Luminaire
Code 3101132403
Name ATTICUS P/114 OUT BROWN
Measurem.
Code CL092A22F024GE3
Name ATTICUS P/114 OUT BROWN

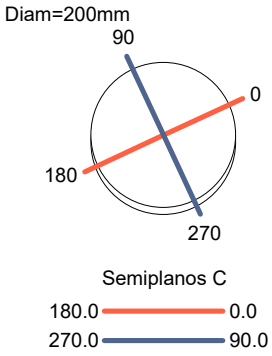
Luminaire Flux	183.59 lm	Luminaire Power	8.44 W	Efficacy	21.75 lm/W	Efficiency	94.19%
Sources Flux	194.90 lm	Maximum value	104.94 cd	Position	C=90.00 G=22.50	CG	Double Symmetrical

Round Luminaire	Diam. 200 mm	Height	170 mm
Round Luminous Area	Diam. 200 mm	Height	170 mm
Horizontal Luminous Area	0.031416 m2	Emitting area on Plane 180°	0.034000 m2
Emitting area on Plane 0°	0.034000 m2	Emitting area on Plane 270°	0.034000 m2
Emitting area on Plane 90°	0.034000 m2	Glare area at 76°	0.040590 m2
Coordinate system	CG	Symmetry Type	Double Symmetrical
Date	13-10-2022	Maximum Gamma Angle	180
Measurement Distance	6.44	Measurement Flux	194.90 lm
Operator	Asselum T2	Rated Voltage	12.07 V
Temperature	24.40 °C	Rated Current	0.70 A
Humidity	49.20 %	Photocell	Czibula Grundmann
Notes			

