

Luminaire

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

Name Sticks

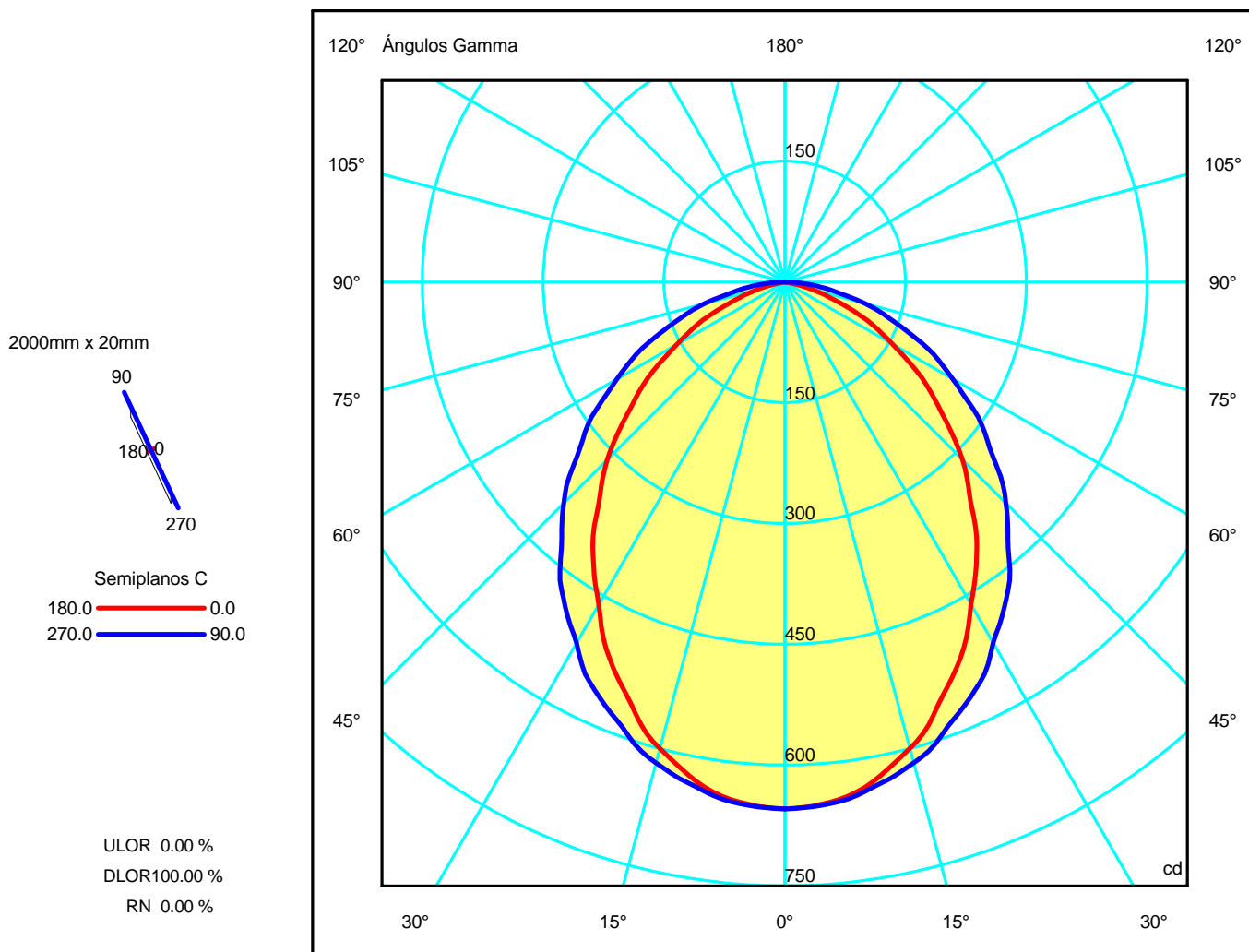
Measur.

