Luminaire
Code 3101132403
Name ATTICUS P/114/R OUTDOOR_BROWN
Measurem.
Code CL092A22F018GE1
Name ATTICUS P/114/R OUTDOOR_BROWN

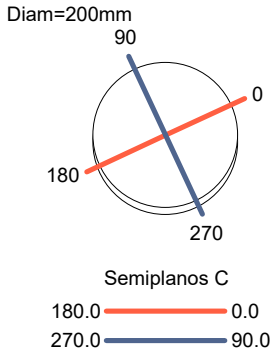
Luminaire Flux	144.91 lm	Luminaire Power	0.00 W	Efficacy	---	Efficiency	100.00%
Sources Flux	144.91 lm	Maximum value	68.99 cd	Position	C=0.00 G=20.00	CG	Double Symmetrical

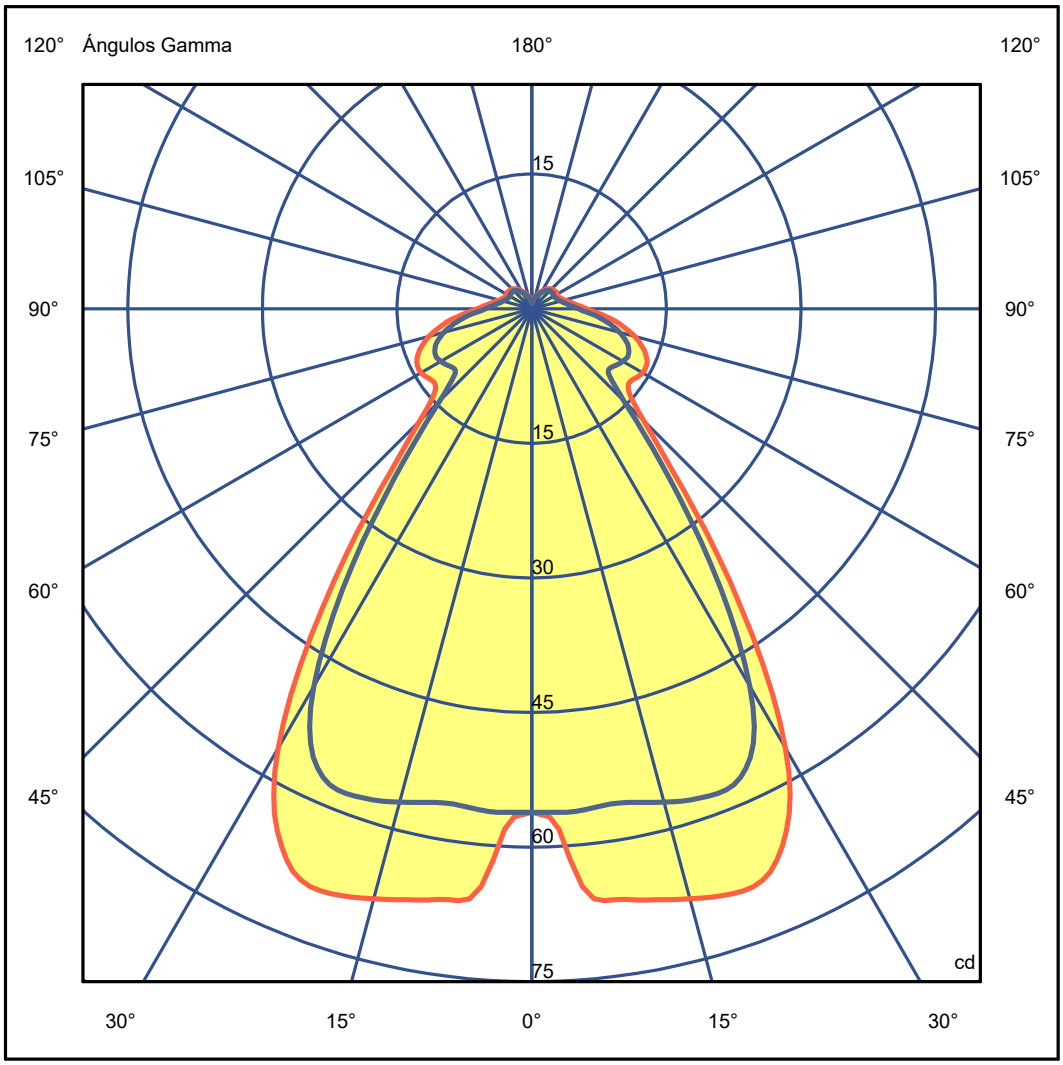
Round Luminaire	Diam. 200 mm	Height	180 mm
Round Luminous Area	Diam. 200 mm	Height	180 mm
Horizontal Luminous Area	0.031416 m2	Emitting area on Plane 180°	0.036000 m2
Emitting area on Plane 0°	0.036000 m2	Emitting area on Plane 270°	0.036000 m2
Emitting area on Plane 90°	0.036000 m2	Glare area at 76°	0.042531 m2
Coordinate system	CG	Symmetry Type	Double Symmetrical
Date	12-09-2022	Maximum Gamma Angle	180
Measurement Distance	6.44	Measurement Flux	144.91 lm
Operator	ASSELUM	Rated Voltage	
Temperature	25.30 °C	Rated Current	
Humidity	65.50 %	Photocell	Czibula Grundmann
Notes	RM22071402.2.1		

