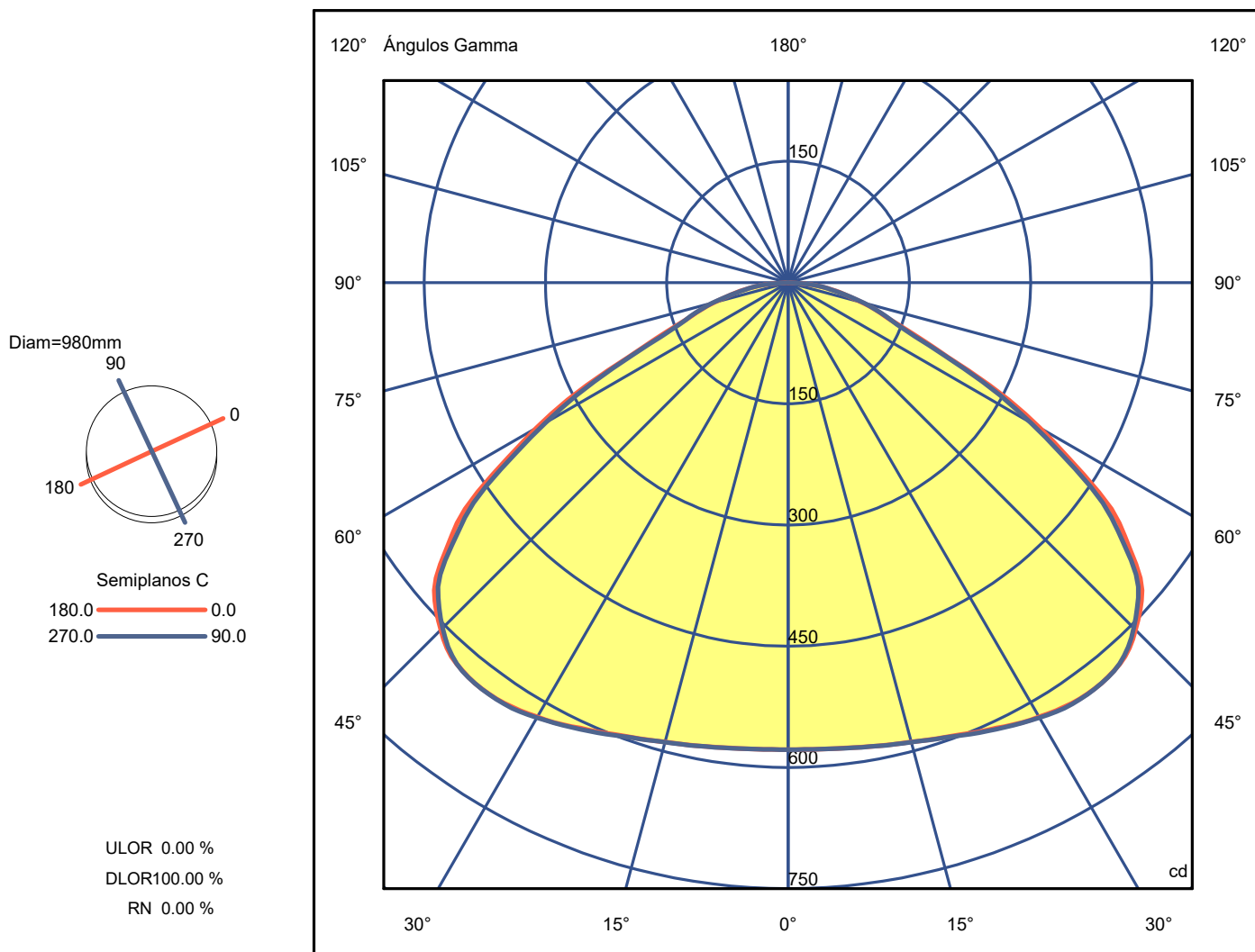


Luminaire

Code A681-553
Name Djembé C 100.38 Sound
Measurem.
Code CL041A21F018G
Name Djembé C 100.38 Sound

