

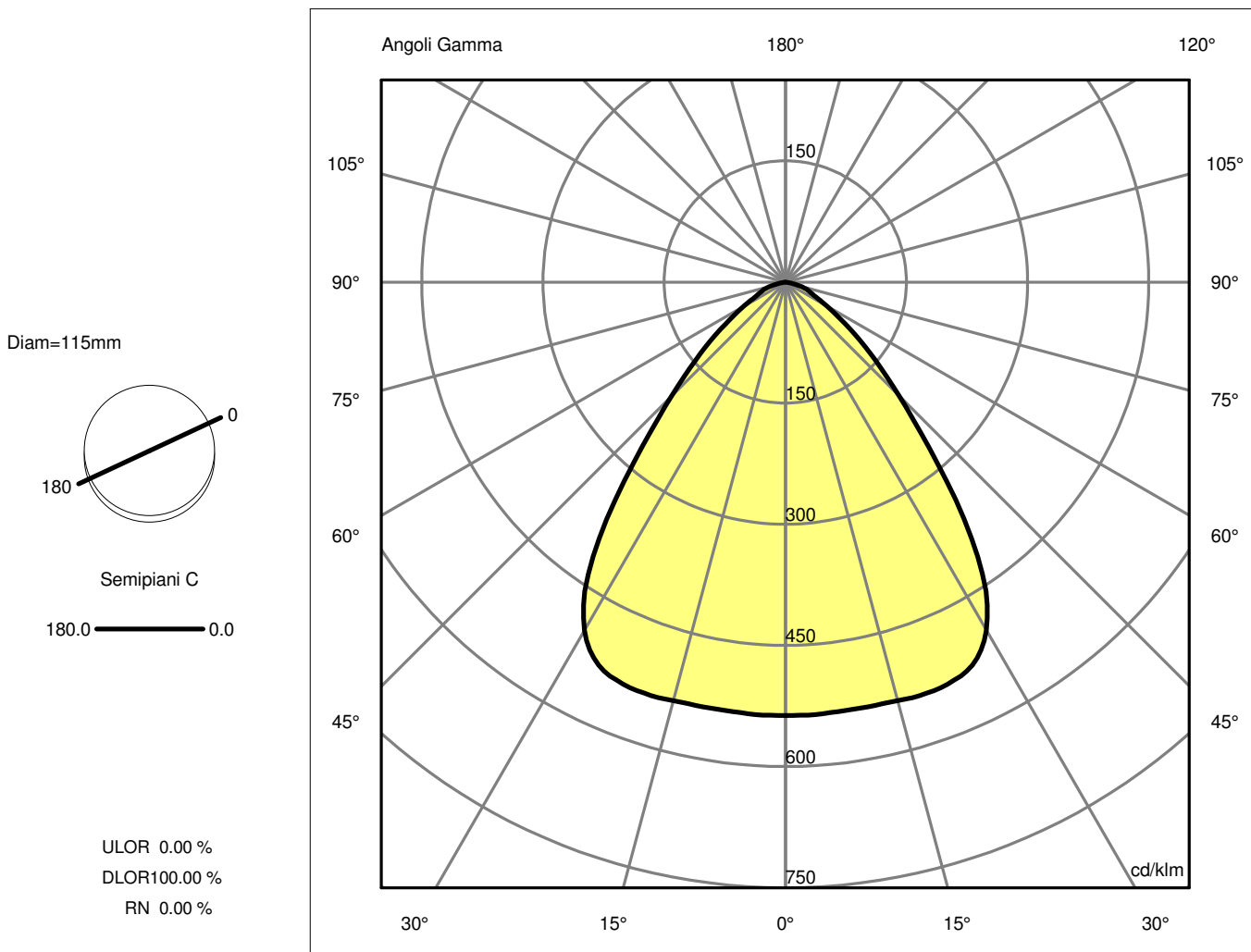
Luminaire

Code 1935W18A
Name UNTERLINDEN Sospensione Alluminio 2700K USA

Measurem.

Code FTS1700354
Name UNTERLINDEN Sospensione Alluminio 2700K USA

Luminaire Flux	339.00 lm	Luminaire Power	7.50 W	Efficacy	45.20 lm/W	Efficiency	100.00%
Lamps Flux	339.00 lm	Maximum value	538.33 cd/klm	Position	C=0.00 G=18.00	CG	Rotosymmetrical
Round Luminaire Round Luminous Area	Diam. 115 mm Diam. 45 mm	Height	100 mm	Height	0 mm		
Horizontal Luminous Area	0.001590 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°			0.000385 m2		
Coordinate system	CG	Symmetry Type			Rotosymmetrical		
Date	09-10-2015	Maximum Gamma Angle			180		
Measurement Distance	0.00	Measurement Flux			339.00 lm		
LED Flux=655,45lm LED Power=6W Eff=52% EfcLed=109lm/W EfcLum=45lm/W Ra=90 SDCM=3 L70(6K)=50000h							
C.I.E.	73 94 99 100 100	D DIN 5040			A60		
F UTE	1.00 B	B NBN			BZ 2		



