

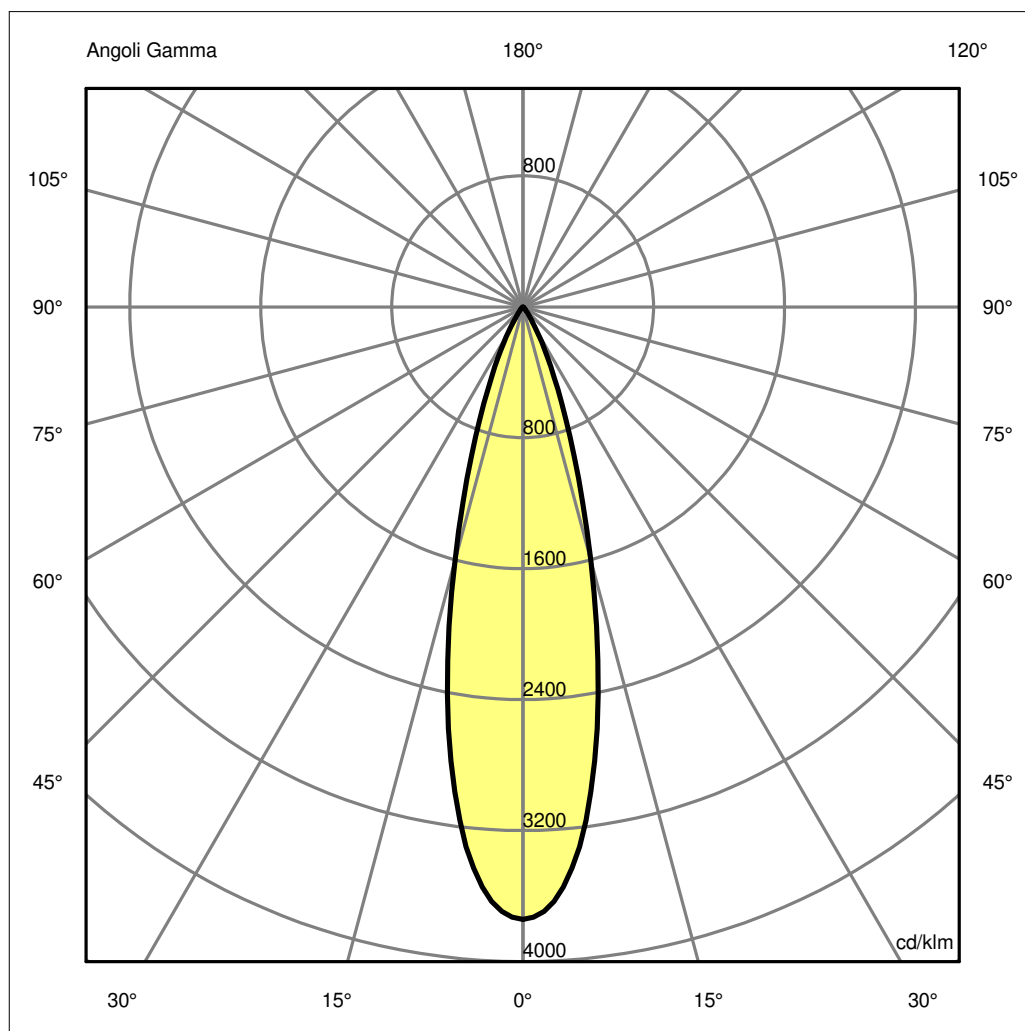
35mm x 35mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



Luminaire

Code 1012248A_1SP
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Measurement

