Luminaire
Code SUB335_05_14_100
Name SUB_GAROTA_S-27_IVORY
Measurem.
Code CL092A19F010G(E5)
Name SUB_GAROTA_S-27_IVORY

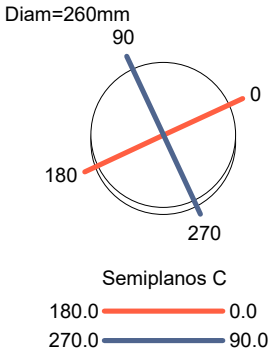
Luminaire Flux	321.31 lm	Luminaire Power	5.88 W	Efficacy	54.66 lm/W	Efficiency	100.00%
Sources Flux	321.31 lm	Maximum value	130.15 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

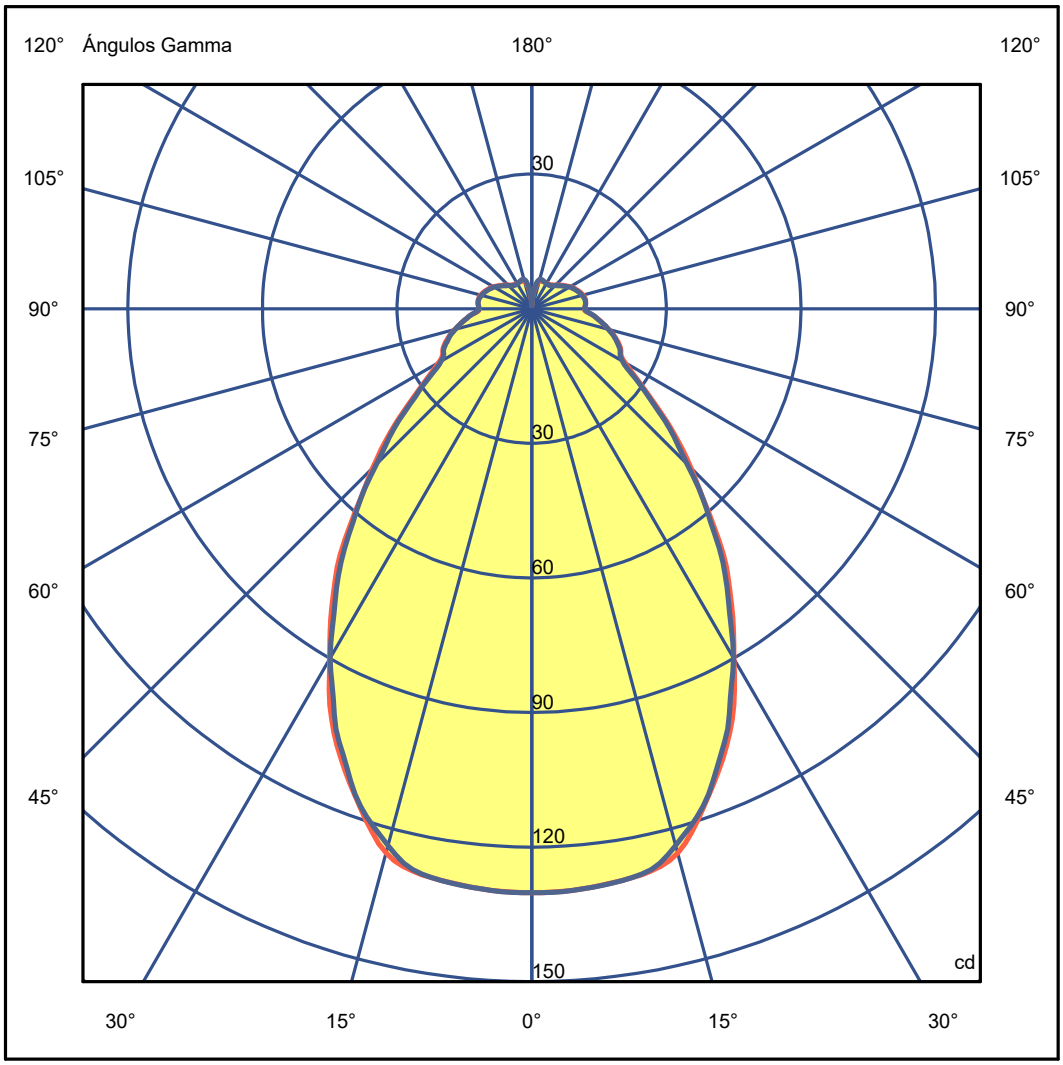
Round Luminaire	Diam. 260 mm	Height	190 mm
Round Luminous Area	Diam. 260 mm	Height	190 mm
Horizontal Luminous Area	0.053093 m2	Emitting area on Plane 180°	0.049400 m2
Emitting area on Plane 0°	0.049400 m2	Emitting area on Plane 270°	0.049400 m2
Emitting area on Plane 90°	0.049400 m2	Glare area at 76°	0.060777 m2
Coordinate system	CG	Symmetry Type	Double Symmetrical
Date	20-06-2022	Maximum Gamma Angle	180
Measurement Distance	6.44	Measurement Flux	321.31 lm
Operator	Asselum T2	Rated Voltage	230.20 V
Temperature	25.10 °C	Rated Current	0.03 A
Humidity	48.00 %	Photocell	Prc
Notes			

