

**Luminaire**

Code 7303/7313/7323/7333/7343/7348/7353

Name Sticks

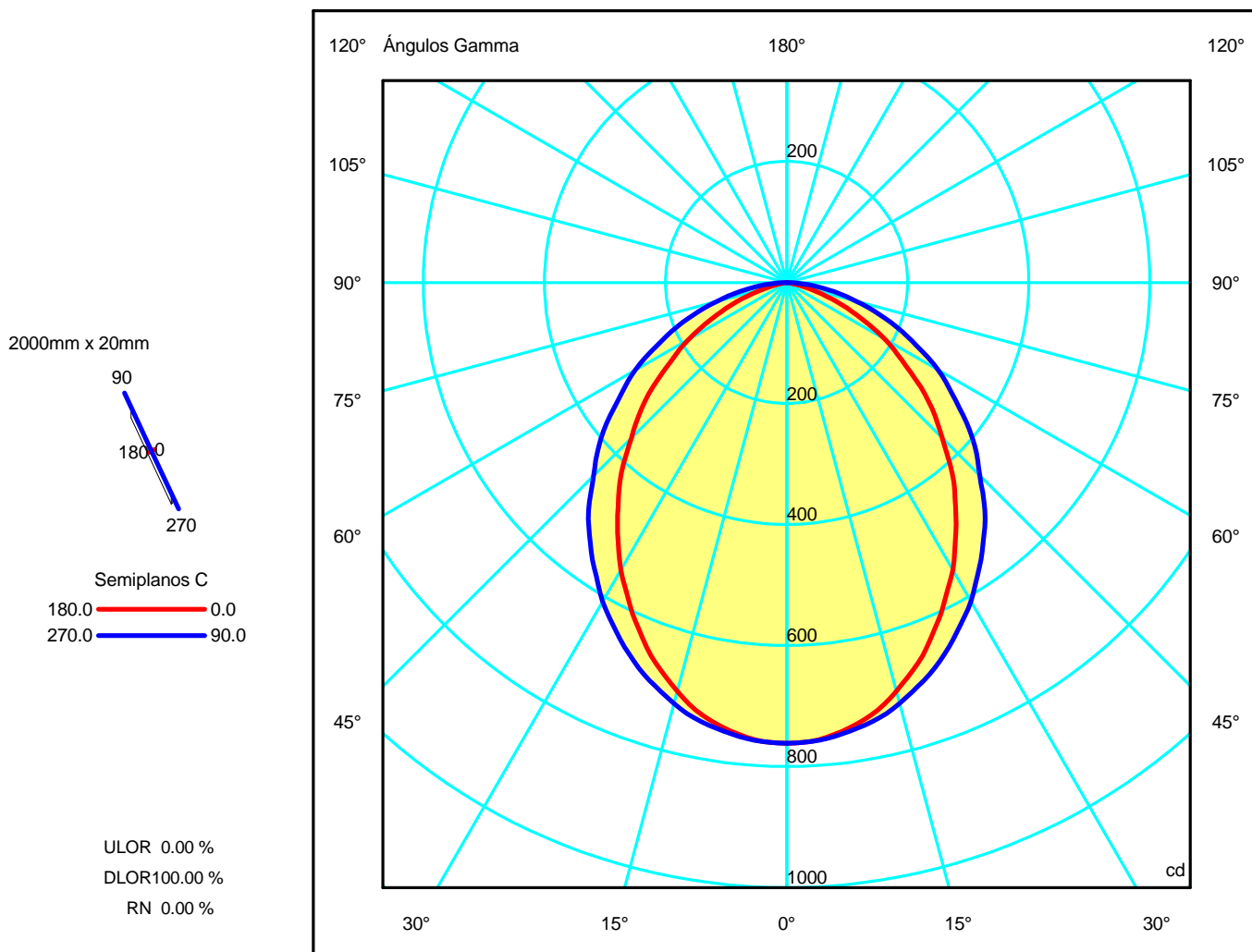
**Measur.**

Code CL252A20F008GE1

Name 4000K CRI90

Luminaire Flux	1719.20 lm	Luminaire Power	35.20 W	Efficacy	48.84 lm/W	Efficiency	100.00%
Sources Flux	1719.20 lm	Maximum value	761.44 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical
Rectangular Luminaire		Length	2000 mm	Width	20 mm	Height	30 mm
Rectangular Luminous Area		Length	2000 mm	Width	15 mm	Height	0 mm
Horizontal Luminous Area		0.030000 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°		0.007258 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		13-05-2020		Maximum Gamma Angle		90	
Measurement Distance		6.44		Measurement Flux		1719.20 lm	
Operator		Asselum T2		Rated Voltage		Prc	
Temperature		24.80 °C		Rated Current			
Humidity		48.20 %		Photocell			
Notes		RM20050502					

Line		Code		Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
SAMSUNG LM 281B + 4000K SG VM CRI90		5752678		Name		1719.20	35.20	1
				LED STRIP 35.2W 24V				
C.I.E.	54 85 98 100 100			D DIN 5040	A40			
F UTE	1.00 D			B NBN	BZ 4 / 1.25 / BZ 3			



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**Luminous Intensity Table cd Table 1/1**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	761	761	761	761	761	761	761
