

Luminaire

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

Measur.

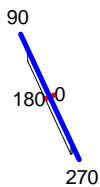
Code CL252A20F008G
Name 4000K CRI90

Luminaire Flux	1265.96 lm	Luminaire Power	25.92 W	Efficacy	48.84 lm/W	Efficiency	100.00%
Sources Flux	1265.96 lm	Maximum value	560.70 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		1265.96 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		1265.96	25.92	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 4 / 1.25 / BZ 3			



1510mm x 20mm



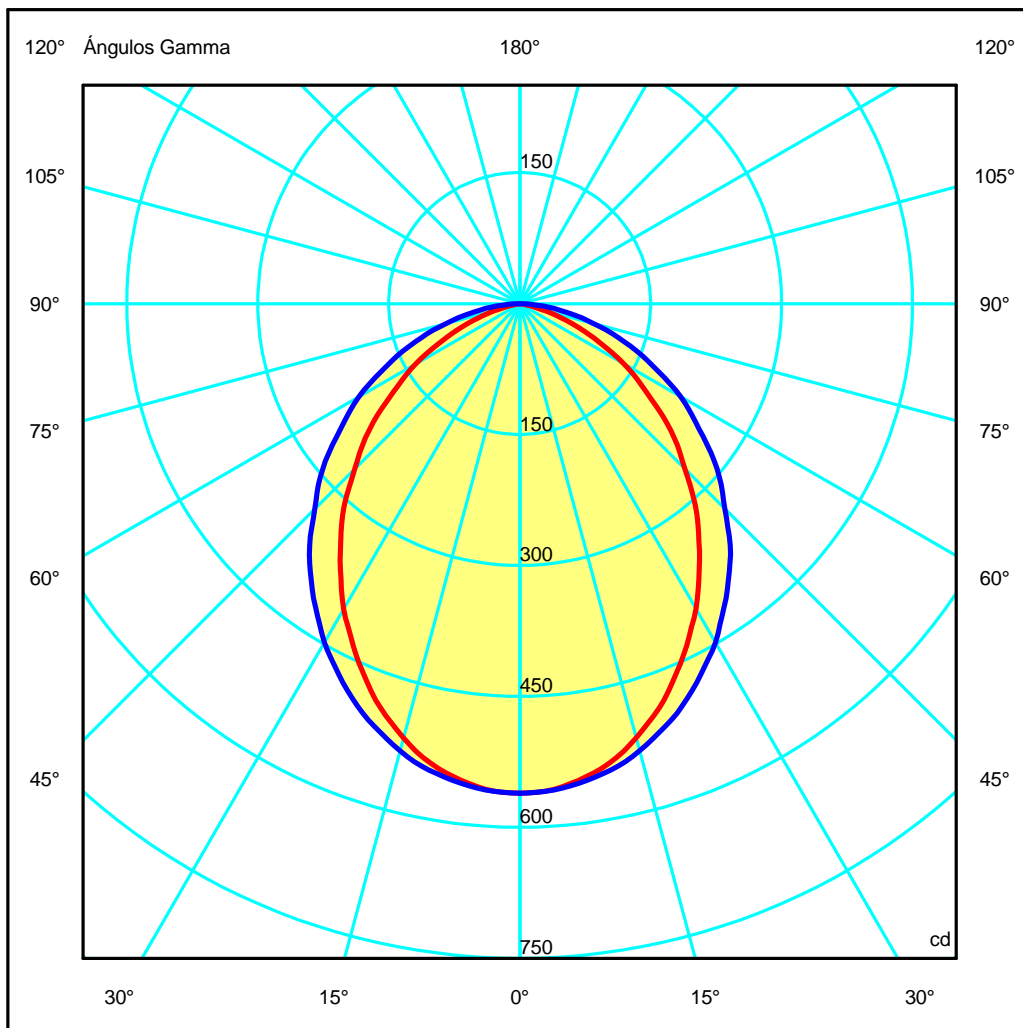
Semiplanos C

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

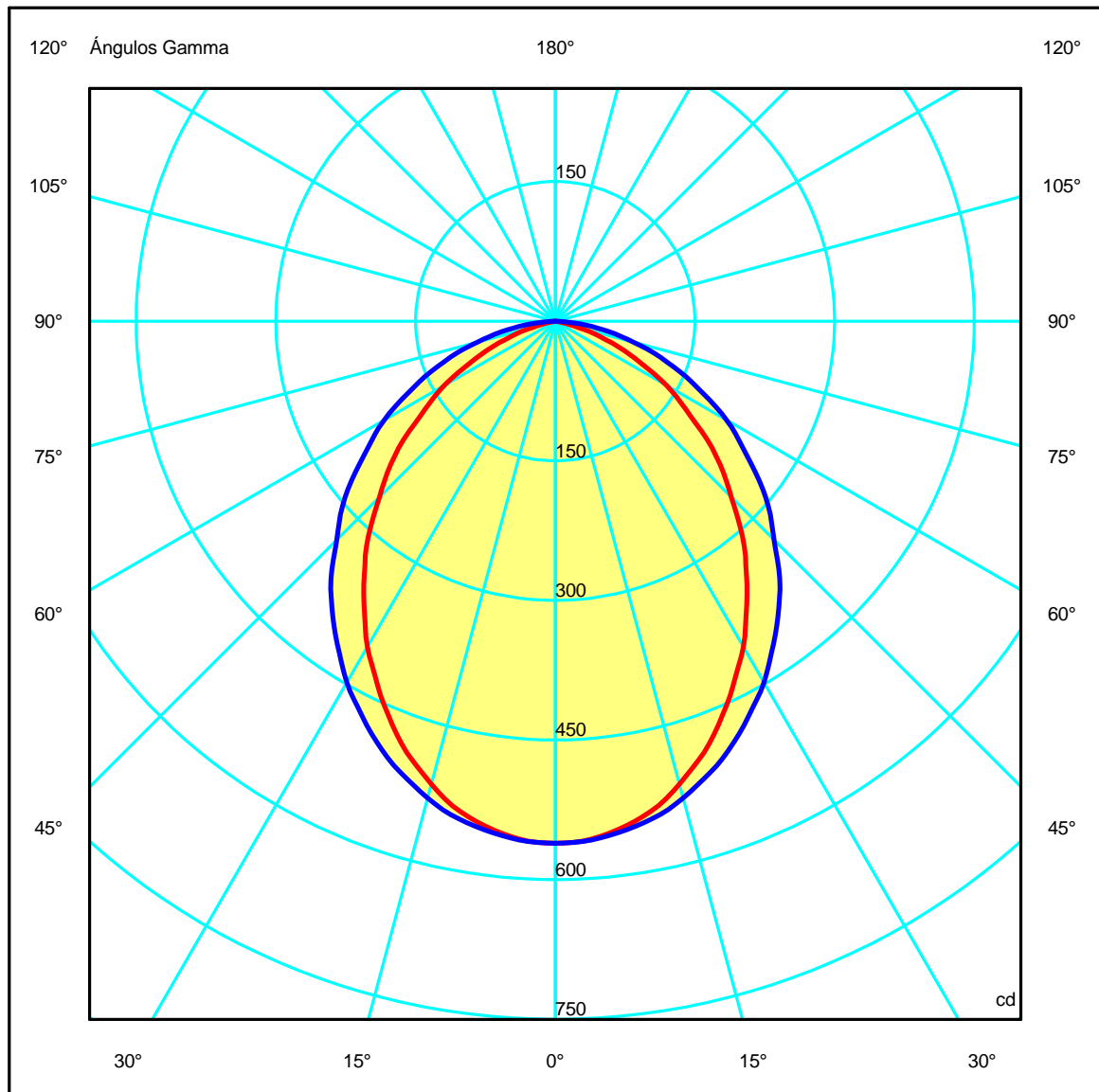
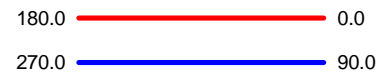
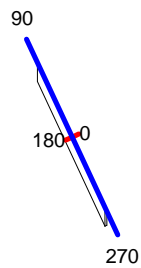
	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	561	561	561	561	561	561	561
G 2.5	560	559	560	560	560	560	560
G 5.0	555	556	556	557	557	557	557
G 7.5	549	550	550	552	552	553	552
G 10.0	540	541	542	543	546	546	547
G 12.5	529	529	532	534	538	538	540