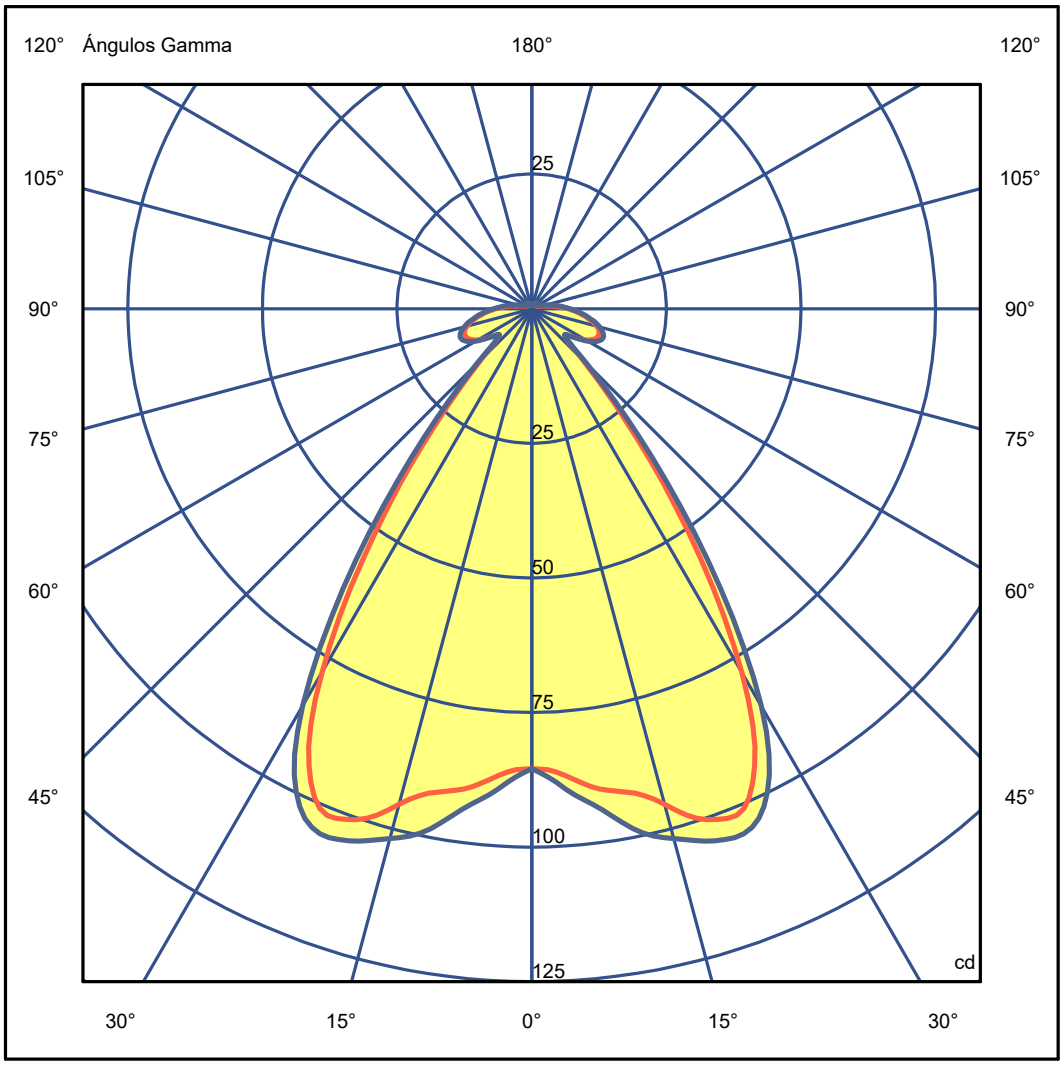
Luminaire Sources

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	S1W0-2835279003-0000000[illegible]003	[illegible]	194.90	8.44	1