Luminaire Flux	2141.44 lm	Luminaire Power	38.30 W	Efficacy	55.91 lm/W	Efficiency	100.00%
Sources Flux	2141.44 lm	Maximum value	629.51 cd	Position	C=90.00 G=37.50	CG	Double Symmetrical
Round Luminaire Round Luminous Area		Diam. Diam.	980 mm 970 mm	Height Height	370 mm 0 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°		0.738981 m2 0.000000 m2 0.000000 m2		Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°		0.000000 m2 0.000000 m2 0.178776 m2	
Coordinate system Date Measurement Distance		CG 08-03-2021 6.44		Symmetry Type Maximum Gamma Angle Measurement Flux		Double Symmetrical 90 2141.44 lm	
Operator Temperature Humidity Notes		Asselum T2 25.00 °C RM21022405		Rated Voltage Rated Current Photocell		230.10 V 0.17 A Prc	

Luminaire Sources					
Line		Code LED	Name LED	Flux [lm] 2141.44	Pow. [W] 38.30
C.I.E. F UTE	45 83 97 100 100 1.00 F		D DIN 5040 B NBN	A30 BZ 5 / 1.25 / BZ 4	Q.ty 1



Luminaire

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Measur.
Code CL041A21F018G
Name Djembé C 100.38 Sound

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Sources Flux	2141.44 lm	Maximum value	629.51 cd	Position	C=90.00 G=37.50	CG	Double Symmetrical

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	577.77	577.77	577.77	577.77	577.77	577.77	577.77
G 2.5	578.00	578.04	578.05	578.04	578.12	578.14	578.01
G 5.0	579.07	579.04	579.02	579.14	579.09	579.05	579.12
G 7.5	580.44	580.45	580.42	580.64	580.51	580.80	580.76
G 10.0	582.96	582.64	582.74	582.69	582.70	582.83	582.98
G 12.5	585.45	585.65	585.73	585.51	585.65	585.69	585.69
G 15.0	588.46	588.96	588.87	588.80	589.26	588.95	588.58
G 17.5	592.44	592.22	592.33	592.54	592.57	592.35	592.80
G 20.0	596.64	596.48	596.14	597.16	596.63	597.71	597.39
G 22.5	602.48	602.03	601.88	602.52	602.78	602.93	603.65
G 25.0	608.22	608.83	609.11	609.18	609.94	610.23	609.50
G 27.5	615.23	614.81	615.16	615.17	616.28	615.74	615.69
G 30.0	620.46	620.10	620.71	620.85	621.42	621.82	621.55
G 32.5	625.38	624.44	625.10	625.62	625.65	626.16	626.91
G 35.0	628.65	627.79	628.16	628.41	628.73	628.84	629.35
G 37.5	629.32	628.54	628.85	628.86	629.07	629.06	629.51
G 40.0	626.82	625.74	626.33	626.45	626.17	626.15	627.11
G 42.5	620.77	619.47	620.01	619.30	619.31	618.58	618.98
G 45.0	607.63	608.11	607.61	606.56	607.41	605.87	604.40
G 47.5	591.77	588.98	588.74	588.05	588.11	586.45	586.44
G 50.0	568.73	560.84	561.83	560.22	559.32	557.71	561.74
G 52.5	528.76	527.15	526.06	522.55	521.99	524.06	519.11
G 55.0	487.97	483.68	482.93	477.48	477.71	469.18	475.09
G 57.5	421.75	429.23	422.67	420.65	421.79	416.51	410.11
G 60.0	359.53	357.18	353.04	349.79	347.18	347.09	346.57
G 62.5	294.79	283.38	282.65	281.47	272.75	276.70	283.03
G 65.0	218.95	222.34	217.68	217.90	213.59	214.37	214.29
G 67.5	169.17	175.74	171.03	171.26	169.33	166.97	162.31
G 70.0	134.64	139.29	138.81	137.56	137.93	138.73	135.34
G 72.5	115.51	114.82	113.56	115.23	114.36	115.44	116.34
G 75.0	94.97	93.37	93.35	95.67	93.21	95.66	97.60
G 77.5	75.68	76.07	75.19	76.47	75.83	76.15	76.24
G 80.0	60.02	60.77	61.18	60.17	61.93	60.94	59.03
G 82.5	45.58	45.23	46.92	45.97	46.95	46.80	45.68
G 85.0	29.02	27.39	27.58	27.40	27.43	27.52	29.37
G 87.5	8.08	8.65	8.13	8.80	7.65	9.06	7.85
G 90.0	0.84	0.85	0.85	0.85	0.85	0.85	0.86