G 15.0	515	517	519	523	527	530	530
G 17.5	499	501	504	511	514	519	519
G 20.0	483	485	489	495	502	504	508
G 22.5	463	465	471	478	488	492	494
G 25.0	444	447	453	462	470	478	479
G 27.5	423	427	432	444	453	464	463
G 30.0	404	406	414	423	437	443	448
G 32.5	381	384	392	404	418	426	429
G 35.0	359	363	371	385	395	409	412
G 37.5	337	339	349	363	377	390	393
G 40.0	316	316	329	340	358	368	375
G 42.5	292	295	306	320	337	349	354
G 45.0	267	275	282	300	313	330	332
G 47.5	247	250	261	277	294	309	314
G 50.0	225	226	241	254	275	286	295
G 52.5	202	205	217	234	251	267	273
G 55.0	177	185	194	214	229	247	251
G 57.5	157	161	173	190	209	224	232
G 60.0	138	138	151	167	189	202	213
G 62.5	115	119	130	147	166	183	190
G 65.0	94	99	108	127	143	163	168
G 67.5	76	80	89	104	124	138	148
G 70.0	58	60	71	83	104	119	127
G 72.5	42	44	51	65	82	100	108
G 75.0	26	29	34	48	62	82	87
G 77.5	13	15	20	29	45	59	70
G 80.0	5	5	8	15	28	42	51
G 82.5	2	2	2	6	13	28	37
G 85.0	1	1	1	2	3	14	21
G 87.5	1	1	1	1	1	3	9
G 90.0	1	1	1	0	0	0	0