C.I.E.	69 79 91 93 94	D DIN 5040	A51
F UTE	0.88 C + 0.07 T	B NBN	BZ 2 / 1 / BZ 3 / 2.5 / BZ 4



ULOR 6.67 %
DLOR 87.53 %
RN 7.08 %



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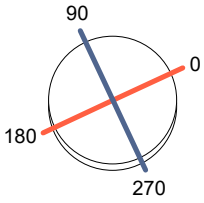
Luminous Intensity Table cd **Table 1/1**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	85.42	85.42	85.42	85.42	85.42	85.42	85.42
G 2.5	85.87	84.90	84.46	85.81	86.77	86.59	87.55
G 5.0	87.65	85.38	84.74	88.19	91.16	88.91	90.58
G 7.5	89.71	86.60	86.91	92.12	94.95	91.96	93.28
G 10.0	91.00	88.31	89.09	93.74	96.99	95.37	96.92
G 12.5	92.35	91.11	92.96	97.16	99.42	98.08	100.06
G 15.0	95.27	94.78	96.06	99.89	102.24	100.01	101.86
G 17.5	99.02	97.64	98.14	101.71	103.72	101.95	103.61
G 20.0	100.91	98.86	99.10	102.80	104.54	103.16	104.91
G 22.5	101.25	98.76	98.04	102.27	103.54	103.74	104.94
G 25.0	97.11	95.74	94.16	98.74	99.46	100.83	101.99
G 27.5	89.39	89.04	87.87	92.07	93.25	95.14	95.54
G 30.0	77.95	78.53	78.75	82.09	83.51	84.42	85.21
G 32.5	64.54	65.46	67.25	69.67	71.44	70.51	71.38
G 35.0	50.75	51.70	54.21	55.47	57.33	55.90	57.03
G 37.5	38.17	38.82	41.48	42.22	44.16	42.03	43.07
G 40.0	27.20	27.92	30.28	30.40	32.07	30.12	31.11
G 42.5	19.11	19.41	21.24	21.18	22.54	20.50	21.41
G 45.0	13.22	13.41	15.03	14.58	15.70	13.69	14.54
G 47.5	9.58	9.71	10.99	10.50	11.33	9.44	10.16
G 50.0	8.19	8.06	8.88	8.50	9.05	7.53	8.06
G 52.5	8.33	7.99	8.31	8.12	8.49	7.65	7.81
G 55.0	9.16	8.78	8.81	8.85	9.09	8.76	8.88
G 57.5	10.29	9.92	9.81	10.07	10.27	10.35	10.45
G 60.0	11.52	11.06	10.93	11.33	11.60	11.84	11.97
G 62.5	12.47	11.95	11.77	12.36	12.71	13.04	13.12
G 65.0	13.04	12.57	12.35	12.98	13.45	13.80	13.93
G 67.5	13.33	12.87	12.63	13.27	13.80	14.16	14.26
G 70.0	13.30	12.85	12.60	13.19	13.75	14.05	14.19
G 72.5	13.04	12.59	12.29	12.83	13.38	13.63	13.72
G 75.0	12.51	12.05	11.79	12.25	12.73	12.87	13.01
G 77.5	11.71	11.35	11.19	11.55	11.97	12.02	12.21
G 80.0	10.76	10.51	10.44	10.74	11.03	11.03	11.19
G 82.5	9.75	9.54	9.55	9.79	10.06	10.05	10.25
G 85.0	8.78	8.59	8.62	8.86	9.03	8.96	9.20
G 87.5	7.77	7.59	7.59	7.79	8.02	7.96	8.19
G 90.0	6.75	6.55	6.55	6.80	7.00	6.93	7.15
G 92.5	5.69	5.58	5.62	5.83	6.06	5.98	6.19
G 95.0	4.79	4.63	4.69	4.95	5.16	5.13	5.38
G 97.5	3.96	3.84	3.88	4.13	4.32	4.36	4.63
G100.0	3.21	3.09	3.21	3.40	3.60	3.63	3.85
G102.5	2.58	2.51	2.62	2.81	3.00	3.04	3.22
G105.0	2.11	2.04	2.14	2.33	2.52	2.52	2.70
G107.5	1.74	1.70	1.76	1.91	2.09	2.13	2.29
G110.0	1.49	1.44	1.48	1.60	1.76	1.78	1.92
G112.5	1.30	1.28	1.33	1.38	1.52	1.53	1.64
G115.0	1.17	1.17	1.23	1.28	1.38	1.34	1.43
G117.5	1.09	1.12	1.21	1.27	1.31	1.24	1.31
G120.0	1.08	1.10	1.17	1.24	1.29	1.20	1.23
G122.5	1.09	1.09	1.16	1.25	1.30	1.22	1.23
G125.0	1.11	1.10	1.17	1.27	1.34	1.29	1.24
G127.5	1.15	1.12	1.17	1.29	1.38	1.36	1.32
G130.0	1.15	1.15	1.19	1.33	1.44	1.42	1.41
G132.5	1.19	1.17	1.21	1.36	1.46	1.46	1.45
G135.0	1.20	1.20	1.24	1.37	1.48	1.48	1.48
G137.5	1.21	1.21	1.24	1.36	1.46	1.47	1.46
G140.0	1.19	1.17	1.21	1.31	1.40	1.42	1.45
G142.5	1.19	1.16	1.17	1.29	1.36	1.37	1.40
G145.0	1.17	1.14	1.14	1.21	1.31	1.29	1.30
G147.5	1.13	1.09	1.08	1.17	1.23	1.19	1.24
G150.0	1.10	1.05	1.03	1.09	1.14	1.10	1.11
G152.5	1.03	0.98	0.98	1.03	1.06	1.03	1.04
G155.0	0.98	0.94	0.93	0.97	1.02	0.99	1.01
G157.5	0.91	0.87	0.87	0.92	0.96	0.95	0.98
G160.0	0.87	0.84	0.85	0.89	0.92	0.91	0.94
G162.5	0.86	0.82	0.81	0.86	0.89	0.88	0.90
G165.0	0.82	0.79	0.78	0.83	0.85	0.84	0.86
G167.5	0.79	0.75	0.75	0.80	0.82	0.81	0.82
G170.0	0.76	0.73	0.73	0.77	0.79	0.78	0.78
G172.5	0.73	0.70	0.70	0.73	0.75	0.75	0.77
G175.0	0.70	0.66	0.66	0.69	0.71	0.68	0.71
G177.5	0.67	0.64	0.64	0.67	0.69	0.68	0.69
G180.0	0.66	0.66	0.66	0.66	0.66	0.66	0.66