G 2.5	760	759	760	760	760	760	760
G 5.0	754	755	756	756	756	757	757
G 7.5	745	747	747	749	749	751	750
G 10.0	734	735	736	738	741	742	743
G 12.5	719	718	722	725	730	731	733
G 15.0	699	701	704	710	715	719	720
G 17.5	678	680	684	694	698	705	705
G 20.0	656	658	664	672	682	685	689
G 22.5	629	632	640	650	662	668	671
G 25.0	603	607	615	628	639	649	651
G 27.5	575	580	587	603	616	630	629
G 30.0	548	551	562	574	593	602	608
G 32.5	517	521	532	548	568	579	583
G 35.0	487	493	503	523	537	556	559
G 37.5	457	460	474	493	512	530	534
G 40.0	429	429	446	461	486	499	510
G 42.5	396	401	415	434	458	474	481
G 45.0	363	373	383	407	425	449	451
G 47.5	335	340	355	376	399	420	427
G 50.0	306	307	328	345	373	388	400
G 52.5	274	279	294	317	341	362	371
G 55.0	240	251	263	290	311	336	341
G 57.5	213	219	235	257	283	305	315
G 60.0	187	188	206	227	256	275	289
G 62.5	157	162	176	200	226	248	258
G 65.0	128	134	146	173	195	222	228
G 67.5	104	108	121	141	169	188	201
G 70.0	78	82	96	113	141	161	173
G 72.5	56	60	69	88	111	136	147
G 75.0	35	39	46	66	84	111	118
G 77.5	18	20	28	40	61	80	94
G 80.0	7	7	11	20	38	58	69
G 82.5	2	3	3	8	17	38	50
G 85.0	2	2	2	2	4	19	29
G 87.5	1	1	1	1	1	3	12
G 90.0	1	1	1	1	1	1	1