Luminaire Sources

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	LM281B+ Pro	SPMWH122[illegible]AWUVK	144.91	0.00	1

C.I.E.	59 75 90 87 100	D DIN 5040	B41
F UTE	0.87 D + 0.13 T	B NBN	BZ 3 / 1 / BZ 4 / 2.5 / BZ 5





ULOR 13.30 %
DLOR 86.70 %
RN 13.30 %

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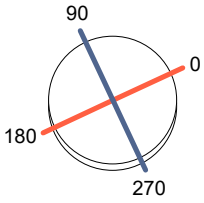
Luminous Intensity Table cd **Table 1/1**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	56.11	56.11	56.11	56.11	56.11	56.11	56.11
G 2.5	56.78	55.91	55.95	56.27	56.24	56.21	56.18
G 5.0	64.64	61.88	58.62	56.18	55.97	56.07	56.22
G 7.5	66.44	63.38	59.44	56.33	55.61	55.78	55.97
G 10.0	66.89	63.83	59.89	56.72	55.82	55.82	55.92
G 12.5	67.45	64.31	60.29	57.07	56.17	56.20	56.33
G 15.0	68.08	64.91	60.83	57.58	56.71	56.77	56.92
G 17.5	68.66	65.48	61.39	58.12	57.23	57.29	57.44
G 20.0	68.99	65.83	61.73	58.46	57.27	57.44	57.77
G 22.5	68.44	65.47	61.52	58.33	57.66	57.64	57.74
G 25.0	66.06	63.57	60.01	57.07	56.34	56.34	56.48
G 27.5	62.26	60.10	56.74	53.94	53.00	53.26	53.60
G 30.0	56.53	54.48	51.07	48.28	47.69	48.34	48.62
G 32.5	49.02	47.13	43.85	41.21	40.80	41.62	41.94
G 35.0	40.70	39.14	36.31	34.04	33.64	34.33	34.85
G 37.5	33.02	31.67	29.26	27.32	27.08	27.75	27.99
G 40.0	26.18	25.12	23.28	21.81	21.62	22.13	22.29
G 42.5	21.14	20.20	18.65	17.42	17.26	17.66	17.80
G 45.0	17.64	16.77	15.41	14.32	14.05	14.28	14.48
G 47.5	15.30	14.46	13.24	12.29	12.04	12.21	12.37
G 50.0	14.04	13.22	12.16	11.31	11.11	11.11	11.14
G 52.5	13.64	12.84	11.86	11.10	10.87	10.87	10.92
G 55.0	13.75	12.95	12.01	11.28	11.12	11.10	11.14
G 57.5	14.04	13.23	12.28	11.56	11.41	11.41	11.46
G 60.0	14.26	13.46	12.50	11.77	11.64	11.66	11.71
G 62.5	14.28	13.43	12.54	11.86	11.76	11.83	11.90
G 65.0	14.15	13.33	12.47	11.82	11.71	11.81	11.90
G 67.5	13.80	13.13	12.29	11.65	11.55	11.61	11.68
G 70.0	13.28	12.68	11.91	11.32	11.25	11.29	11.34