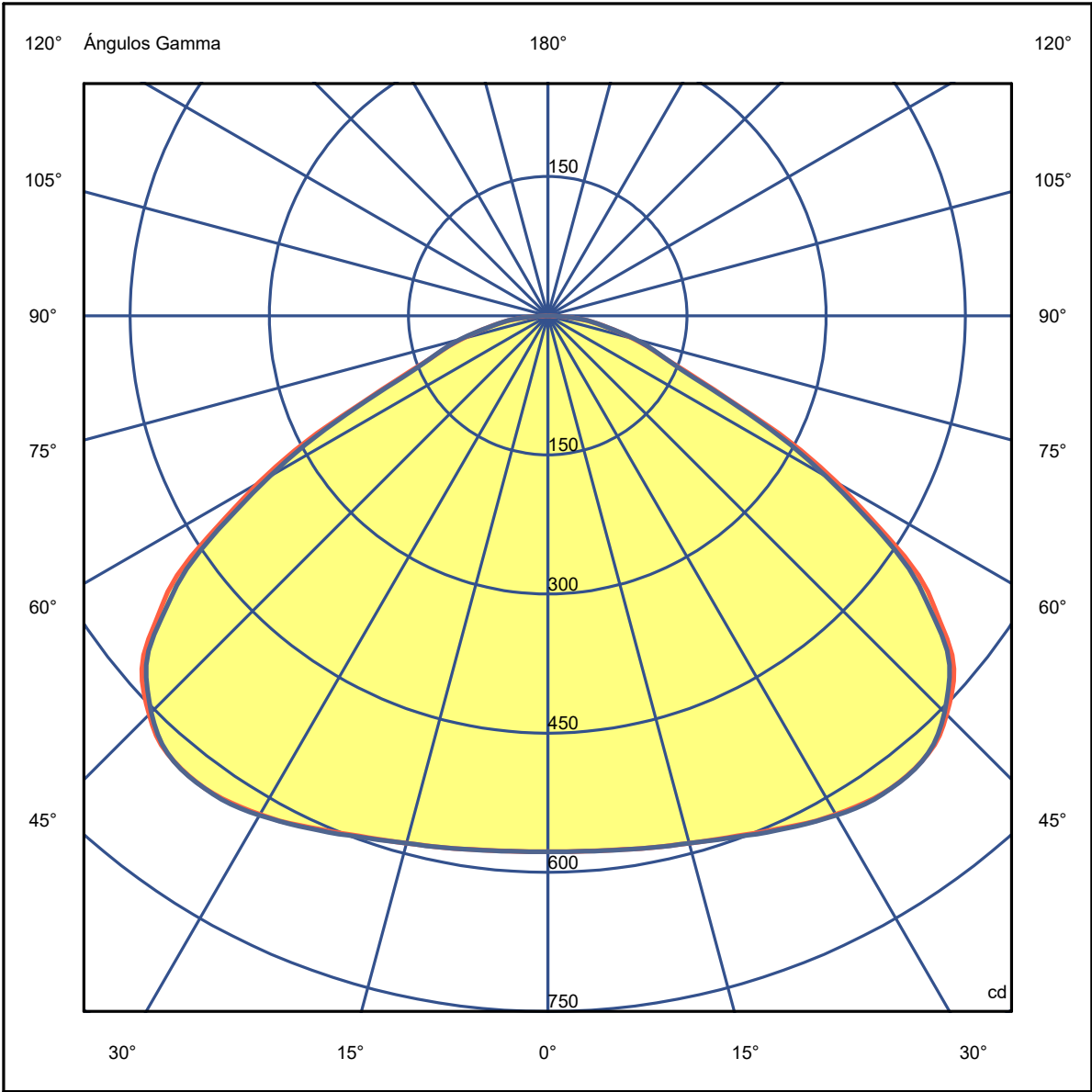
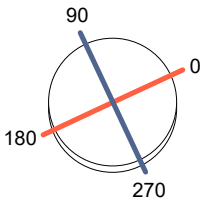
Luminaire
Code A681-553
Name Djembé C 100.38 Sound
Measurem.
Code CL041A21F018G
Name Djembé C 100.38 Sound