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1510mm x 20mm

Semiplanos C



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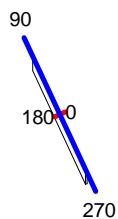
Measurem.

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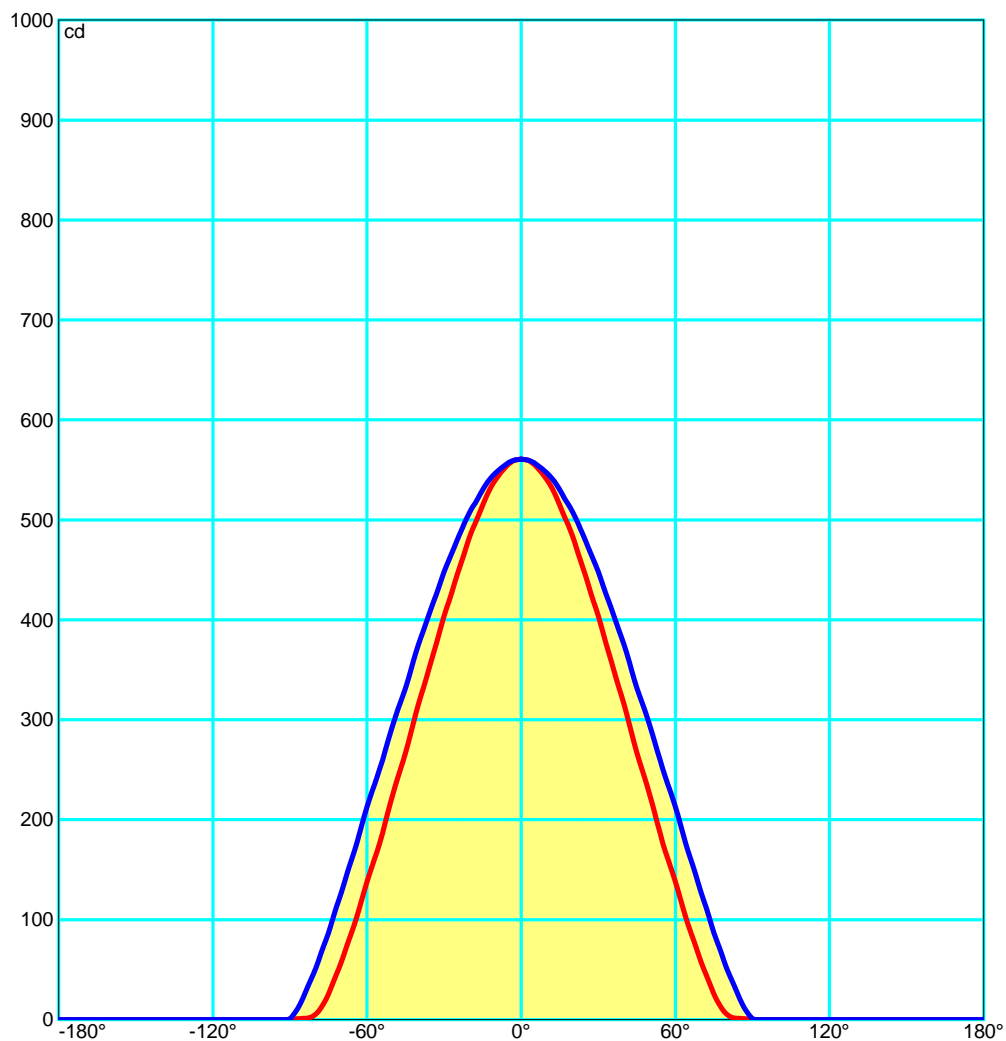
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1510mm x 20mm



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180.0 ——— 0.0
270.0 ——— 90.0



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Sources Flux	1265.96 lm	Maximum value	560.70 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	21.2	22.4	21.5	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	24.5	25.6	24.8	25.8	26.1
x=2H y=4H	22.1	23.1	22.4	23.4	23.7	25.1	26.1	25.4	26.4	26.7
x=2H y=6H	22.0	23.0	22.4	23.3	23.6	25.5	26.5	25.9	26.8	27.1
x=2H y=8H	22.0	22.9	22.3	23.2	23.5	25.7	26.6	26.0	26.9	27.2
x=2H y=12H	22.0	22.8	22.3	23.2	23.5	25.8	26.6	26.1	27.0	27.3
x=4H y=2H	22.0	23.0	22.3	23.3	23.6	23.4	24.4	23.7	24.7	25.0
x=4H y=3H	22.9	23.7	23.2	24.0	24.4	25.1	25.9	25.4	26.3	26.6