G 72.5	12.62	12.08	11.37	10.82	10.74	10.75	10.78
G 75.0	11.86	11.37	10.72	10.21	10.13	10.13	10.16
G 77.5	10.96	10.53	9.95	9.48	9.37	9.36	9.37
G 80.0	10.01	9.63	9.10	8.67	8.54	8.50	8.51
G 82.5	9.02	8.69	8.23	7.83	7.71	7.66	7.65
G 85.0	7.90	7.62	7.23	6.90	6.82	6.80	6.77
G 87.5	6.97	6.74	6.40	6.08	5.96	5.88	5.80
G 90.0	6.11	5.91	5.62	5.37	5.27	5.21	5.19
G 92.5	5.56	5.36	5.09	4.84	4.75	4.71	4.69
G 95.0	5.05	4.88	4.64	4.44	4.35	4.31	4.29
G 97.5	4.66	4.50	4.28	4.09	4.03	3.99	3.98
G100.0	4.33	4.17	3.96	3.78	3.73	3.71	3.71
G102.5	4.03	3.89	3.71	3.55	3.49	3.47	3.48
G105.0	3.77	3.64	3.46	3.33	3.31	3.32	3.33
G107.5	3.58	3.45	3.29	3.17	3.15	3.16	3.18
G110.0	3.42	3.30	3.15	3.04	3.03	3.04	3.05
G112.5	3.33	3.19	3.03	2.91	2.91	2.94	2.96
G115.0	3.25	3.10	2.95	2.84	2.84	2.86	2.88
G117.5	3.24	3.07	2.89	2.78	2.79	2.82	2.84
G120.0	3.24	3.06	2.88	2.75	2.77	2.80	2.82
G122.5	3.29	3.09	2.90	2.77	2.79	2.82	2.85
G125.0	3.29	3.10	2.92	2.80	2.82	2.84	2.86
G127.5	3.26	3.09	2.93	2.82	2.84	2.87	2.90
G130.0	3.21	3.07	2.92	2.83	2.85	2.88	2.90
G132.5	3.18	3.04	2.89	2.80	2.82	2.86	2.88
G135.0	3.13	2.98	2.83	2.73	2.77	2.82	2.85
G137.5	3.04	2.90	2.75	2.66	2.69	2.74	2.77
G140.0	2.93	2.80	2.66	2.56	2.59	2.63	2.65
G142.5	2.77	2.65	2.52	2.44	2.46	2.52	2.56
G145.0	2.65	2.52	2.38	2.28	2.30	2.36	2.39
G147.5	2.47	2.36	2.22	2.12	2.14	2.19	2.22
G150.0	2.31	2.21	2.07	1.98	2.00	2.05	2.08
G152.5	2.14	2.05	1.93	1.84	1.86	1.91	1.94
G155.0	1.98	1.91	1.80	1.73	1.74	1.79	1.81
G157.5	1.82	1.75	1.66	1.61	1.63	1.67	1.69
G160.0	1.69	1.64	1.55	1.50	1.50	1.53	1.55
G162.5	1.54	1.50	1.43	1.38	1.40	1.44	1.46
G165.0	1.44	1.39	1.31	1.26	1.27	1.31	1.33
G167.5	1.33	1.28	1.20	1.15	1.17	1.21	1.24
G170.0	1.22	1.16	1.08	1.02	1.03	1.06	1.08
G172.5	1.04	1.00	0.92	0.87	0.89	0.94	0.95
G175.0	0.81	0.77	0.71	0.68	0.70	0.74	0.76
G177.5	0.71	0.67	0.63	0.59	0.58	0.59	0.60
G180.0	0.60	0.60	0.60	0.60	0.60	0.60	0.60