Luminaire Sources

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	LED	LED	321.31	5.88	1

C.I.E.	57 79 92 82 100	D DIN 5040	B41
F UTE	0.82 D + 0.18 T	B NBN	BZ 3 / 1 / BZ 4 / 3 / BZ 5





ULOR 18.37 %
DLOR 81.63 %
RN 18.37 %

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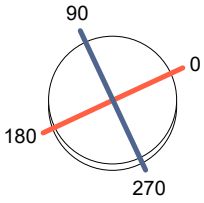
Luminous Intensity Table cd **Table 1/1**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	130.15	130.15	130.15	130.15	130.15	130.15	130.15
G 2.5	130.04	130.07	130.00	130.08	130.03	130.08	130.12
G 5.0	129.79	129.80	129.71	129.78	129.73	129.74	129.77
G 7.5	129.30	129.38	129.25	129.33	129.23	129.32	129.38
G 10.0	128.76	128.76	128.63	128.72	128.57	128.61	128.71
G 12.5	127.87	127.30	127.14	127.12	127.28	127.28	127.39
G 15.0	125.58	124.52	124.48	124.66	124.63	124.40	123.85
G 17.5	120.83	120.69	120.15	120.37	120.26	120.04	119.88
G 20.0	115.34	116.06	115.30	115.23	114.38	114.62	115.18
G 22.5	110.02	109.98	109.83	109.86	109.10	109.10	108.97
G 25.0	104.31	103.15	103.42	103.23	103.42	103.33	103.28
G 27.5	97.68	97.23	97.40	97.19	97.12	96.74	96.08
G 30.0	90.10	90.96	90.11	90.49	89.81	89.96	89.91
G 32.5	83.54	84.24	83.70	83.37	82.62	82.79	82.38
G 35.0	77.01	77.00	76.98	76.46	76.09	76.10	75.84
G 37.5	70.74	69.48	69.70	69.47	69.91	69.41	69.32
G 40.0	63.09	63.17	63.44	63.12	62.91	62.67	61.94
G 42.5	55.85	56.96	56.34	56.44	55.61	55.85	55.84
G 45.0	50.12	50.54	50.40	50.12	49.41	49.20	48.95
G 47.5	44.75	44.26	44.30	43.70	44.00	43.72	43.66
G 50.0	39.46	38.72	39.11	38.69	39.03	38.25	38.66
G 52.5	34.18	34.28	34.06	33.71	33.83	33.39	33.43
G 55.0	29.88	30.22	29.96	29.71	29.02	28.99	29.53
G 57.5	26.59	26.69	26.70	25.94	25.85	25.55	25.66
G 60.0	23.97	23.71	23.89	23.26	23.50	23.15	23.28
G 62.5	22.42	22.22	22.46	21.84	22.17	21.85	22.17
G 65.0	21.86	21.53	21.61	21.18	21.46	21.31	21.70
G 67.5	21.14	20.74	20.86	20.41	20.60	20.53	20.79
G 70.0	20.11	19.82	19.93	19.41	19.67	19.61	19.85
G 72.5	19.00	18.66	18.80	18.46	18.70	18.66	18.89