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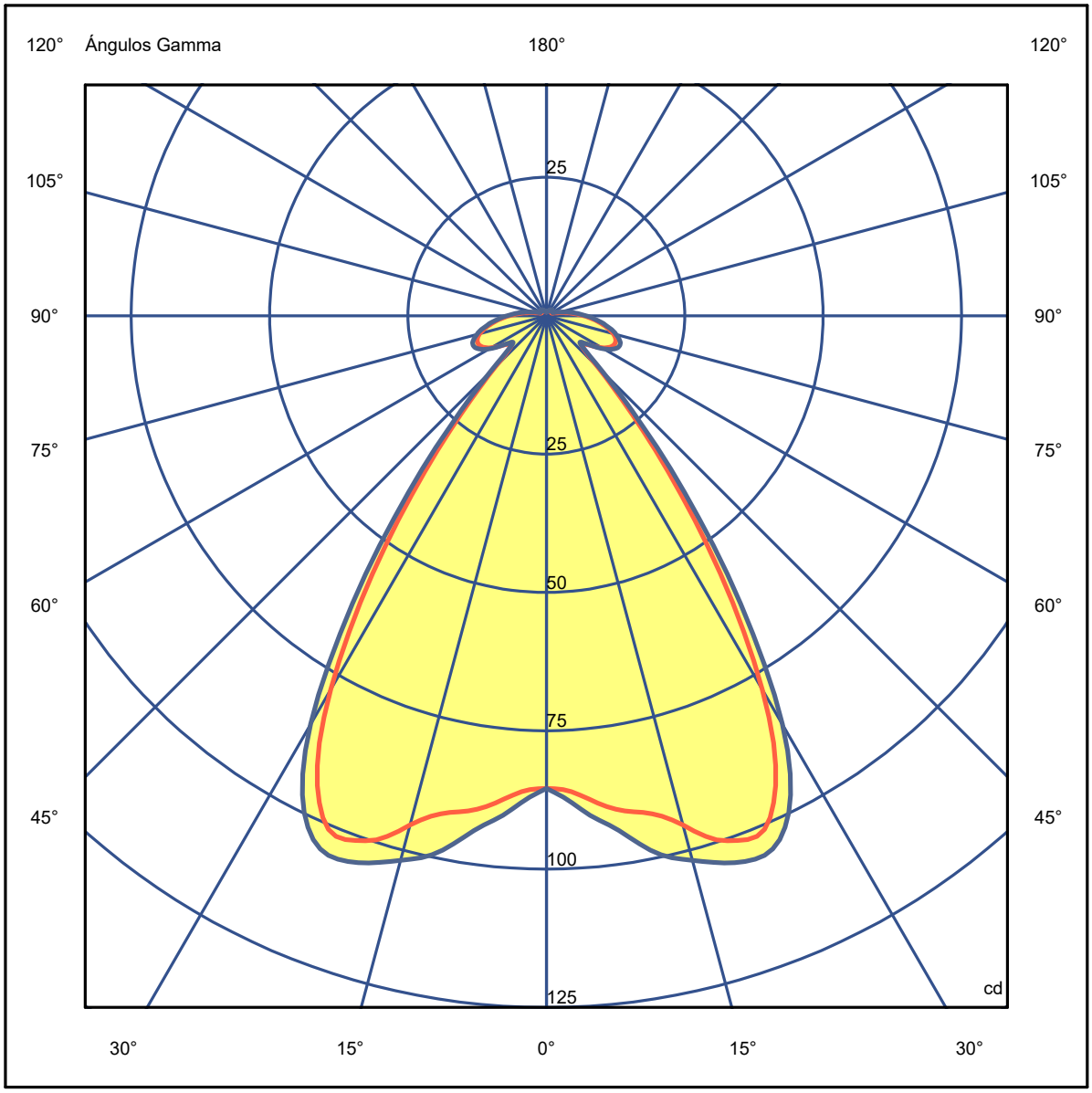
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Diam=200mm