x=4H y=4H	23.0	23.8	23.4	24.1	24.5	25.8	26.6	26.2	26.9	27.3
x=4H y=6H	23.0	23.7	23.4	24.1	24.5	26.3	27.0	26.7	27.4	27.8
x=4H y=8H	23.0	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	27.2	27.1	27.6	28.0
x=8H y=4H	23.3	23.9	23.7	24.3	24.7	25.8	26.5	26.3	26.8	27.3
x=8H y=6H	23.3	23.8	23.8	24.2	24.7	26.4	26.9	26.9	27.3	27.8
x=8H y=8H	23.3	23.7	23.7	24.1	24.6	26.6	27.1	27.1	27.5	28.0
x=8H y=12H	23.2	23.6	23.7	24.1	24.6	26.8	27.2	27.3	27.6	28.1
x=12H y=4H	23.3	23.8	23.8	24.3	24.7	25.8	26.4	26.3	26.8	27.2
x=12H y=6H	23.3	23.7	23.8	24.2	24.7	26.4	26.8	26.9	27.3	27.8
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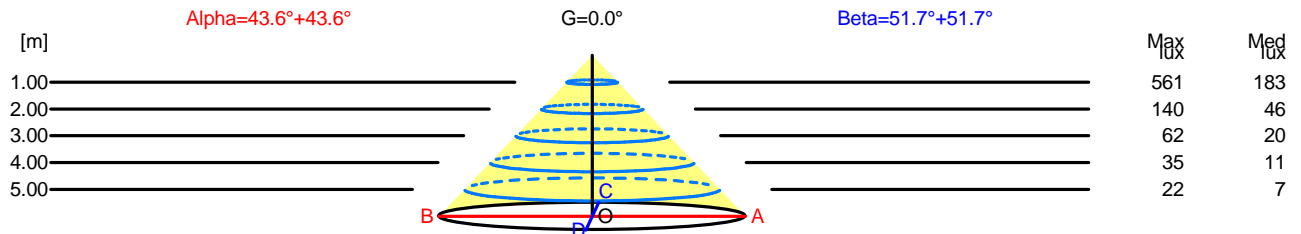
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Sources Flux	1265.96 lm	Maximum value	560.70 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	560.70	555.45	514.77	444.07	358.97	267.31	176.86	94.29	25.69	1.23
OB	560.70	555.45	514.77	444.07	358.97	267.31	176.86	94.29	25.69	1.23
OC	560.70	557.09	530.19	479.04	411.87	332.00	250.95	167.65	86.61	21.38
OD	560.70	557.09	530.19	479.04	411.87	332.00	250.95	167.65	86.61	21.38