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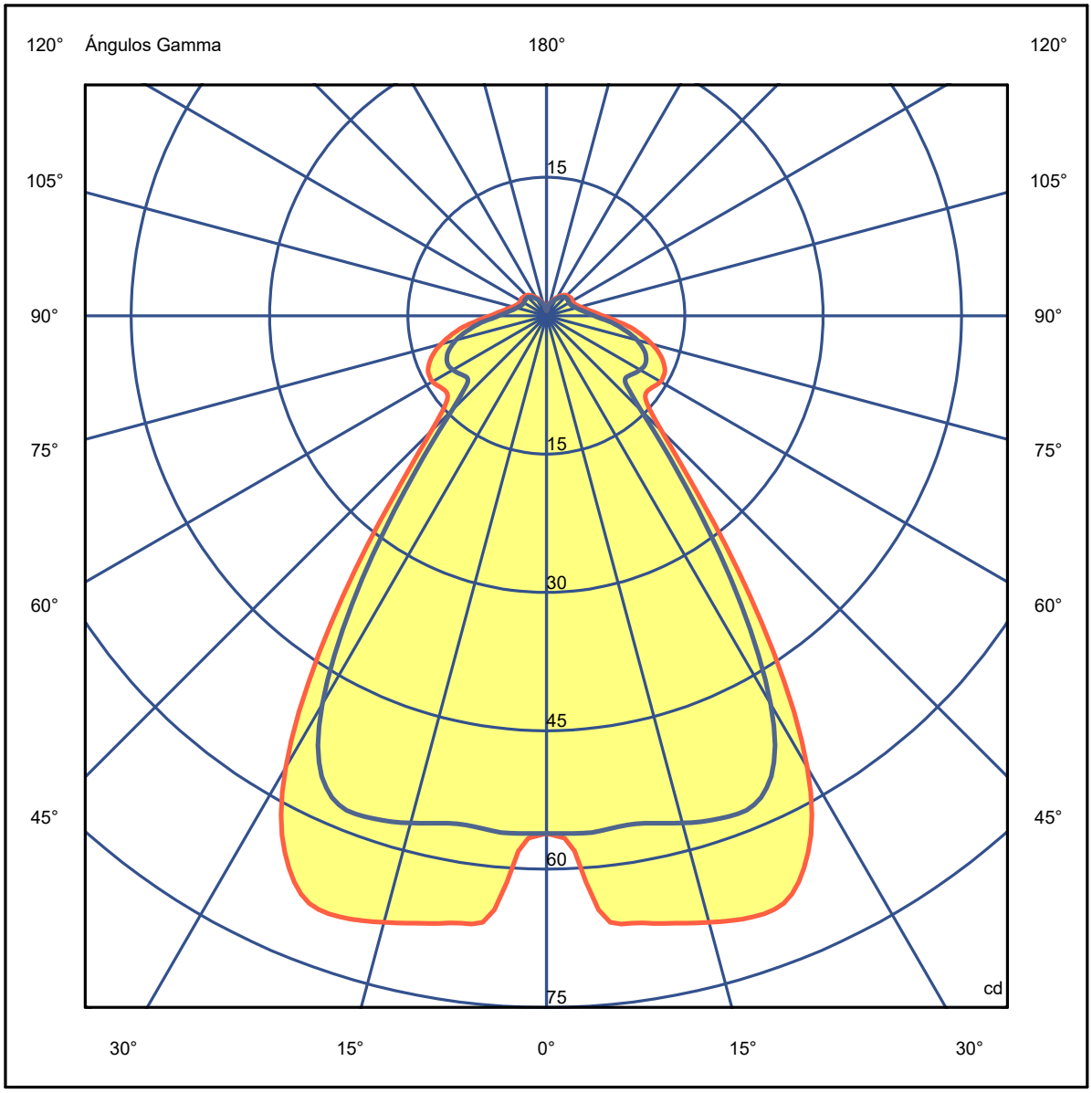
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Sources Flux	144.91 lm	Maximum value	68.99 cd	Position	C=0.00 G=20.00	CG	Double Symmetrical