Semiplanos C

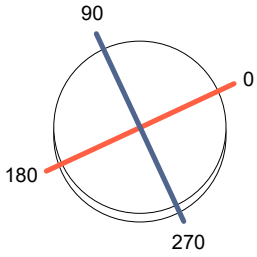
180.0 0.0
270.0 90.0



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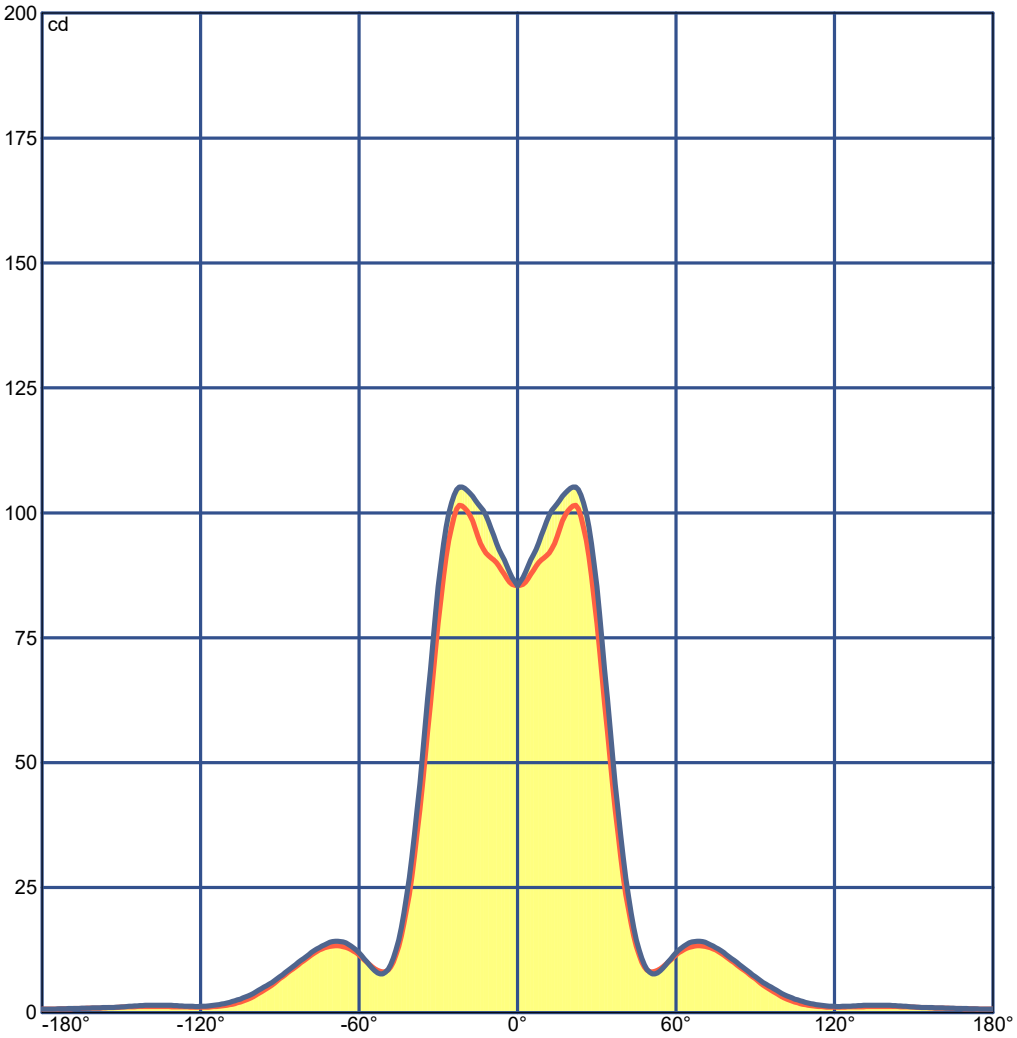
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Diam=200mm