G 75.0	17.78	17.56	17.63	17.48	17.62	17.65	17.63
G 77.5	16.57	16.52	16.49	16.41	16.41	16.58	16.59
G 80.0	15.48	15.39	15.49	15.32	15.35	15.35	15.41
G 82.5	14.37	14.24	14.43	14.12	14.35	14.26	14.36
G 85.0	13.17	12.97	13.22	13.06	13.23	13.03	13.24
G 87.5	11.96	11.98	12.23	12.00	12.23	11.93	12.19
G 90.0	11.78	11.68	11.90	11.75	11.84	11.70	11.75
G 92.5	11.87	11.79	11.96	11.85	11.94	11.85	11.88
G 95.0	12.04	11.95	12.06	11.97	12.00	11.97	12.02
G 97.5	12.10	12.02	12.13	12.02	12.05	12.02	12.06
G100.0	12.13	12.05	12.08	12.01	12.03	11.99	12.01
G102.5	12.00	11.95	11.95	11.93	11.89	11.87	11.83
G105.0	11.79	11.79	11.81	11.68	11.71	11.69	11.61
G107.5	11.54	11.56	11.55	11.50	11.44	11.46	11.35
G110.0	11.24	11.30	11.19	11.20	11.16	11.15	11.02
G112.5	10.92	10.97	10.88	10.88	10.84	10.83	10.73
G115.0	10.59	10.58	10.56	10.52	10.50	10.44	10.41
G117.5	10.26	10.20	10.22	10.11	10.15	10.09	10.06
G120.0	9.86	9.78	9.82	9.74	9.79	9.74	9.69
G122.5	9.38	9.40	9.35	9.35	9.37	9.30	9.24
G125.0	9.01	8.99	8.94	8.97	8.86	8.87	8.82
G127.5	8.61	8.59	8.57	8.48	8.46	8.44	8.41
G130.0	8.19	8.13	8.17	8.08	8.09	8.08	8.06
G132.5	7.78	7.80	7.74	7.72	7.71	7.68	7.66
G135.0	7.46	7.46	7.39	7.39	7.38	7.30	7.36
G137.5	7.18	7.13	7.11	7.09	7.02	7.04	7.01
G140.0	6.92	6.88	6.87	6.82	6.79	6.82	6.76
G142.5	6.78	6.72	6.66	6.68	6.61	6.65	6.62
G145.0	6.61	6.62	6.52	6.58	6.51	6.53	6.47
G147.5	6.57	6.56	6.48	6.51	6.47	6.49	6.45
G150.0	6.56	6.56	6.52	6.51	6.50	6.49	6.47
G152.5	6.57	6.58	6.53	6.55	6.55	6.54	6.54
G155.0	6.60	6.66	6.59	6.62	6.59	6.58	6.62
G157.5	6.63	6.68	6.63	6.67	6.72	6.70	6.73
G160.0	6.60	6.64	6.63	6.67	6.78	6.82	6.81
G162.5	6.65	6.57	6.55	6.61	6.75	6.92	6.88
G165.0	6.58	6.43	6.41	6.39	6.55	6.84	6.82
G167.5	6.05	5.97	5.79	5.93	6.08	6.37	6.41
G170.0	5.19	5.18	4.98	5.16	5.43	5.50	5.66
G172.5	4.15	4.11	4.12	4.32	4.32	4.53	4.57
G175.0	3.04	2.78	3.05	2.83	3.23	3.23	3.40
G177.5	1.45	1.42	1.50	1.44	1.65	1.59	1.68
G180.0	0.71	0.71	0.71	0.71	0.71	0.71	0.71