Diam=200mm



Semiplanos C

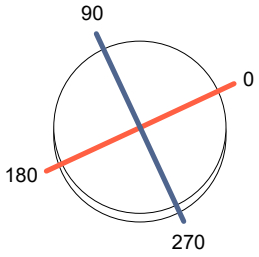
180.0 0.0
270.0 90.0



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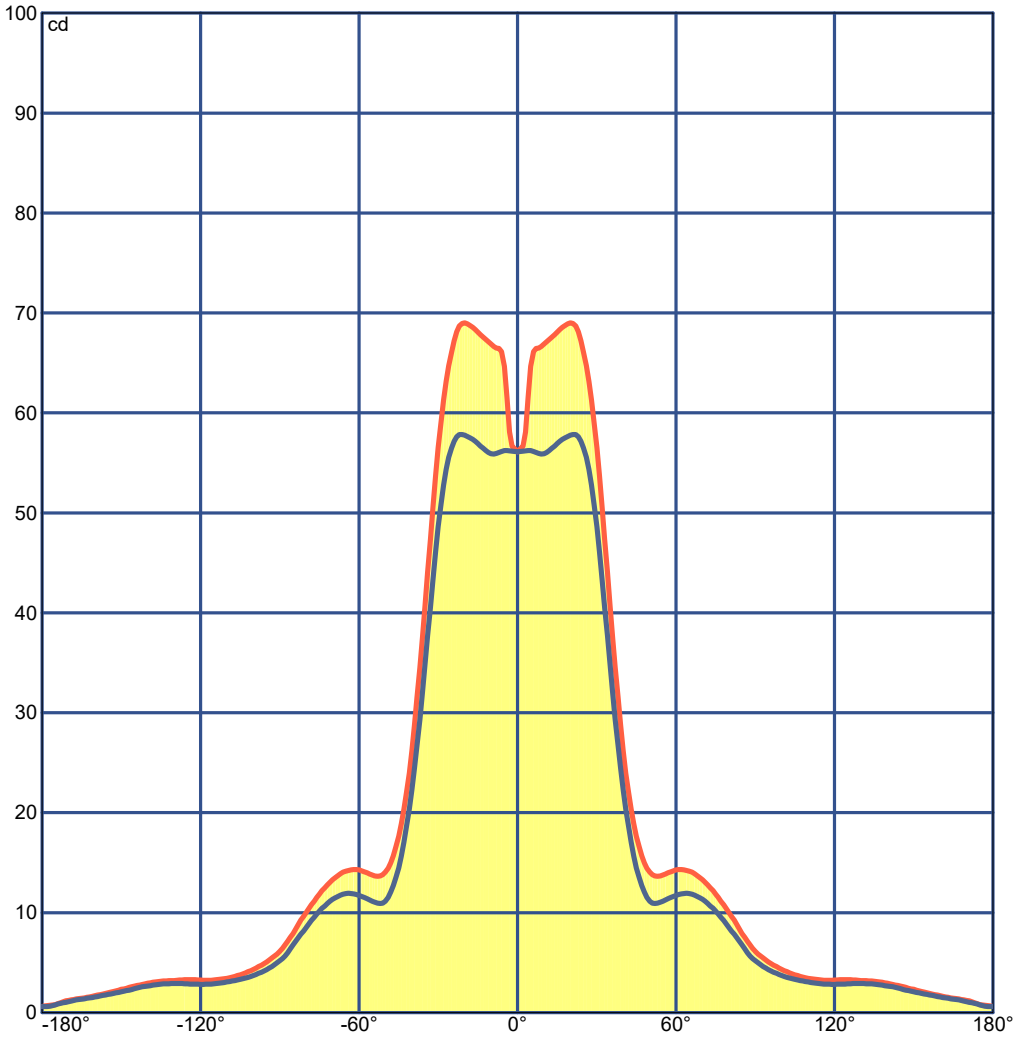
Luminaire Flux	144.91 lm	Luminaire Power	0.00 W	Efficacy	---	Efficiency	100.00%
Sources Flux	144.91 lm	Maximum value	68.99 cd	Position	C=0.00 G=20.00	CG	Double Symmetrical

Diam=200mm



Semiplanos C





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Sources Flux	144.91 lm	Maximum value	68.99 cd	Position	C=0.00 G=20.00	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
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	6.6	7.6	7.0	8.1	8.5	5.7	6.8	6.2	7.2	7.7
x=2H y=3H	8.7	9.7	9.2	10.2	10.7	7.8	8.8	8.3	9.3	9.8
x=2H y=4H	9.7	10.7	10.3	11.1	11.7	8.8	9.7	9.4	10.2	10.8
x=2H y=6H	10.6	11.5	11.2	12.0	12.6	9.7	10.5	10.2	11.1	11.6
x=2H y=8H	11.0	11.8	11.5	12.3	12.9	10.0	10.9	10.6	11.4	12.0
x=2H y=12H	11.3	12.1	11.9	12.6	13.2	10.3	11.1	10.9	11.7	12.3
x=4H y=2H	7.1	8.0	7.6	8.5	9.1	6.5	7.4	7.0	7.9	8.4
x=4H y=3H	9.5	10.3	10.1	10.8	11.4	8.8	9.6	9.4	10.1	10.7
x=4H y=4H	10.7	11.4	11.3	12.0	12.6	10.0	10.7	10.5	11.2	11.9
x=4H y=6H	11.7	12.4	12.3	13.0	13.6	10.9	11.6	11.6	12.2	12.8
x=4H y=8H	12.2	12.8	12.8	13.4	14.1	11.4	11.9	12.0	12.6	13.3
x=4H y=12H	12.6	13.1	13.2	13.7	14.4	11.8	12.3	12.4	12.9	13.6
x=8H y=4H	11.0	11.6	11.7	12.2	12.9	10.4	11.0	11.0	11.6	12.3
x=8H y=6H	12.3	12.8	12.9	13.4	14.1	11.6	12.1	12.2	12.7	13.4
x=8H y=8H	12.8	13.3	13.5	13.9	14.7	12.1	12.6	12.8	13.2	14.0
x=8H y=12H	13.4	13.8	14.1	14.4	15.2	12.6	13.0	13.3	13.7	14.5
x=12H y=4H	11.6	12.1	12.3	12.8	13.5	11.3	11.8	11.9	12.4	13.1
x=12H y=6H	12.7	13.2	13.4	13.8	14.6	12.3	12.7	12.9	13.4	14.1
x=12H y=8H	13.3	13.7	14.0	14.4	15.1	12.8	13.2	13.5	13.8	14.6