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	5.7	6.7	6.1	7.1	7.4	6.1	7.1	6.5	7.5	7.8
x=2H y=3H	8.0	9.0	8.4	9.3	9.7	8.5	9.4	8.9	9.8	10.2
x=2H y=4H	9.2	10.1	9.6	10.5	10.9	9.7	10.6	10.1	11.0	11.4
x=2H y=6H	10.2	11.1	10.7	11.5	11.9	10.7	11.5	11.1	11.9	12.4
x=2H y=8H	10.7	11.5	11.1	11.9	12.4	11.1	11.9	11.6	12.3	12.8
x=2H y=12H	11.1	11.8	11.5	12.3	12.7	11.5	12.2	11.9	12.7	13.1
x=4H y=2H	6.5	7.3	6.9	7.7	8.2	6.8	7.7	7.2	8.1	8.5
x=4H y=3H	9.0	9.8	9.5	10.2	10.7	9.5	10.2	10.0	10.7	11.1
x=4H y=4H	10.3	11.0	10.8	11.5	12.0	10.8	11.5	11.3	12.0	12.5
x=4H y=6H	11.5	12.2	12.1	12.6	13.2	12.0	12.6	12.5	13.1	13.6
x=4H y=8H	12.1	12.6	12.6	13.1	13.7	12.5	13.0	13.0	13.5	14.1
x=4H y=12H	12.5	13.0	13.1	13.6	14.1	12.9	13.4	13.5	14.0	14.5
x=8H y=4H	10.9	11.4	11.4	12.0	12.5	11.3	11.8	11.8	12.4	12.9
x=8H y=6H	12.3	12.7	12.8	13.3	13.9	12.6	13.1	13.2	13.6	14.3
x=8H y=8H	12.9	13.3	13.5	13.9	14.5	13.3	13.7	13.9	14.3	14.9
x=8H y=12H	13.5	13.8	14.1	14.4	15.1	13.9	14.2	14.5	14.8	15.4
x=12H y=4H	11.8	12.3	12.3	12.8	13.4	12.0	12.5	12.5	13.0	13.6
x=12H y=6H	13.0	13.4	13.6	13.9	14.6	13.2	13.6	13.8	14.2	14.8
x=12H y=8H	13.6	13.9	14.2	14.5	15.1	13.8	14.2	14.4	14.8	15.4

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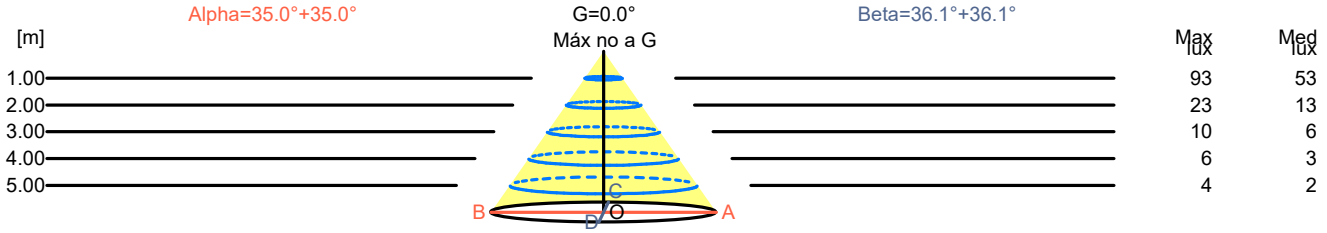
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Width at 50.00 % of Max Intensity