Luminaire Flux	2141.44 lm	Luminaire Power	38.30 W	Efficacy	55.91 lm/W	Efficiency	100.00%
Sources Flux	2141.44 lm	Maximum value	629.51 cd	Position	C=90.00 G=37.50	CG	Double Symmetrical

Diam=980mm

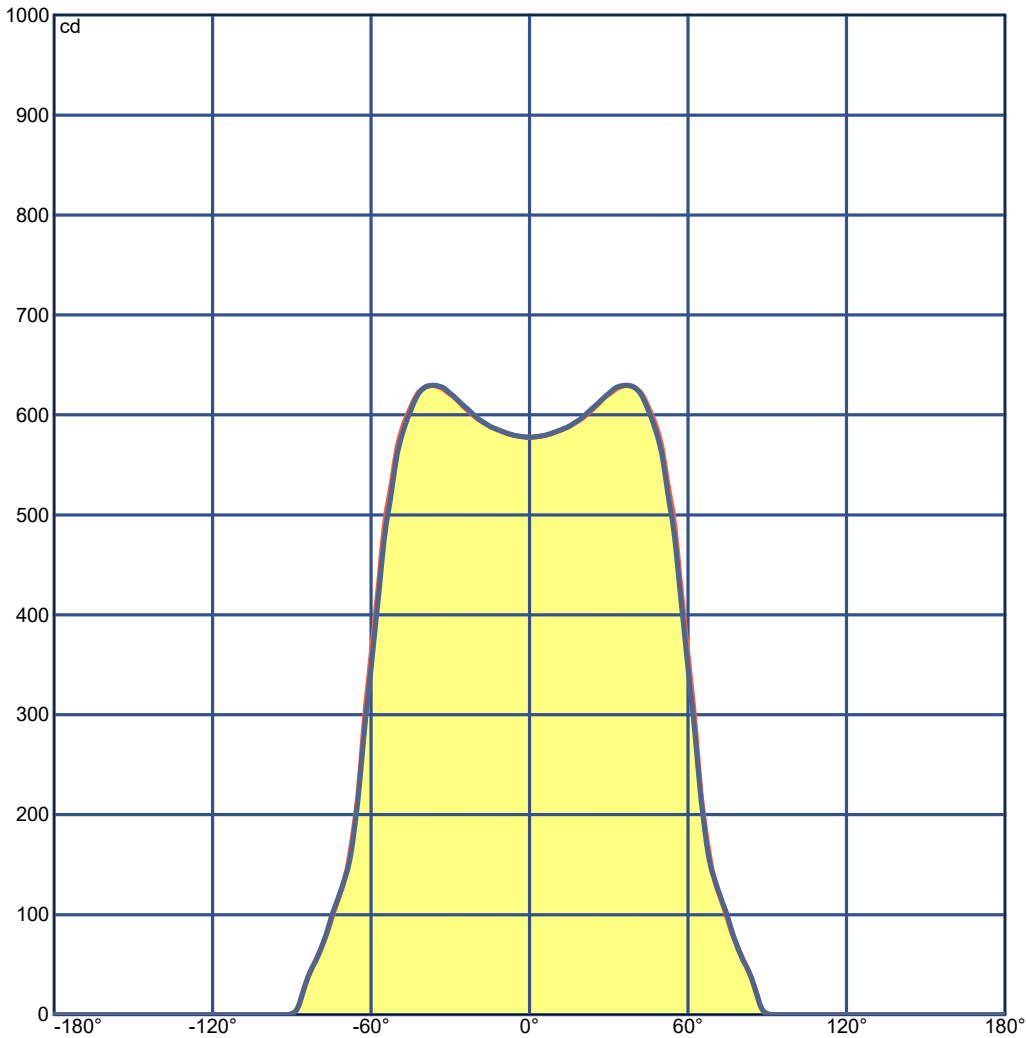
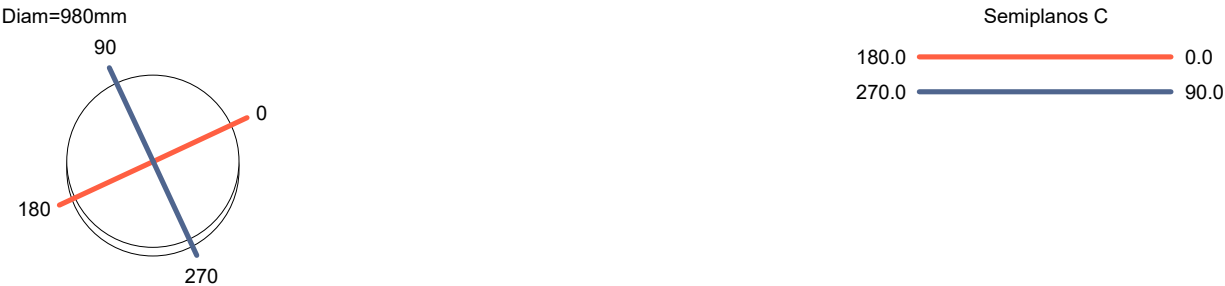
Semiplanos C