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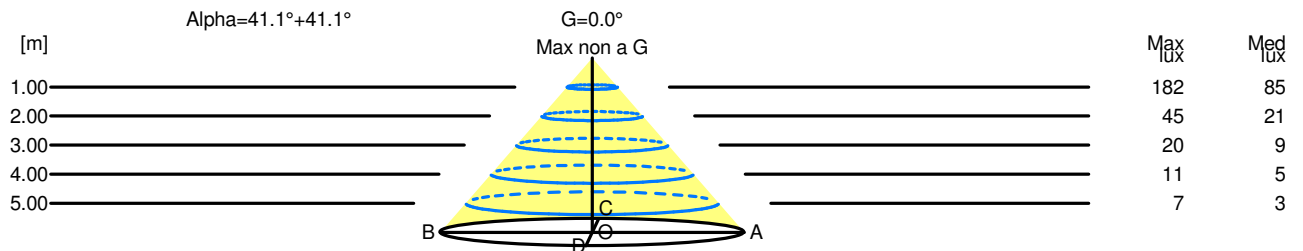
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Round Luminaire		Diam.	115 mm	Height	100 mm		
Round Luminous Area		Diam.	45 mm	Height	0 mm		
Horizontal Luminous Area	0.001590 m2			Emitting area on Plane 180°	0.000000 m2		
Emitting area on Plane 0°	0.000000 m2			Emitting area on Plane 270°	0.000000 m2		
Emitting area on Plane 90°	0.000000 m2			Glare area at 76°	0.000385 m2		
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C.I.E.	73 94 99 100 100			D DIN 5040	A60		
F UTE	1.00 B			B NBN	BZ 2		

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	0.87	1.74	2.61	3.49	4.36	OC	0.87	1.74	2.61	3.49	4.36
OB	0.87	1.74	2.61	3.49	4.36	OD	0.87	1.74	2.61	3.49	4.36

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	181.94	181.85	181.84	180.14	140.78	67.44	30.82	13.26	5.95	0.20
OB	181.94	181.85	181.84	180.14	140.78	67.44	30.82	13.26	5.95	0.20
OC	181.94	181.85	181.84	180.14	140.78	67.44	30.82	13.26	5.95	0.20
OD	181.94	181.85	181.84	180.14	140.78	67.44	30.82	13.26	5.95	0.20



H[m]	D[m]	Max lux	Med lux	Alpha=41.1°+41.1°	G=0.0 Max non a G
1.00	1.74	182	85		
2.00	3.49	45	21		
3.00	5.23	20	9		
4.00	6.97	11	5		
5.00	8.72	7	3		

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Lamps Flux	339.00 lm	Maximum value	538.33 cd/klm	Position	C=0.00 G=18.00	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	23.8	24.8	24.1	25.0	25.2	23.8	24.8	24.1	25.0	25.2
x=2H y=3H	24.2	25.1	24.5	25.3	25.6	24.2	25.1	24.5	25.3	25.6
x=2H y=4H	24.4	25.2	24.7	25.5	25.8	24.4	25.2	24.7	25.5	25.8
x=2H y=6H	24.4	25.2	24.8	25.4	25.8	24.4	25.2	24.8	25.4	25.8
x=2H y=8H	24.4	25.1	24.7	25.4	25.7	24.4	25.1	24.7	25.4	25.7
x=2H y=12H	24.3	25.0	24.7	25.3	25.7	24.3	25.0	24.7	25.3	25.7
x=4H y=2H	24.0	24.8	24.3	25.1	25.3	24.0	24.8	24.3	25.1	25.3
x=4H y=3H	24.6	25.2	24.9	25.6	25.9	24.6	25.2	24.9	25.6	25.9
x=4H y=4H	24.8	25.4	25.2	25.7	26.1	24.8	25.4	25.2	25.7	26.1
x=4H y=6H	24.9	25.4	25.3	25.7	26.1	24.9	25.4	25.3	25.7	26.1
x=4H y=8H	24.8	25.3	25.2	25.7	26.1	24.8	25.3	25.2	25.7	26.1
x=4H y=12H	24.8	25.2	25.2	25.6	26.0	24.8	25.2	25.2	25.6	26.0
x=8H y=4H	24.9	25.3	25.3	25.7	26.1	24.9	25.3	25.3	25.7	26.1
x=8H y=6H	24.9	25.3	25.4	25.7	26.2	24.9	25.3	25.4	25.7	26.2
x=8H y=8H	24.9	25.2	25.4	25.7	26.1	24.9	25.2	25.4	25.7	26.1
x=8H y=12H	24.9	25.1	25.3	25.6	26.1	24.9	25.1	25.3	25.6	26.1
x=12H y=4H	24.8	25.3	25.3	25.6	26.1	24.8	25.3	25.3	25.6	26.1
x=12H y=6H	24.9	25.2	25.4	25.7	26.1	24.9	25.2	25.4	25.7	26.1
x=12H y=8H	24.9	25.1	25.3	25.6	26.1	24.9	25.1	25.3	25.6	26.1