Code CL252A20F009GE1

Name 2700K CRI90

Luminaire Flux	1464.93 lm	Luminaire Power	35.20 W	Efficacy	41.62 lm/W	Efficiency	100.00%
Sources Flux	1464.93 lm	Maximum value	654.14 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		1464.93 lm	
Operator		Asselum T2		Rated Voltage			
Temperature		25.00 °C		Rated Current			
Humidity		47.70 %		Photocell		Prc	
Notes		RM20050502					

Line		Code		Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
SAMSUNG LM 281B + 2700K SG VM CRI90		5752676		Name		1464.93	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 3 / 0.6 / BZ 4 / 0.8 / 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	654	654	654	654	654	654	654
G 2.5	652	653	653	653	653	653	653
G 5.0	648	648	649	649	650	650	650
G 7.5	642	641	641	643	644	644	645
G 10.0	630	630	632	634	636	638	636
G 12.5	615	617	620	622	626	629	628
G 15.0	600	601	605	609	614	617	618
G 17.5	583	583	586	594	600	603	607
G 20.0	558	563	569	575	583	590	589
G 22.5	537	541	548	556	565	575	574
G 25.0	515	518	525	536	548	556	559
G 27.5	491	494	501	515	528	536	542
G 30.0	462	468	479	490	505	518	517
G 32.5	439	444	453	467	483	496	499
G 35.0	415	417	429	445	461	473	479
G 37.5	390	392	403	420	439	451	459
G 40.0	360	366	380	394	412	430	432
G 42.5	336	341	351	369	389	405	410
G 45.0	312	314	325	344	365	378	388
G 47.5	284	289	301	320	340	357	366
G 50.0	255	263	278	294	314	334	337
G 52.5	231	236	250	269	290	307	315
G 55.0	208	211	222	244	265	281	293
G 57.5	180	186	199	219	240	258	265
G 60.0	154	161	175	193	215	236	241
G 62.5	133	137	150	170	191	209	218
G 65.0	113	115	124	145	167	184	196
G 67.5	88	91	102	120	141	162	169
G 70.0	66	71	81	97	117	139	145
G 72.5	49	51	60	75	96	114	124
G 75.0	32	34	40	55	72	90	103
G 77.5	16	18	24	34	51	71	76
G 80.0	5	7	8	18	31	51	58
G 82.5	2	2	3	7	16	31	42
G 85.0	2	2	2	2	4	14	26
G 87.5	1	1	1	1	1	3	8
G 90.0	1	1	1	1	1	1	1

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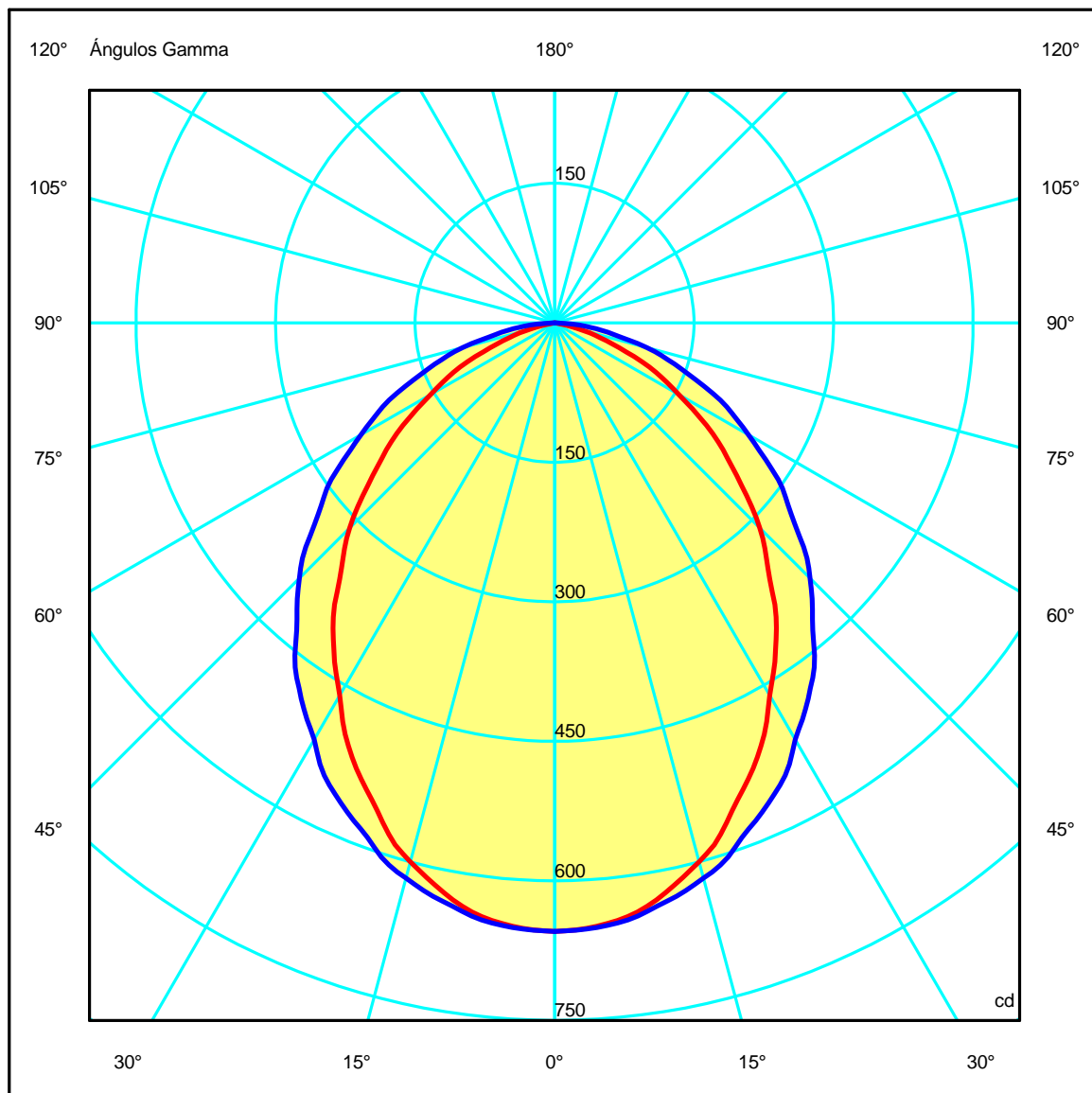
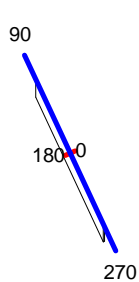
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Sources Flux	1464.93 lm	Maximum value	654.14 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

