

Luminaire

Code 7300/7310/7320/7330/7340/7350
Name Sticks

Measurum.

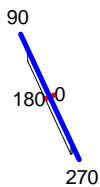
Code CL252A20F009G
Name 2700K CRI90

Luminaire Flux	1088.71 lm	Luminaire Power	26.16 W	Efficacy	41.62 lm/W	Efficiency	100.00%
Sources Flux	1088.71 lm	Maximum value	486.15 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical
Rectangular Luminaire		Length	1510 mm	Width	20 mm	Height	30 mm
Rectangular Luminous Area		Length	1460 mm	Width	15 mm	Height	0 mm
Horizontal Luminous Area		0.021900 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°		0.005298 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		13-05-2020		Maximum Gamma Angle		90	
Measurement Distance		6.44		Measurement Flux		1088.71 lm	
Operator		Asselum T2		Rated Voltage		Prc	
Temperature		25.00 °C		Rated Current			
Humidity		47.70 %		Photocell			
Notes		RM20050502					

Line		Code		Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
SAMSUNG LM 281B + 2700K SG VM CRI90		5752676		Name		1088.71	26.16	1
				LED STRIP 26,4W 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			



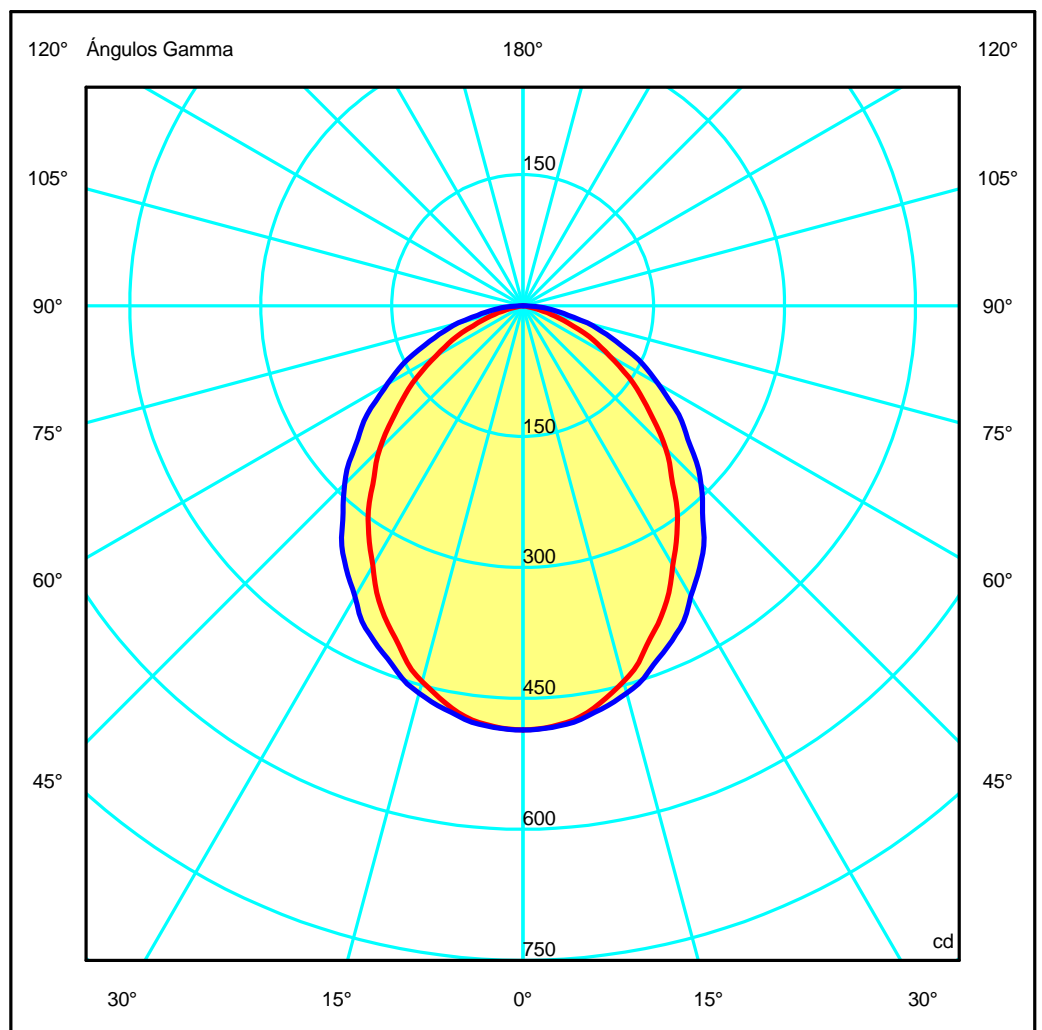
1510mm x 20mm



Semiplanos C

180.0 — 0.0
270.0 — 90.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



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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	486	486	486	486	486	486	486