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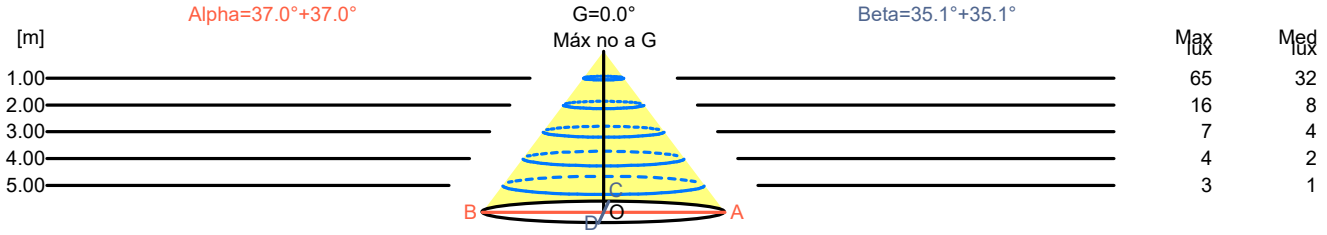
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Width at 50.00 % of Max Intensity

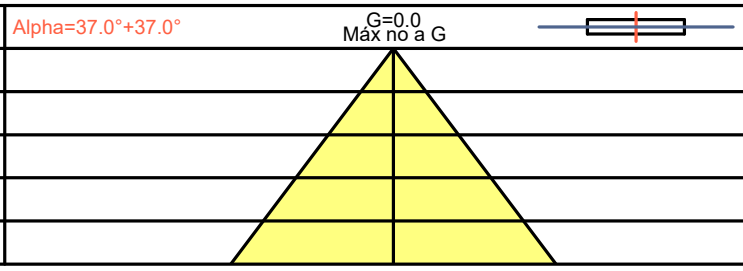
H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	0.75	1.51	2.26	3.01	3.77	OC	0.70	1.41	2.11	2.81	3.52
OB	0.75	1.51	2.26	3.01	3.77	OD	0.70	1.41	2.11	2.81	3.52

Luminous Intensities [cd]

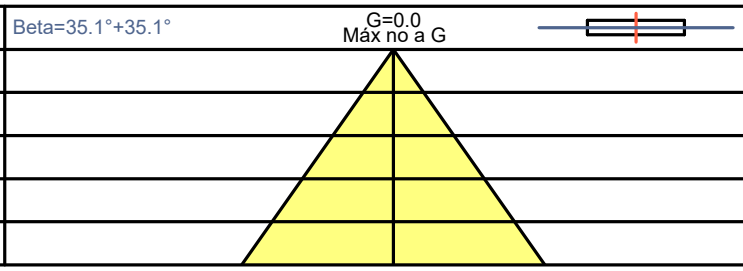
	0	5	15	25	35	45	55	65	75	85
OA	56.11	64.64	68.08	66.06	40.70	17.64	13.75	14.15	11.86	7.90
OB	56.11	64.64	68.08	66.06	40.70	17.64	13.75	14.15	11.86	7.90
OC	56.11	56.22	56.92	56.48	34.85	14.48	11.14	11.90	10.16	6.77
OD	56.11	56.22	56.92	56.48	34.85	14.48	11.14	11.90	10.16	6.77



H[m]	D[m]	Max lux	Med lux
1.00	1.51	65	32
2.00	3.01	16	8
3.00	4.52	7	4
4.00	6.03	4	2
5.00	7.54	3	1