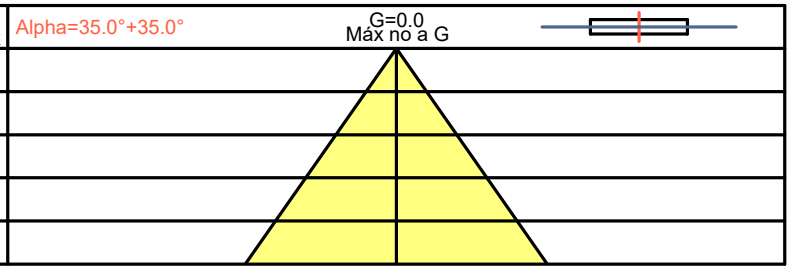
H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	0.70	1.40	2.10	2.80	3.50	OC	0.73	1.46	2.19	2.92	3.65
OB	0.70	1.40	2.10	2.80	3.50	OD	0.73	1.46	2.19	2.92	3.65

Luminous Intensities [cd]

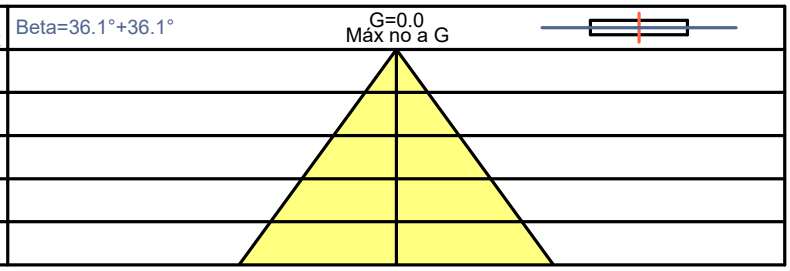
	0	5	15	25	35	45	55	65	75	85
OA	85.42	87.65	95.27	97.11	50.75	13.22	9.16	13.04	12.51	8.78
OB	85.42	87.65	95.27	97.11	50.75	13.22	9.16	13.04	12.51	8.78
OC	85.42	90.58	101.86	101.99	57.03	14.54	8.88	13.93	13.01	9.20
OD	85.42	90.58	101.86	101.99	57.03	14.54	8.88	13.93	13.01	9.20



H[m]	D[m]	Max lux	Med lux
1.00	1.40	93	53
2.00	2.80	23	13
3.00	4.20	10	6
4.00	5.60	6	3
5.00	7.00	4	2



H[m]	D[m]	Max lux	Med lux
1.00	1.46	93	53
2.00	2.92	23	13
3.00	4.38	10	6
4.00	5.83	6	3
5.00	7.29	4	2



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Flujo Total=194.90 Flujo Luminaria=183.59

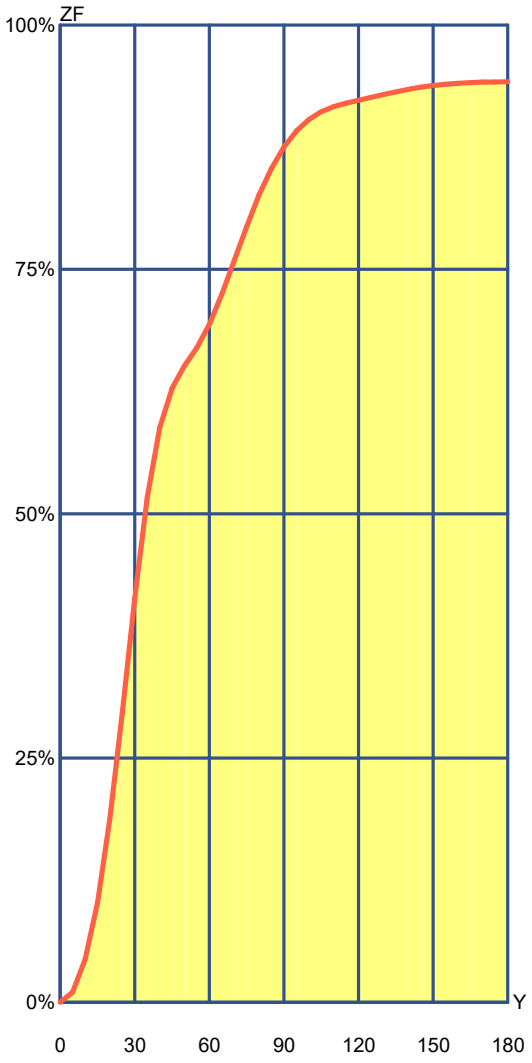
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.50	0.55	0.60	0.64	0.68	0.74	0.78	0.82	0.86	0.88	0.94	0.97
RC	2	2	2	3	3	3	3	4	4	4	3	2