G 2.5	485	485	485	485	485	486	485
G 5.0	482	482	483	483	483	483	483
G 7.5	477	476	477	478	479	479	480
G 10.0	468	469	470	471	473	474	473
G 12.5	457	459	461	463	465	467	467
G 15.0	446	446	450	453	456	459	459
G 17.5	433	433	436	441	446	448	451
G 20.0	415	419	423	427	434	439	438
G 22.5	399	402	407	413	420	427	427
G 25.0	383	385	390	399	407	413	415
G 27.5	365	367	373	383	393	398	403
G 30.0	344	348	356	364	375	385	385
G 32.5	327	330	337	347	359	368	371
G 35.0	308	310	318	330	343	351	356
G 37.5	290	291	299	312	326	335	341
G 40.0	267	272	282	293	306	319	321
G 42.5	250	253	261	274	289	301	305
G 45.0	232	233	241	256	271	281	289
G 47.5	211	215	224	238	253	265	272
G 50.0	190	195	206	218	234	248	250
G 52.5	172	176	186	200	215	228	234
G 55.0	154	157	165	181	197	209	218
G 57.5	134	138	148	163	179	192	197
G 60.0	115	120	130	144	160	176	179
G 62.5	99	102	111	126	142	156	162
G 65.0	84	85	92	107	124	137	146
G 67.5	65	68	76	89	105	120	126
G 70.0	49	53	61	72	87	103	108
G 72.5	36	38	45	56	71	85	92
G 75.0	24	25	30	41	54	67	76
G 77.5	12	13	18	25	38	53	56
G 80.0	4	5	6	13	23	38	43
G 82.5	2	2	2	5	12	23	31
G 85.0	1	1	1	1	3	11	20
G 87.5	1	1	1	1	1	2	6
G 90.0	0	1	0	0	0	0	0

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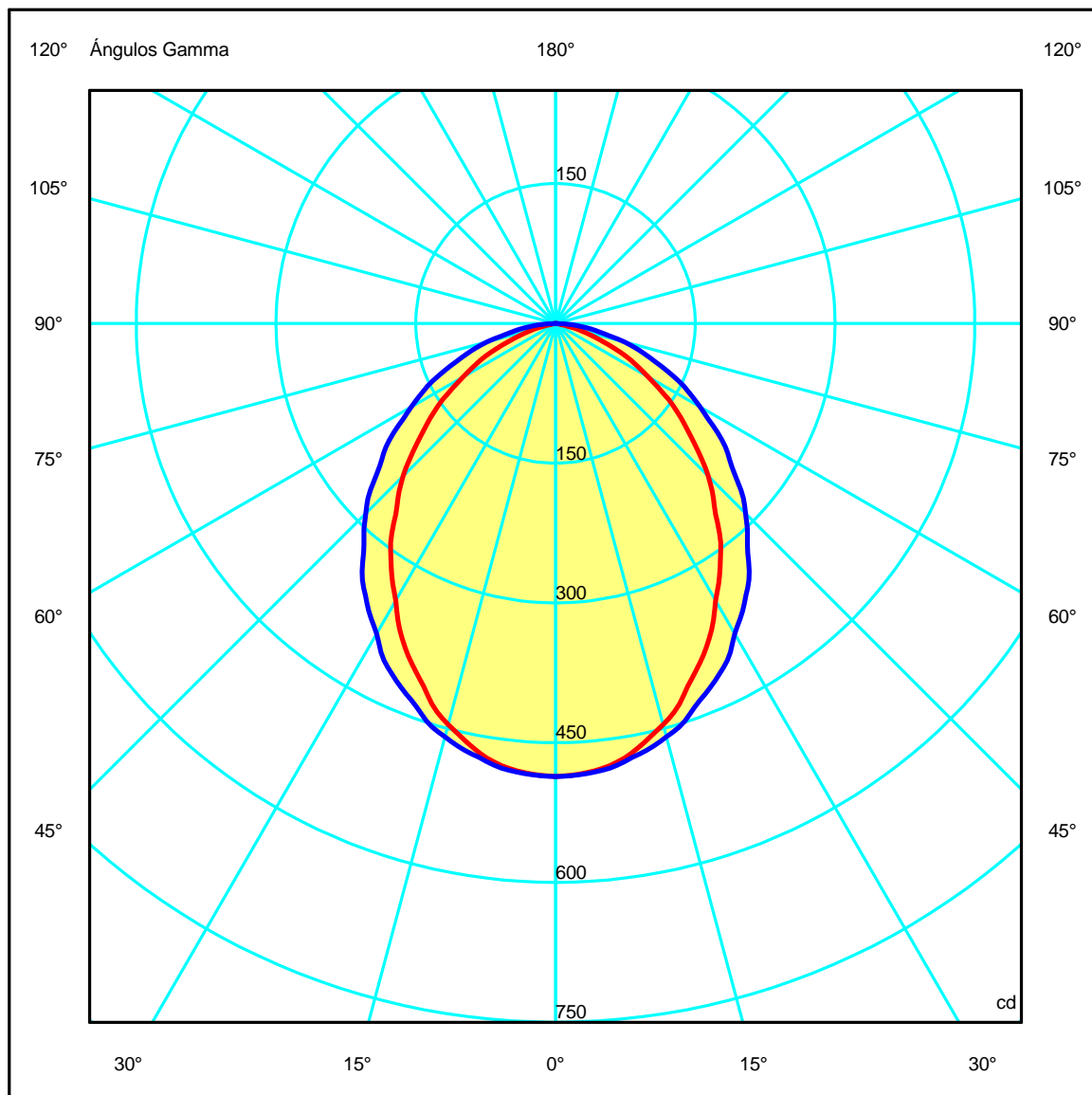
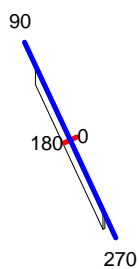
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1510mm x 20mm