2000mm x 20mm

Semiplanos C



Luminaire

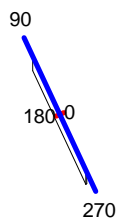
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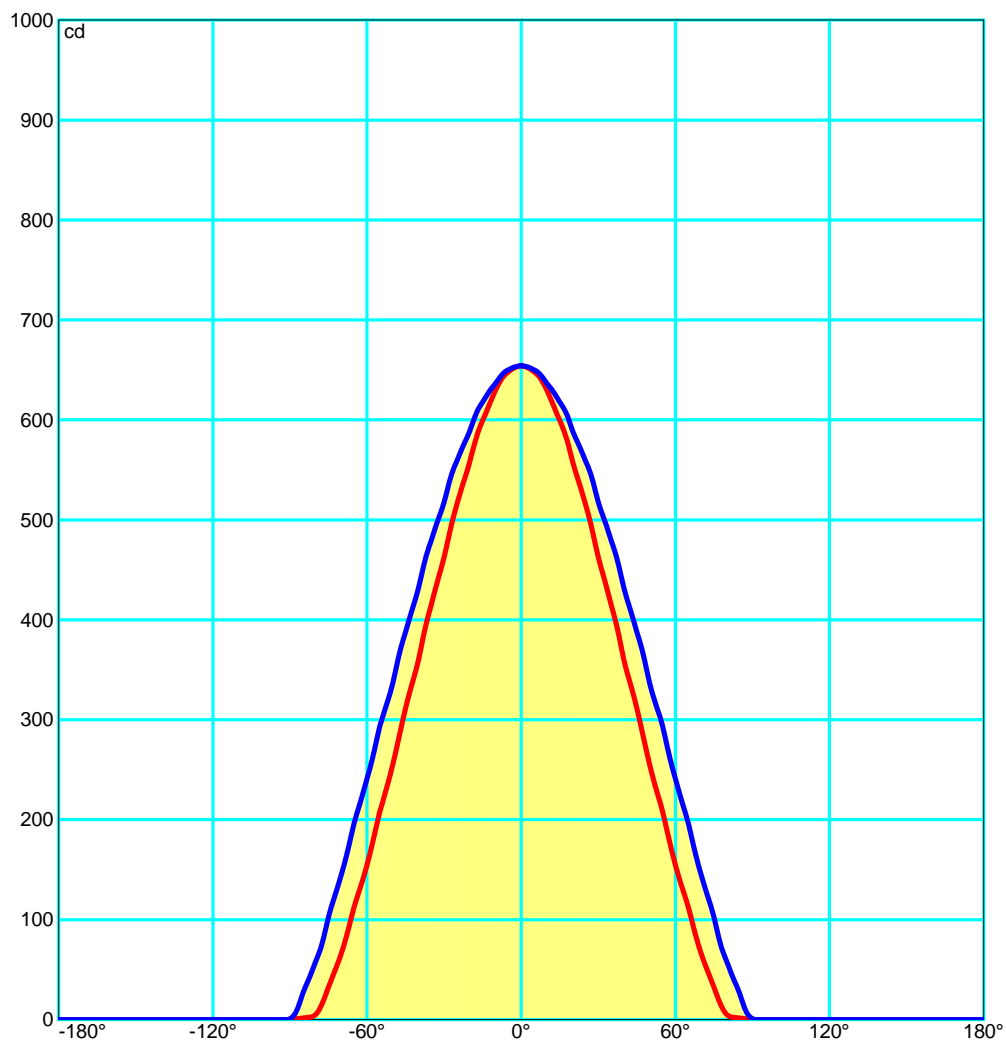
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2000mm x 20mm