H[m]	D[m]	Max lux	Med lux	Alpha=43.6°+43.6°	G=0.0	
1.00	1.91	561	183			
2.00	3.81	140	46			
3.00	5.72	62	20			
4.00	7.62	35	11			
5.00	9.53	22	7			

H[m]	D[m]	Max lux	Med lux	Beta=51.7°+51.7°	G=0.0	
1.00	2.53	561	183			
2.00	5.07	140	46			
3.00	7.60	62	20			
4.00	10.13	35	11			
5.00	12.67	22	7			

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Sources Flux	1265.96 lm	Maximum value	560.70 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Flujo Total=1265.96 Flujo Luminaria=1265.96

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

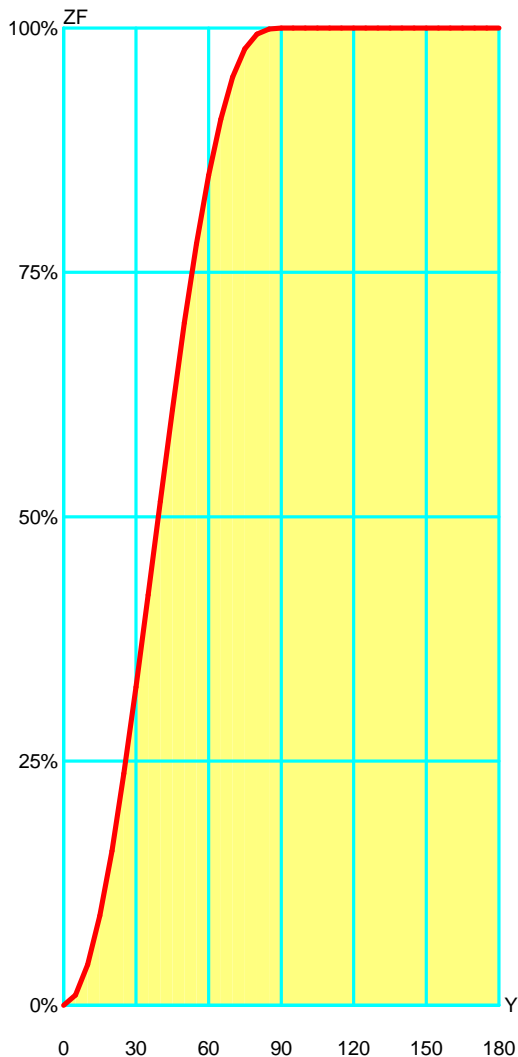
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	42	158	326	516	698	849	950	994	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

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