Semiplanos C



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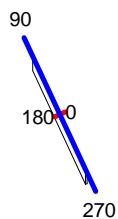
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1510mm x 20mm



Semiplanos C

180.0 ——— 0.0
270.0 ——— 90.0



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Measurem.

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Sources Flux	1088.71 lm	Maximum value	486.15 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	20.6	21.8	20.9	22.0	22.3	22.4	23.6	22.7	23.8	24.1
x=2H y=3H	21.4	22.5	21.7	22.7	23.0	23.9	25.0	24.2	25.3	25.5
x=2H y=4H	21.5	22.6	21.9	22.8	23.1	24.5	25.6	24.9	25.8	26.1
x=2H y=6H	21.5	22.4	21.8	22.8	23.1	25.0	25.9	25.3	26.2	26.5
x=2H y=8H	21.4	22.4	21.8	22.7	23.0	25.1	26.0	25.5	26.3	26.6
x=2H y=12H	21.4	22.3	21.8	22.6	22.9	25.2	26.1	25.6	26.4	26.7
x=4H y=2H	21.4	22.5	21.8	22.7	23.0	22.8	23.9	23.2	24.1	24.4
x=4H y=3H	22.3	23.2	22.7	23.5	23.8	24.5	25.4	24.9	25.7	26.0
x=4H y=4H	22.5	23.3	22.9	23.6	24.0	25.2	26.0	25.6	26.3	26.7
x=4H y=6H	22.5	23.1	22.9	23.5	23.9	25.8	26.4	26.2	26.8	27.2
x=4H y=8H	22.5	23.1	22.9	23.4	23.9	26.0	26.6	26.4	27.0	27.4
x=4H y=12H	22.4	23.0	22.9	23.4	23.8	26.1	26.6	26.5	27.0	27.5
x=8H y=4H	22.8	23.4	23.2	23.8	24.2	25.3	25.9	25.7	26.3	26.7
x=8H y=6H	22.8	23.2	23.2	23.7	24.1	25.9	26.4	26.3	26.8	27.2
x=8H y=8H	22.7	23.2	23.2	23.6	24.1	26.1	26.5	26.6	27.0	27.4
x=8H y=12H	22.7	23.1	23.2	23.5	24.0	26.2	26.6	26.7	27.1	27.6
x=12H y=4H	22.8	23.3	23.2	23.7	24.2	25.3	25.8	25.7	26.2	26.6
x=12H y=6H	22.8	23.2	23.2	23.7	24.1	25.8	26.3	26.3	26.7	27.2
x=12H y=8H	22.7	23.1	23.2	23.6	24.1	26.1	26.4	26.5	26.9	27.4