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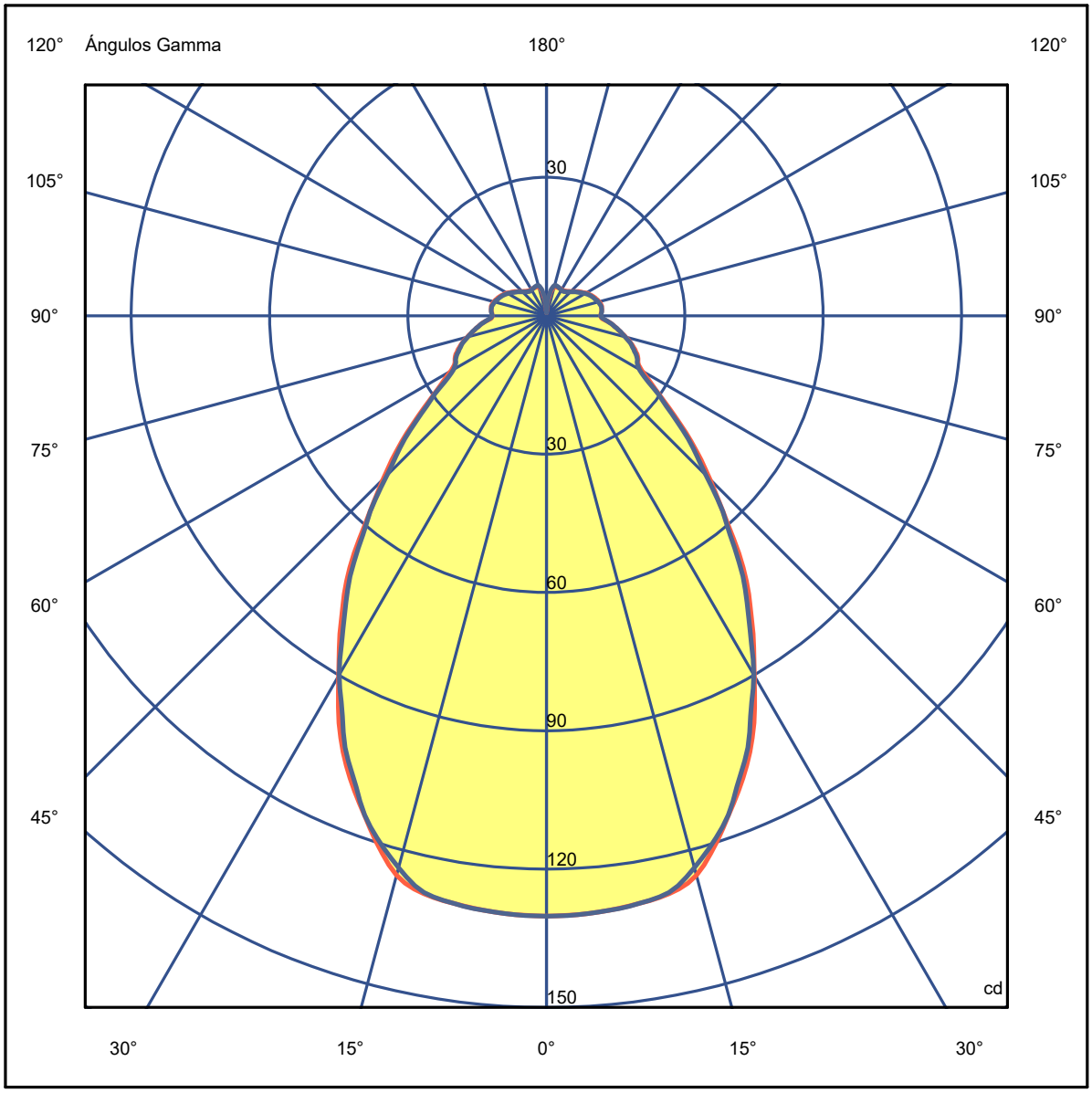
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Diam=260mm