180.0 0.0
270.0 90.0



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Luminaire

Code A681-553
Name Djembé C 100.38 Sound

Measurem.

Code CL041A21F018G
Name Djembé C 100.38 Sound

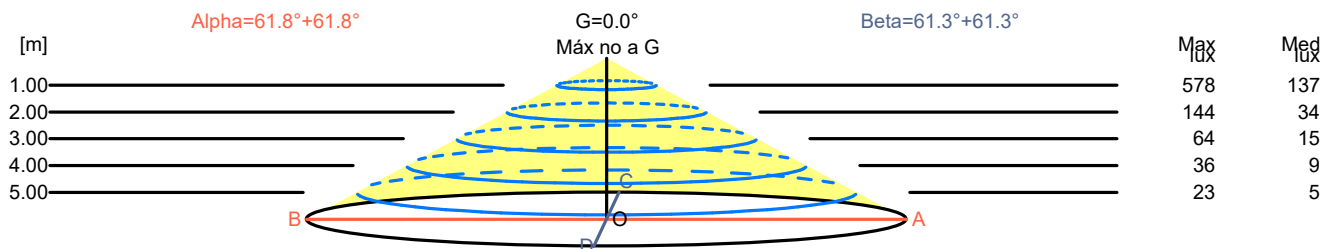
Luminaire Flux	2141.44 lm	Luminaire Power	38.30 W	Efficacy	55.91 lm/W	Efficiency	100.00%
Sources Flux	2141.44 lm	Maximum value	629.51 cd	Position	C=90.00 G=37.50	CG	Double Symmetrical

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	1.86	3.73	5.59	7.46	9.32	OC	1.83	3.65	5.48	7.30	9.13
OB	1.86	3.73	5.59	7.46	9.32	OD	1.83	3.65	5.48	7.30	9.13

Luminous Intensities [cd]

	0	5	15	25	35	45	55	65	75	85
OA	577.77	579.07	588.46	608.22	628.65	607.63	487.97	218.95	94.97	29.02
OB	577.77	579.07	588.46	608.22	628.65	607.63	487.97	218.95	94.97	29.02
OC	577.77	579.12	588.58	609.50	629.35	604.40	475.09	214.29	97.60	29.37
OD	577.77	579.12	588.58	609.50	629.35	604.40	475.09	214.29	97.60	29.37



H[m]	D[m]	Max lux	Med lux	Alpha=61.8°+61.8°	G=0.0 Máx no a G
1.00	3.73	578	137		
2.00	7.46	144	34		
3.00	11.18	64	15		
4.00	14.91	36	9		
5.00	18.64	23	5		

H[m]	D[m]	Max lux	Med lux	Beta=61.3°+61.3°	G=0.0 Máx no a G
1.00	3.65	578	137		
2.00	7.30	144	34		
3.00	10.95	64	15		
4.00	14.60	36	9		
5.00	18.25	23	5		