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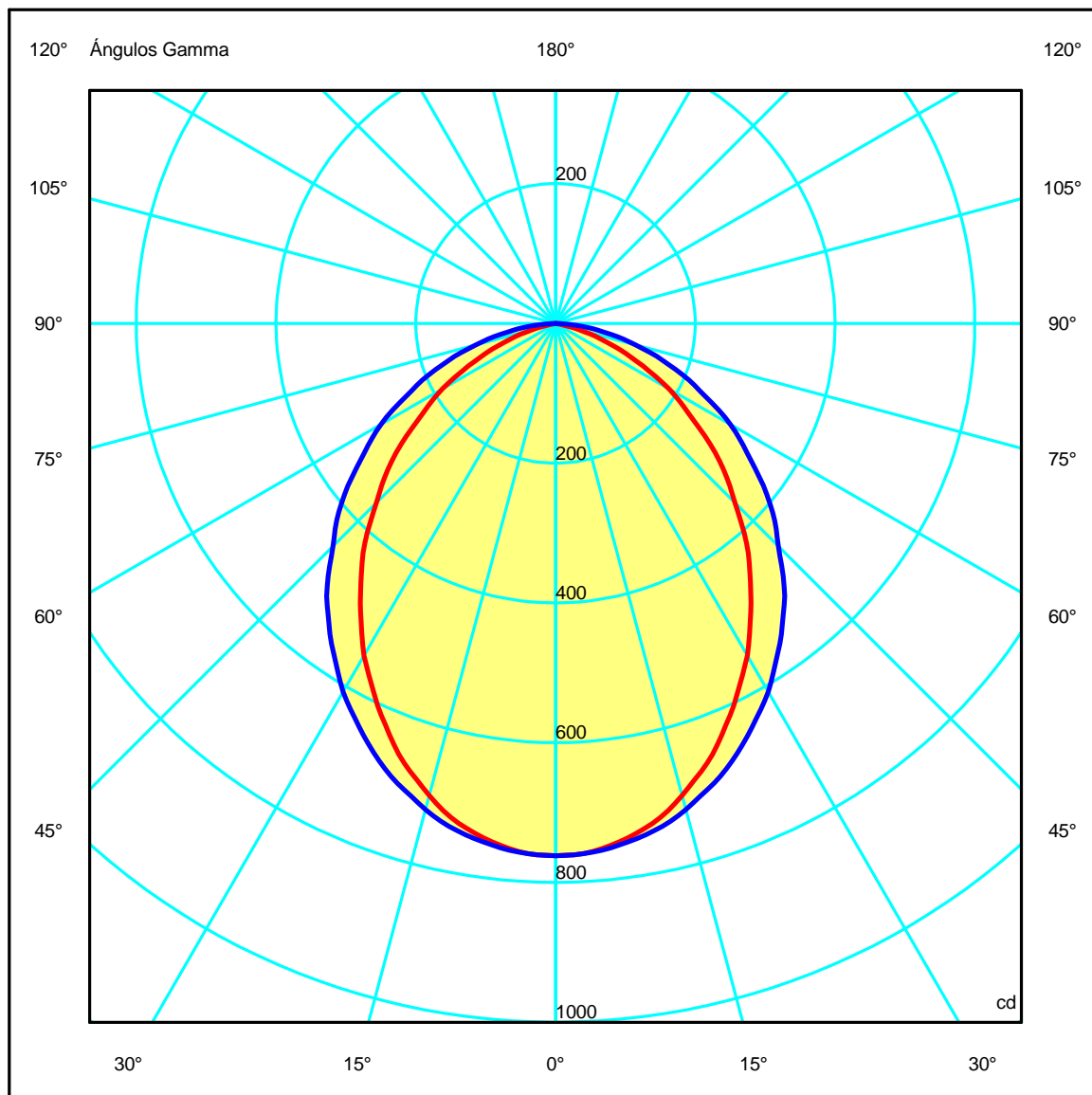
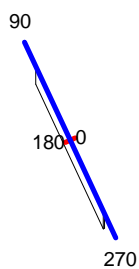
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2000mm x 20mm

Semiplanos C



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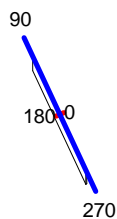
**Measurem.**