Semiplanos C

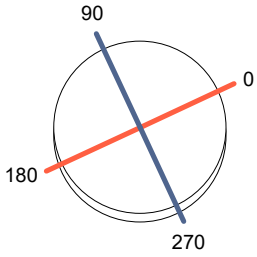




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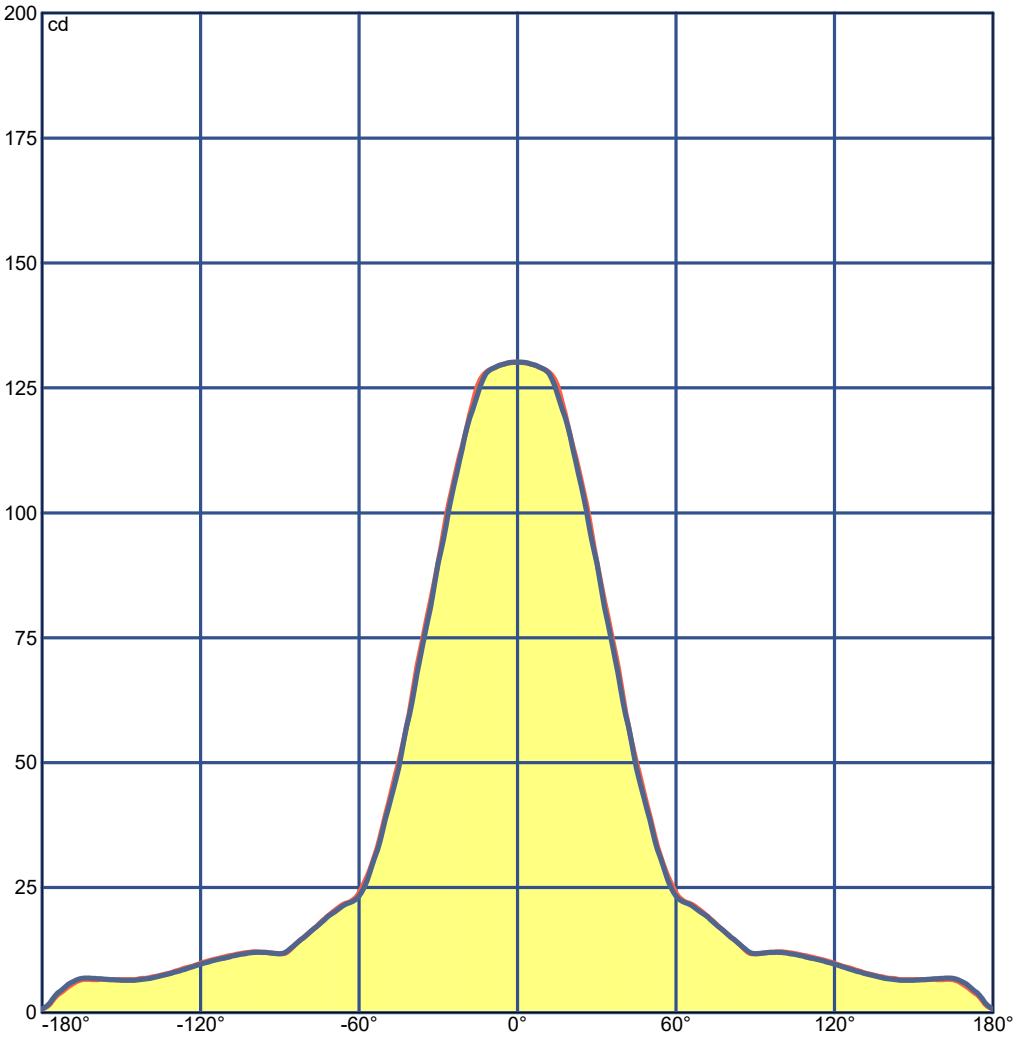
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Semiplanos C





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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
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	7.8	8.8	8.3	9.3	9.9	7.6	8.7	8.2	9.2	9.7
x=2H y=3H	9.0	9.9	9.5	10.4	11.1	8.9	9.8	9.4	10.3	11.0
x=2H y=4H	9.6	10.5	10.2	11.1	11.7	9.5	10.4	10.1	11.0	11.6
x=2H y=6H	10.3	11.1	10.9	11.7	12.4	10.2	11.0	10.8	11.6	12.3
x=2H y=8H	10.6	11.3	11.2	12.0	12.6	10.5	11.3	11.1	11.9	12.6
x=2H y=12H	10.9	11.6	11.5	12.2	12.9	10.8	11.6	11.4	12.2	12.9
x=4H y=2H	8.1	9.0	8.7	9.5	10.2	8.0	8.9	8.6	9.4	10.1
x=4H y=3H	9.6	10.3	10.2	10.9	11.6	9.5	10.2	10.1	10.9	11.6
x=4H y=4H	10.4	11.1	11.1	11.7	12.5	10.4	11.0	11.0	11.7	12.4
x=4H y=6H	11.3	11.9	12.0	12.5	13.3	11.2	11.8	11.9	12.5	13.2
x=4H y=8H	11.7	12.2	12.4	12.9	13.7	11.6	12.2	12.3	12.8	13.6
x=4H y=12H	12.1	12.5	12.8	13.2	14.0	12.0	12.5	12.7	13.2	14.0
x=8H y=4H	10.7	11.3	11.4	12.0	12.7	10.7	11.2	11.4	11.9	12.7
x=8H y=6H	11.8	12.2	12.5	12.9	13.8	11.8	12.2	12.5	12.9	13.7
x=8H y=8H	12.3	12.7	13.1	13.5	14.3	12.3	12.7	13.0	13.4	14.2
x=8H y=12H	12.9	13.2	13.6	13.9	14.8	12.8	13.2	13.6	13.9	14.8
x=12H y=4H	11.3	11.8	12.0	12.5	13.3	11.3	11.8	12.0	12.5	13.3
x=12H y=6H	12.3	12.7	13.0	13.4	14.3	12.3	12.7	13.0	13.4	14.2
x=12H y=8H	12.9	13.2	13.6	13.9	14.8	12.8	13.2	13.6	13.9	14.8