Luminaire

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Luminaire Flux	2141.44 lm	Luminaire Power	38.30 W	Efficacy	55.91 lm/W	Efficiency	100.00%
Sources Flux	2141.44 lm	Maximum value	629.51 cd	Position	C=90.00 G=37.50	CG	Double Symmetrical

Flujo Total=2141.44 Flujo Luminaria=2141.44

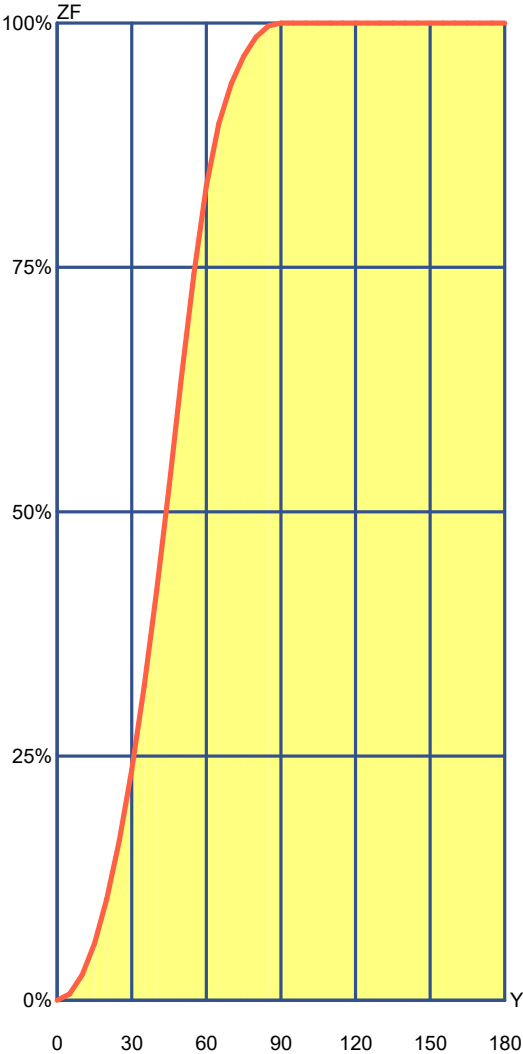
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.27	0.37	0.46	0.54	0.60	0.69	0.75	0.79	0.83	0.86	0.92	0.95
RC	6	5	5	5	5	5	5	5	5	5	5	6

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)	26	104	236	420	637	833	938	986	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.
45 83 97 100 100

C.I.E.	6/5/5/5/5/5/5/5/5/6	LOR	100.00000 %
D DIN 5040	A30	ULOR	0.00000 %
F UTE	1.00 F	DLOR	100.00000 %
B NBN	BZ 5 / 1.25 / BZ 4	UFF	0.00000 %
RN	0.00000 %	DFF	100.00000 %
BLF	1.0	FFR	0.00000 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	6.46	6.46	0.65 %	0.65 %
10°	19.41	25.87	1.94 %	2.59 %
15°	32.46	58.32	3.25 %	5.83 %
20°	45.63	103.95	4.56 %	10.40 %
25°	59.06	163.02	5.91 %	16.30 %
30°	72.74	235.76	7.27 %	23.58 %
35°	85.98	321.74	8.60 %	32.17 %
40°	97.88	419.62	9.79 %	41.96 %
45°	106.85	526.48	10.69 %	52.65 %
50°	110.56	637.03	11.06 %	63.70 %
55°	105.94	742.98	10.59 %	74.30 %
60°	90.15	833.13	9.02 %	83.31 %
65°	64.07	897.20	6.41 %	89.72 %
70°	41.05	938.25	4.10 %	93.82 %
75°	28.19	966.44	2.82 %	96.64 %
80°	19.18	985.62	1.92 %	98.56 %
85°	11.48	997.10	1.15 %	99.71 %
90°	2.90	1000.00	0.29 %	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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Sources Flux	2141.44 lm	Maximum value	629.51 cd	Position	C=90.00 G=37.50	CG Double Symmetrical	

Isolux (Floor)

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