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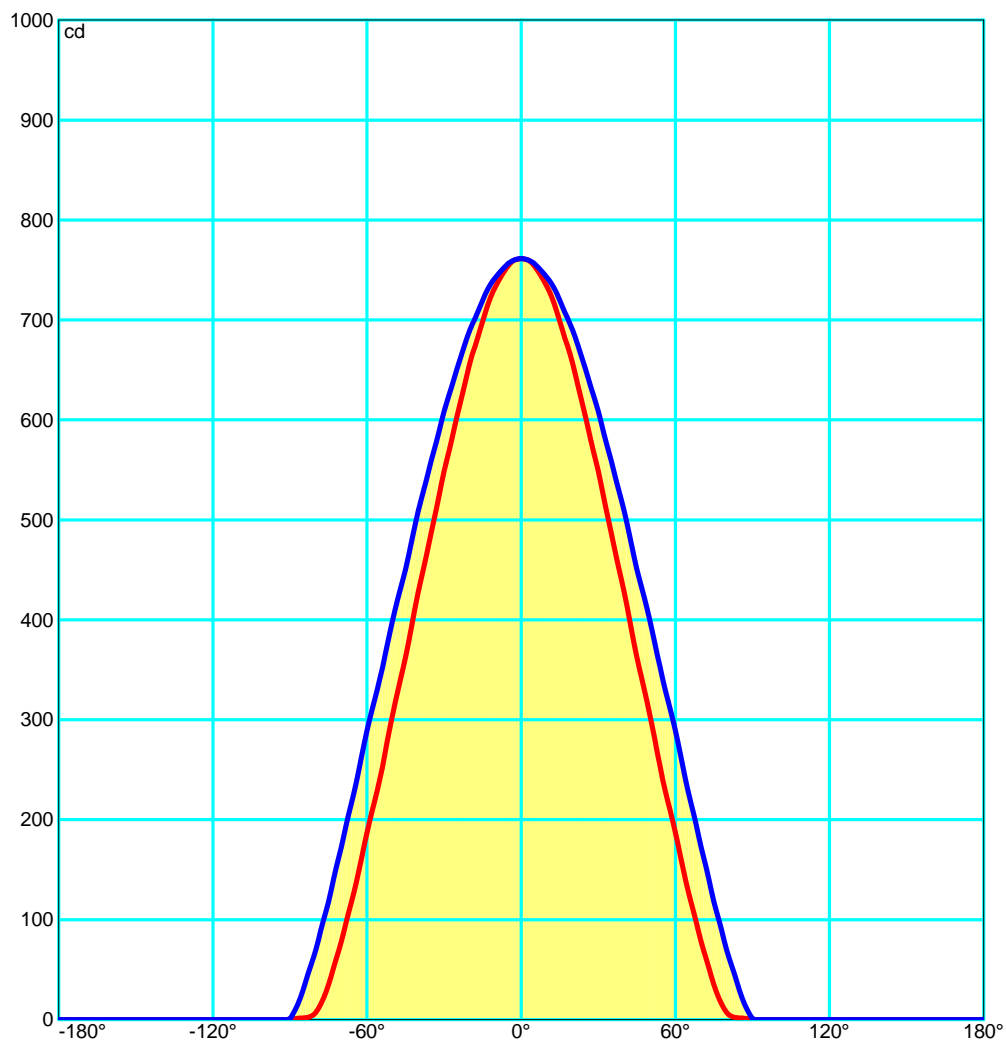
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2000mm x 20mm



Semiplanos C

180.0 ————— 0.0  
270.0 ————— 90.0



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**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	Viewed Crosswise					Viewed Endwise				
x=2H y=2H	21.1	22.4	21.4	22.6	22.8	22.9	24.1	23.2	24.4	24.6
x=2H y=3H	21.9	23.0	22.2	23.3	23.5	24.4	25.5	24.8	25.8	26.1
x=2H y=4H	22.0	23.1	22.4	23.3	23.6	25.1	26.1	25.4	26.4	26.7
x=2H y=6H	22.0	23.0	22.3	23.3	23.6	25.5	26.4	25.8	26.8	27.1
x=2H y=8H	22.0	22.9	22.3	23.2	23.5	25.6	26.6	26.0	26.9	27.2
x=2H y=12H	21.9	22.8	22.3	23.1	23.4	25.7	26.6	26.1	26.9	27.2
x=4H y=2H	21.9	23.0	22.3	23.3	23.5	23.3	24.4	23.7	24.6	24.9
x=4H y=3H	22.8	23.7	23.2	24.0	24.3	25.0	25.9	25.4	26.2	26.6
x=4H y=4H	23.0	23.8	23.4	24.1	24.5	25.8	26.5	26.2	26.9	27.2
x=4H y=6H	23.0	23.6	23.4	24.0	24.4	26.3	27.0	26.7	27.3	27.7
x=4H y=8H	22.9	23.6	23.4	24.0	24.4	26.5	27.1	26.9	27.5	27.9
x=4H y=12H	22.9	23.5	23.4	23.9	24.3	26.6	27.1	27.1	27.6	28.0
x=8H y=4H	23.3	23.9	23.7	24.3	24.7	25.8	26.4	26.2	26.8	27.2
x=8H y=6H	23.3	23.8	23.7	24.2	24.6	26.4	26.9	26.9	27.3	27.8
x=8H y=8H	23.2	23.7	23.7	24.1	24.6	26.6	27.0	27.1	27.5	28.0
x=8H y=12H	23.2	23.6	23.7	24.0	24.5	26.8	27.2	27.3	27.6	28.1
x=12H y=4H	23.3	23.8	23.7	24.2	24.7	25.8	26.3	26.2	26.7	27.2
x=12H y=6H	23.3	23.7	23.8	24.2	24.6	26.4	26.8	26.8	27.2	27.7
x=12H y=8H	23.2	23.6	23.7	24.1	24.6	26.6	27.0	27.1	27.4	27.9