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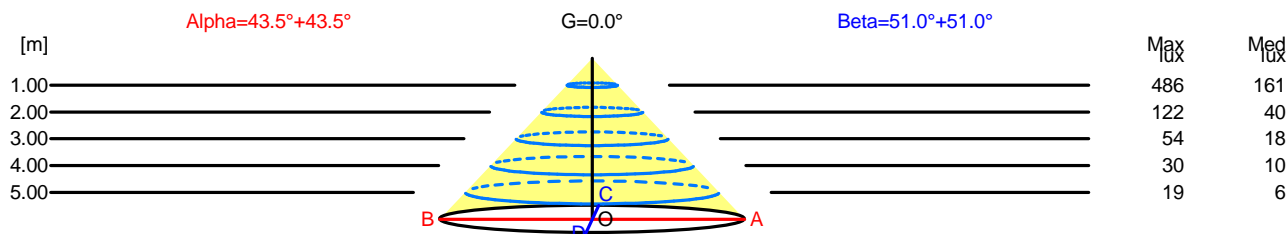
Luminaire Flux	1088.71 lm	Luminaire Power	26.16 W	Efficacy	41.62 lm/W	Efficiency	100.00%
Sources Flux	1088.71 lm	Maximum value	486.15 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	486.15	481.75	445.65	383.06	308.40	231.70	154.33	83.71	24.13	1.17
OB	486.15	481.75	445.65	383.06	308.40	231.70	154.33	83.71	24.13	1.17
OC	486.15	483.14	459.33	415.38	356.27	288.53	217.96	146.00	76.41	19.69
OD	486.15	483.14	459.33	415.38	356.27	288.53	217.96	146.00	76.41	19.69



H[m]	D[m]	Max lux	Med lux	Alpha=43.5°+43.5°	G=0.0	
1.00	1.90	486	161			
2.00	3.79	122	40			
3.00	5.69	54	18			
4.00	7.58	30	10			
5.00	9.48	19	6			

H[m]	D[m]	Max lux	Med lux	Beta=51.0°+51.0°	G=0.0	
1.00	2.47	486	161			
2.00	4.94	122	40			
3.00	7.41	54	18			
4.00	9.88	30	10			
5.00	12.35	19	6			

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Flujo Total=1088.71 Flujo Luminaria=1088.71

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

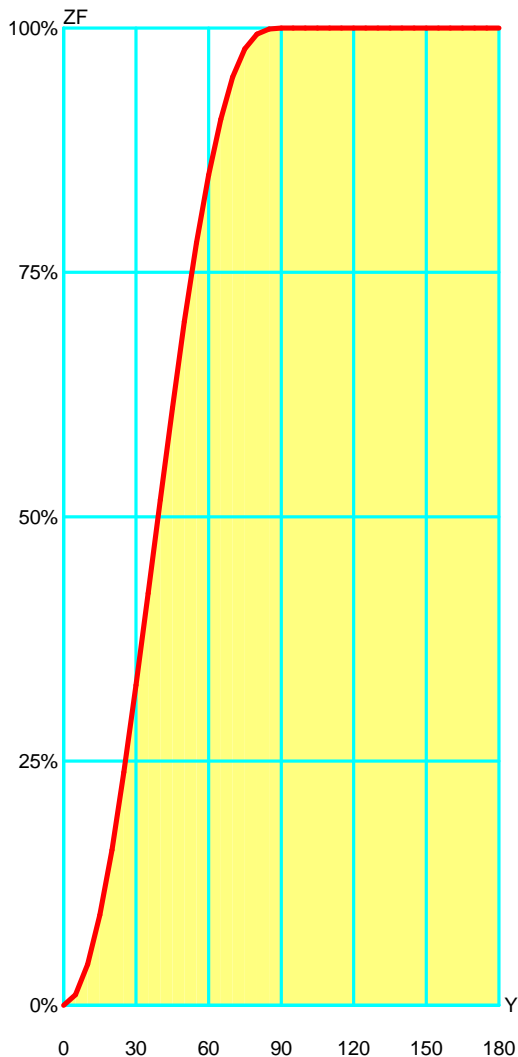
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	42	159	327	517	700	850	950	994	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.

54 85 98 100 100

C.I.E. 4/4/4/4/4/3/3/3/3/3
D DIN 5040 A40
F UTE 1.00 D
B NBN BZ 3 / 0.6 / BZ 4 / 0.8 / 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°	10.64	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