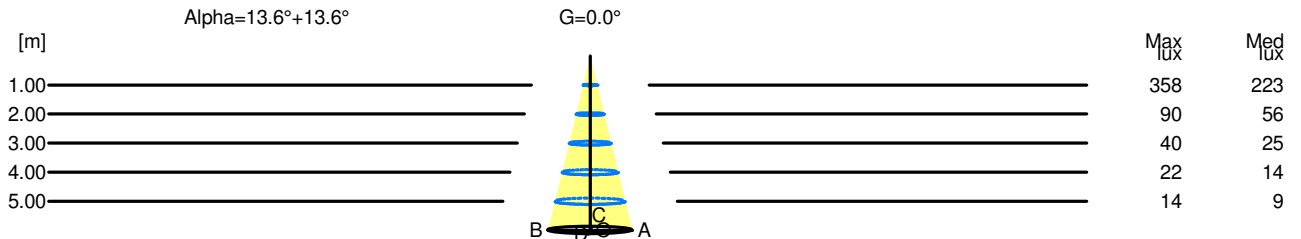
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Lamps Flux	95.70 lm	Maximum value	3740.86 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Rectangular Luminaire Round Luminous Area		Length Diam.	35 mm 20 mm	Width Height	35 mm 0 mm	Height	35 mm
Horizontal Luminous Area		0.000314 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.000076 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		18-05-2017		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		95.70 lm	
LED Flux=185,7lm LED Power=1,75W Eff=52% EfcLed=106lm/W EfcLum=48lm/W Ra=90 SDCM=2 L90(6K)=50000h							
C.I.E. F UTE	99 100 100 100 100 --			D DIN 5040 B NBN		A60 BZ 1	

Width at 50.00 % of Max Intensity

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	0.24	0.49	0.73	0.97	1.21	OC	0.24	0.49	0.73	0.97	1.21
OB	0.24	0.49	0.73	0.97	1.21	OD	0.24	0.49	0.73	0.97	1.21

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	358.00	329.49	153.28	38.58	6.50	1.41	0.32	0.09	0.00	0.00
OB	358.00	329.49	153.28	38.58	6.50	1.41	0.32	0.09	0.00	0.00
OC	358.00	329.49	153.28	38.58	6.50	1.41	0.32	0.09	0.00	0.00
OD	358.00	329.49	153.28	38.58	6.50	1.41	0.32	0.09	0.00	0.00



H[m]	D[m]	Max lux	Med lux	Alpha=13.6°+13.6°	G=0.0
1.00	0.49	358	223		
2.00	0.97	90	56		
3.00	1.46	40	25		
4.00	1.94	22	14		
5.00	2.43	14	9		

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Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
WorkingPlane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
RoomDimensions	ViewedCrosswise					ViewedEndwise				
x=2H y=2H	9.7	10.4	10.0	10.5	10.7	9.7	10.4	10.0	10.5	10.7
x=2H y=3H	9.6	10.2	9.9	10.4	10.6	9.6	10.2	9.9	10.4	10.6
x=2H y=4H	9.5	10.1	9.8	10.3	10.6	9.5	10.1	9.8	10.3	10.6
x=2H y=6H	9.4	9.9	9.8	10.2	10.5	9.4	9.9	9.8	10.2	10.5
x=2H y=8H	9.4	9.9	9.7	10.2	10.5	9.4	9.9	9.7	10.2	10.5
x=2H y=12H	9.4	9.8	9.7	10.1	10.4	9.4	9.8	9.7	10.1	10.4
x=4H y=2H	9.5	10.1	9.9	10.3	10.6	9.5	10.1	9.9	10.3	10.6
x=4H y=3H	9.4	9.9	9.7	10.2	10.5	9.4	9.9	9.7	10.2	10.5
x=4H y=4H	9.3	9.7	9.7	10.1	10.4	9.3	9.7	9.7	10.1	10.4
x=4H y=6H	9.3	9.6	9.6	9.9	10.3	9.3	9.6	9.6	9.9	10.3
x=4H y=8H	9.2	9.5	9.6	9.9	10.3	9.2	9.5	9.6	9.9	10.3
x=4H y=12H	9.2	9.4	9.6	9.8	10.2	9.2	9.4	9.6	9.8	10.2
x=8H y=4H	9.2	9.5	9.6	9.9	10.3	9.2	9.5	9.6	9.9	10.3
x=8H y=6H	9.1	9.3	9.6	9.8	10.2	9.1	9.3	9.6	9.8	10.2
x=8H y=8H	9.1	9.3	9.5	9.7	10.2	9.1	9.3	9.5	9.7	10.2
x=8H y=12H	9.0	9.2	9.5	9.6	10.1	9.0	9.2	9.5	9.6	10.1
x=12H y=4H	9.2	9.4	9.6	9.8	10.2	9.2	9.4	9.6	9.8	10.2
x=12H y=6H	9.1	9.3	9.5	9.7	10.2	9.1	9.3	9.5	9.7	10.2
x=12H y=8H	9.0	9.2	9.5	9.6	10.1	9.0	9.2	9.5	9.6	10.1