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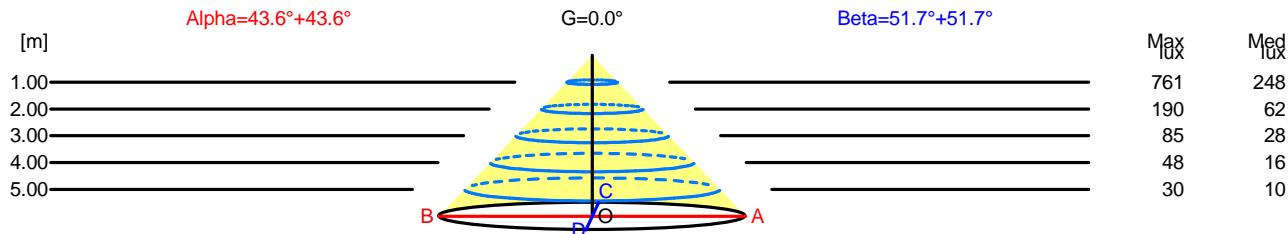
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Sources Flux	1719.20 lm	Maximum value	761.44 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	0.95	1.91	2.86	3.81	4.77	OC	1.27	2.53	3.80	5.07	6.33
OB	0.95	1.91	2.86	3.81	4.77	OD	1.27	2.53	3.80	5.07	6.33

Luminous Intensities [ cd]

	0	5	15	25	35	45	55	65	75	85
OA	761.44	754.31	699.07	603.05	487.49	363.02	240.18	128.05	34.88	1.67
OB	761.44	754.31	699.07	603.05	487.49	363.02	240.18	128.05	34.88	1.67
OC	761.44	756.54	720.01	650.54	559.33	450.86	340.80	227.67	117.62	29.04
OD	761.44	756.54	720.01	650.54	559.33	450.86	340.80	227.67	117.62	29.04



H[m]	D[m]	Max lux	Med lux	Alpha=43.6°+43.6°	G=0.0	
1.00	1.91	761	248			
2.00	3.81	190	62			
3.00	5.72	85	28			
4.00	7.62	48	16			
5.00	9.53	30	10			

H[m]	D[m]	Max lux	Med lux	Beta=51.7°+51.7°	G=0.0	
1.00	2.53	761	248			
2.00	5.07	190	62			
3.00	7.60	85	28			
4.00	10.13	48	16			
5.00	12.67	30	10			

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Sources Flux	1719.20 lm	Maximum value	761.44 cd	Position	C=0.00 G=0.00	CG Double Symmetrical	

Flujo Total=1719.20 Flujo Luminaria=1719.20

RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.36	0.44	0.52	0.59	0.64	0.73	0.78	0.82	0.86	0.89	0.94	0.97
RC	4	4	4	4	4	4	3	3	3	3	3	3