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)	44	187	413	588	651	694	759	826	875	903	916	923	929	934	938	940	942	942

Códigos de Flujo C.I.E.
69 79 91 93 94

C.I.E.	2/2/2/3/3/3/3/4/4/4/3/2	LOR	94.19462 %
D DIN 5040	A51	ULOR	6.66612 %
F UTE	0.88 C + 0.07 T	DLOR	87.52849 %
B NBN	BZ 2 / 1 / BZ 3 / 2.5 / BZ 4	UFF	7.07697 %
RN	7.07697 %	DFF	92.92303 %
BLF	1.0	FFR	7.61595 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	10.62	10.62	1.13 %	1.13 %
10°	33.31	43.94	3.54 %	4.66 %
15°	58.39	102.33	6.20 %	10.86 %
20°	85.04	187.36	9.03 %	19.89 %
25°	108.41	295.78	11.51 %	31.40 %
30°	117.57	413.35	12.48 %	43.88 %
35°	103.04	516.39	10.94 %	54.82 %
40°	71.54	587.93	7.60 %	62.42 %
45°	40.71	628.64	4.32 %	66.74 %
50°	22.41	651.05	2.38 %	69.12 %
55°	18.66	669.71	1.98 %	71.10 %
60°	24.07	693.79	2.56 %	73.65 %
65°	30.82	724.61	3.27 %	76.93 %
70°	34.63	759.24	3.68 %	80.60 %
75°	34.74	793.98	3.69 %	84.29 %
80°	31.95	825.93	3.39 %	87.68 %
85°	27.39	853.31	2.91 %	90.59 %
90°	21.97	875.28	2.33 %	92.92 %
95°	16.44	891.73	1.75 %	94.67 %
100°	11.59	903.32	1.23 %	95.90 %
105°	7.81	911.13	0.83 %	96.73 %
110°	5.25	916.37	0.56 %	97.29 %
115°	3.74	920.11	0.40 %	97.68 %
120°	3.07	923.18	0.33 %	98.01 %
125°	2.85	926.04	0.30 %	98.31 %
130°	2.81	928.85	0.30 %	98.61 %
135°	2.75	931.60	0.29 %	98.90 %
140°	2.54	934.14	0.27 %	99.17 %
145°	2.17	936.32	0.23 %	99.40 %
150°	1.75	938.06	0.19 %	99.59 %
155°	1.33	939.39	0.14 %	99.73 %
160°	1.00	940.39	0.11 %	99.83 %
165°	0.72	941.11	0.08 %	99.91 %
170°	0.48	941.60	0.05 %	99.96 %
175°	0.27	941.86	0.03 %	99.99 %
180°	0.08	941.95	0.01 %	100.00 %

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Code CL092A22F024GE3
Name ATTICUS P/114 OUT BROWN

Luminaire Flux	183.59 lm	Luminaire Power	8.44 W	Efficacy	21.75 lm/W	Efficiency	94.19%
Sources Flux	194.90 lm	Maximum value	104.94 cd	Position	C=90.00 G=22.50	CG	Double Symmetrical

Isolux (Floor)

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