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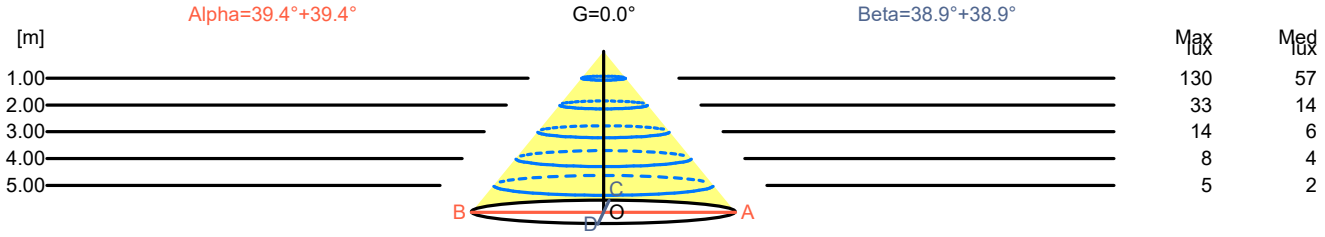
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Width at 50.00 % of Max Intensity

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	0.82	1.64	2.46	3.28	4.10	OC	0.81	1.61	2.42	3.23	4.04
OB	0.82	1.64	2.46	3.28	4.10	OD	0.81	1.61	2.42	3.23	4.04

Luminous Intensities [cd]

	0	5	15	25	35	45	55	65	75	85
OA	130.15	129.79	125.58	104.31	77.01	50.12	29.88	21.86	17.78	13.17
OB	130.15	129.79	125.58	104.31	77.01	50.12	29.88	21.86	17.78	13.17
OC	130.15	129.77	123.85	103.28	75.84	48.95	29.53	21.70	17.63	13.24
OD	130.15	129.77	123.85	103.28	75.84	48.95	29.53	21.70	17.63	13.24



H[m]	D[m]	Max lux	Med lux	Alpha=39.4°+39.4° G=0.0
1.00	1.64	130	57	
2.00	3.28	33	14	
3.00	4.92	14	6	
4.00	6.56	8	4	
5.00	8.21	5	2	

H[m]	D[m]	Max lux	Med lux	Beta=38.9°+38.9° G=0.0
1.00	1.61	130	57	
2.00	3.23	33	14	
3.00	4.84	14	6	
4.00	6.46	8	4	
5.00	8.07	5	2	

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Flujo Total=321.31 Flujo Luminaria=321.31