Semiplanos C

180.0 ——— 0.0
270.0 ——— 90.0



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Sources Flux	1464.93 lm	Maximum value	654.14 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	20.5	21.8	20.8	22.0	22.2	22.3	23.5	22.6	23.8	24.0
x=2H y=3H	21.3	22.4	21.6	22.7	22.9	23.9	25.0	24.2	25.2	25.5
x=2H y=4H	21.5	22.5	21.8	22.8	23.1	24.5	25.5	24.8	25.8	26.1
x=2H y=6H	21.4	22.4	21.8	22.7	23.0	24.9	25.9	25.3	26.2	26.5
x=2H y=8H	21.4	22.3	21.7	22.6	22.9	25.0	26.0	25.4	26.3	26.6
x=2H y=12H	21.4	22.2	21.7	22.5	22.9	25.1	26.0	25.5	26.3	26.7
x=4H y=2H	21.4	22.4	21.7	22.7	22.9	22.8	23.8	23.1	24.1	24.3
x=4H y=3H	22.2	23.1	22.6	23.4	23.8	24.5	25.3	24.8	25.6	26.0
x=4H y=4H	22.4	23.2	22.8	23.5	23.9	25.2	25.9	25.6	26.3	26.6
x=4H y=6H	22.4	23.1	22.8	23.4	23.8	25.7	26.4	26.1	26.7	27.1
x=4H y=8H	22.4	23.0	22.8	23.4	23.8	25.9	26.5	26.3	26.9	27.3
x=4H y=12H	22.4	22.9	22.8	23.3	23.7	26.0	26.6	26.5	27.0	27.4
x=8H y=4H	22.7	23.3	23.1	23.7	24.1	25.2	25.8	25.6	26.2	26.6
x=8H y=6H	22.7	23.2	23.2	23.6	24.1	25.8	26.3	26.3	26.7	27.2
x=8H y=8H	22.7	23.1	23.1	23.5	24.0	26.0	26.5	26.5	26.9	27.4
x=8H y=12H	22.6	23.0	23.1	23.5	24.0	26.2	26.5	26.7	27.0	27.5
x=12H y=4H	22.7	23.3	23.2	23.7	24.1	25.2	25.7	25.6	26.2	26.6
x=12H y=6H	22.7	23.1	23.2	23.6	24.1	25.8	26.2	26.2	26.7	27.1
x=12H y=8H	22.7	23.0	23.2	23.5	24.0	26.0	26.4	26.5	26.8	27.3

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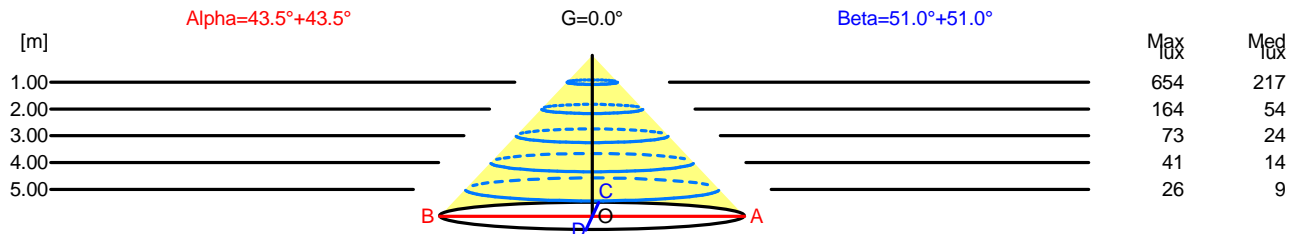
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Sources Flux	1464.93 lm	Maximum value	654.14 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.90	2.84	3.79	4.74	OC	1.24	2.47	3.71	4.94	6.18
OB	0.95	1.90	2.84	3.79	4.74	OD	1.24	2.47	3.71	4.94	6.18