Flujo Zonal por 1000 Lúmenes

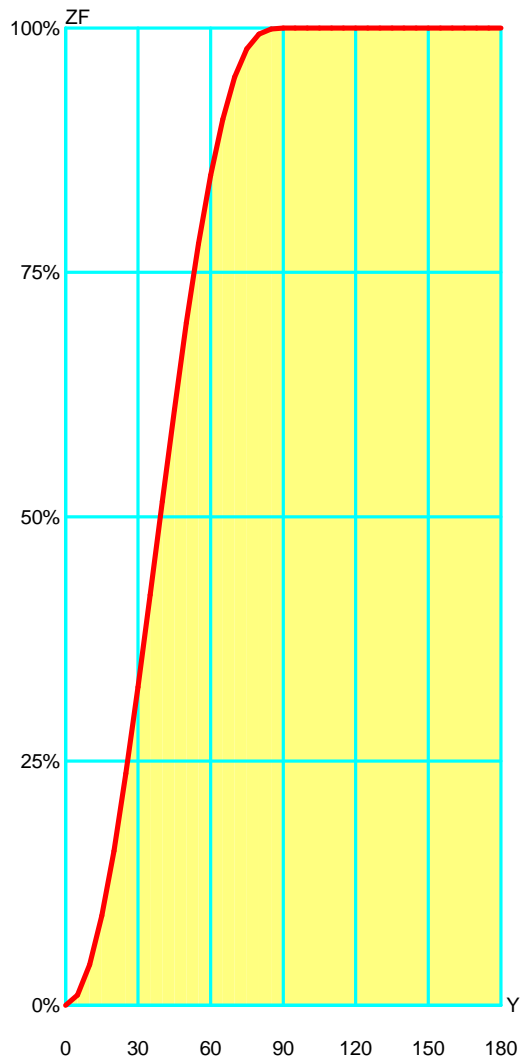
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	42	158	326	516	698	849	950	994	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.

54 85 98 100 100

C.I.E. 4/4/4/4/4/3/3/3/3/3  
D DIN 5040 A40  
F UTE 1.00 D  
B NBN BZ 4 / 1.25 / BZ 3  
RN 0.00000 %  
BLF 1.0

LOR 100.00000 %  
ULOR 0.00000 %  
DLOR 100.00000 %  
UFF 0.00000 %  
DFF 100.00000 %  
FFR 0.00000 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	10.55	10.55	1.06 %	1.06 %
10°	31.09	41.64	3.11 %	4.16 %
15°	49.97	91.61	5.00 %	9.16 %
20°	66.25	157.86	6.63 %	15.79 %
25°	79.25	237.11	7.93 %	23.71 %
30°	88.61	325.72	8.86 %	32.57 %
35°	94.07	419.79	9.41 %	41.98 %
40°	95.79	515.58	9.58 %	51.56 %
45°	93.95	609.53	9.40 %	60.95 %
50°	88.83	698.37	8.88 %	69.84 %
55°	80.76	779.12	8.08 %	77.91 %
60°	70.06	849.19	7.01 %	84.92 %
65°	57.40	906.59	5.74 %	90.66 %
70°	43.23	949.82	4.32 %	94.98 %
75°	28.76	978.57	2.88 %	97.86 %
80°	15.09	993.67	1.51 %	99.37 %
85°	5.32	998.99	0.53 %	99.90 %
90°	1.01	1000.00	0.10 %	100.00 %
95°	0.00	1000.00	0.00 %	100.00 %
100°	0.00	1000.00	0.00 %	100.00 %
105°	0.00	1000.00	0.00 %	100.00 %
110°	0.00	1000.00	0.00 %	100.00 %
115°	0.00	1000.00	0.00 %	100.00 %
120°	0.00	1000.00	0.00 %	100.00 %
125°	0.00	1000.00	0.00 %	100.00 %
130°	0.00	1000.00	0.00 %	100.00 %
135°	0.00	1000.00	0.00 %	100.00 %
140°	0.00	1000.00	0.00 %	100.00 %
145°	0.00	1000.00	0.00 %	100.00 %
150°	0.00	1000.00	0.00 %	100.00 %
155°	0.00	1000.00	0.00 %	100.00 %
160°	0.00	1000.00	0.00 %	100.00 %
165°	0.00	1000.00	0.00 %	100.00 %
170°	0.00	1000.00	0.00 %	100.00 %
175°	0.00	1000.00	0.00 %	100.00 %
180°	0.00	1000.00	0.00 %	100.00 %

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Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=2.50m