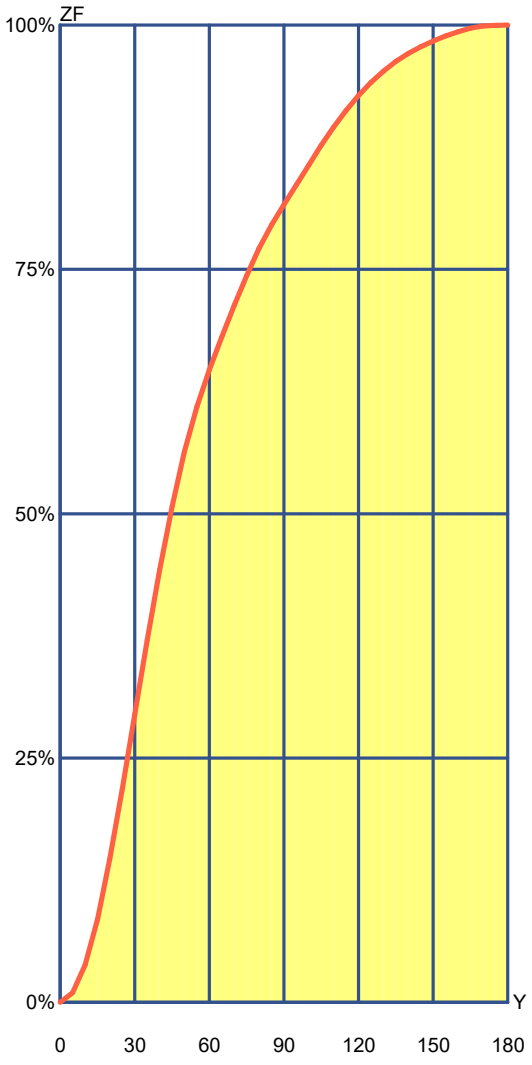
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.39	0.46	0.52	0.58	0.63	0.70	0.75	0.78	0.83	0.85	0.92	0.95
RC	4	4	4	4	4	4	4	5	5	5	6	6

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)	38	147	294	443	563	647	713	771	816	857	895	928	953	971	984	993	999	1000

Códigos de Flujo C.I.E.
57 79 92 82 100

C.I.E.	4/4/4/4/4/4/4/5/5/5/6/6	LOR	100.00000 %
D DIN 5040	B41	ULOR	18.36698 %
F UTE	0.82 D + 0.18 T	DLOR	81.63302 %
B NBN	BZ 3 / 1 / BZ 4 / 3 / BZ 5	UFF	18.36698 %
RN	18.36698 %	DFF	81.63302 %
BLF	1.0	FFR	22.49944 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	9.67	9.67	0.97 %	0.97 %
10°	28.77	38.44	2.88 %	3.84 %
15°	46.84	85.28	4.68 %	8.53 %
20°	61.52	146.80	6.15 %	14.68 %
25°	71.33	218.13	7.13 %	21.81 %
30°	76.26	294.39	7.63 %	29.44 %
35°	76.27	370.66	7.63 %	37.07 %
40°	72.29	442.94	7.23 %	44.29 %
45°	64.79	507.74	6.48 %	50.77 %
50°	55.51	563.24	5.55 %	56.32 %
55°	46.00	609.24	4.60 %	60.92 %
60°	37.88	647.12	3.79 %	64.71 %
65°	33.77	680.89	3.38 %	68.09 %
70°	32.53	713.42	3.25 %	71.34 %
75°	30.40	743.82	3.04 %	74.38 %
80°	27.47	771.29	2.75 %	77.13 %
85°	24.14	795.44	2.41 %	79.54 %
90°	20.90	816.33	2.09 %	81.63 %
95°	20.25	836.58	2.03 %	83.66 %
100°	20.36	856.94	2.04 %	85.69 %
105°	19.82	876.76	1.98 %	87.68 %
110°	18.67	895.43	1.87 %	89.54 %
115°	17.12	912.55	1.71 %	91.25 %
120°	15.36	927.91	1.54 %	92.79 %
125°	13.45	941.37	1.35 %	94.14 %
130°	11.53	952.89	1.15 %	95.29 %
135°	9.74	962.63	0.97 %	96.26 %
140°	8.18	970.81	0.82 %	97.08 %
145°	6.94	977.75	0.69 %	97.78 %
150°	5.97	983.73	0.60 %	98.37 %
155°	5.16	988.89	0.52 %	98.89 %
160°	4.35	993.25	0.44 %	99.32 %
165°	3.42	996.67	0.34 %	99.67 %
170°	2.22	998.89	0.22 %	99.89 %
175°	0.96	999.85	0.10 %	99.99 %
180°	0.15	1000.00	0.01 %	100.00 %

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Isolux (Floor)

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