Luminous Intensities [cd]

	0	5	15	25	35	45	55	65	75	85
OA	654.14	648.23	599.65	515.43	414.98	311.76	207.66	112.64	32.47	1.58
OB	654.14	648.23	599.65	515.43	414.98	311.76	207.66	112.64	32.47	1.58
OC	654.14	650.10	618.05	558.92	479.38	388.23	293.28	196.45	102.81	26.49
OD	654.14	650.10	618.05	558.92	479.38	388.23	293.28	196.45	102.81	26.49



H[m]	D[m]	Max lux	Med lux	Alpha=43.5°+43.5°	G=0.0
1.00	1.90	654	217		
2.00	3.79	164	54		
3.00	5.69	73	24		
4.00	7.58	41	14		
5.00	9.48	26	9		

H[m]	D[m]	Max lux	Med lux	Beta=51.0°+51.0°	G=0.0
1.00	2.47	654	217		
2.00	4.94	164	54		
3.00	7.41	73	24		
4.00	9.88	41	14		
5.00	12.35	26	9		

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Sources Flux	1464.93 lm	Maximum value	654.14 cd	Position	C=0.00 G=0.00	CG Double Symmetrical	

Flujo Total=1464.93 Flujo Luminaria=1464.93

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	0.65	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	159	327	517	700	850	950	994	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

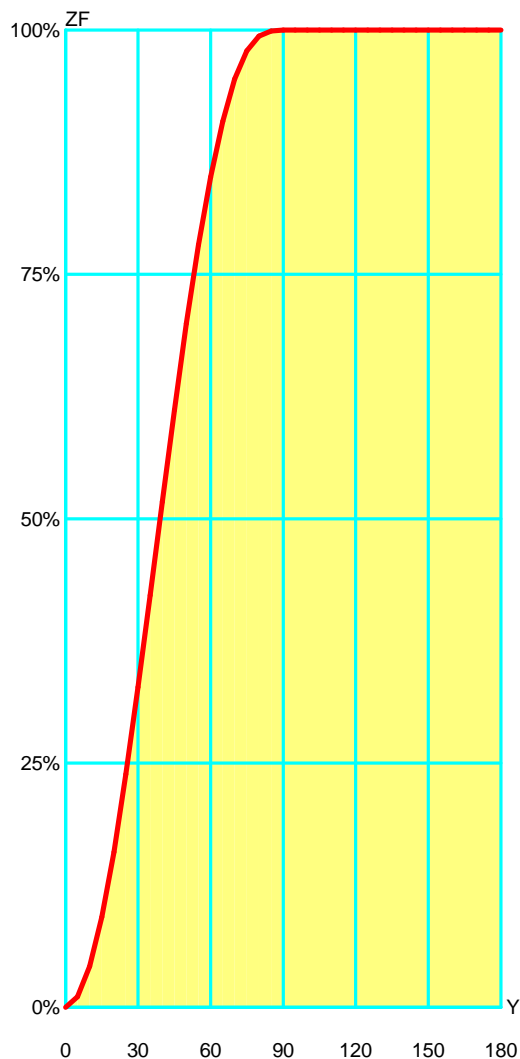
Códigos de Flujo C.I.E.

54 85 98 100 100

C.I.E.
D DIN 5040
F UTE
B NBN
RN
BLF

4/4/4/4/4/3/3/3/3/3
A40
1.00 D
BZ 3 / 0.6 / BZ 4 / 0.8 / BZ 3
0.00000 %
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°	10.64	10.64	1.06 %	1.06 %
10°	31.33	41.97	3.13 %	4.20 %
15°	50.33	92.30	5.03 %	9.23 %
20°	66.64	158.95	6.66 %	15.89 %
25°	79.60	238.55	7.96 %	23.86 %
30°	88.85	327.40	8.88 %	32.74 %
35°	94.12	421.52	9.41 %	42.15 %
40°	95.83	517.35	9.58 %	51.74 %
45°	93.74	611.09	9.37 %	61.11 %
50°	88.63	699.72	8.86 %	69.97 %
55°	80.37	780.09	8.04 %	78.01 %
60°	69.66	849.74	6.97 %	84.97 %
65°	57.07	906.82	5.71 %	90.68 %
70°	43.01	949.83	4.30 %	94.98 %
75°	28.76	978.59	2.88 %	97.86 %
80°	15.10	993.68	1.51 %	99.37 %
85°	5.33	999.01	0.53 %	99.90 %
90°	0.99	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