H[m]	D[m]	Max lux	Med lux
1.00	1.41	65	32
2.00	2.81	16	8
3.00	4.22	7	4
4.00	5.63	4	2
5.00	7.03	3	1



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Flujo Total=144.91 Flujo Luminaria=144.91

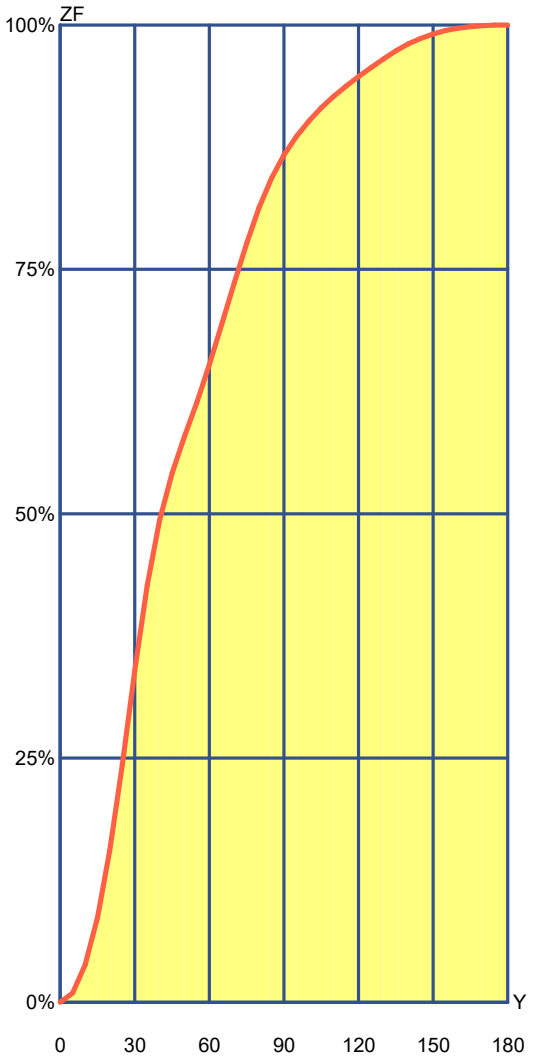
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.42	0.48	0.53	0.58	0.62	0.69	0.74	0.78	0.82	0.85	0.92	0.96
RC	3	3	4	4	4	4	5	5	5	5	5	5

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	156	339	494	579	653	736	813	867	902	927	947	965	981	991	997	999	1000

Códigos de Flujo C.I.E.
59 75 90 87 100

C.I.E.	3/3/4/4/4/4/5/5/5/5/5/5	LOR	100.00000 %
D DIN 5040	B41	ULOR	13.30375 %
F UTE	0.87 D + 0.13 T	DLOR	86.69625 %
B NBN	BZ 3 / 1 / BZ 4 / 2.5 / BZ 5	UFF	13.30375 %
RN	13.30375 %	DFF	86.69625 %
BLF	1.0	FFR	15.34524 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	9.39	9.39	0.94 %	0.94 %
10°	28.94	38.33	2.89 %	3.83 %
15°	48.62	86.95	4.86 %	8.70 %
20°	68.67	155.62	6.87 %	15.56 %
25°	87.19	242.81	8.72 %	24.28 %
30°	96.41	339.22	9.64 %	33.92 %
35°	87.64	426.86	8.76 %	42.69 %
40°	67.01	493.87	6.70 %	49.39 %
45°	47.84	541.71	4.78 %	54.17 %
50°	36.97	578.68	3.70 %	57.87 %
55°	35.27	613.95	3.53 %	61.39 %
60°	38.58	652.53	3.86 %	65.25 %
65°	41.54	694.07	4.15 %	69.41 %
70°	42.35	736.42	4.24 %	73.64 %
75°	40.47	776.89	4.05 %	77.69 %
80°	36.15	813.04	3.61 %	81.30 %
85°	30.20	843.25	3.02 %	84.32 %
90°	23.72	866.96	2.37 %	86.70 %
95°	18.91	885.87	1.89 %	88.59 %
100°	15.79	901.66	1.58 %	90.17 %
105°	13.50	915.16	1.35 %	91.52 %
110°	11.82	926.98	1.18 %	92.70 %
115°	10.59	937.57	1.06 %	93.76 %
120°	9.75	947.32	0.97 %	94.73 %
125°	9.27	956.59	0.93 %	95.66 %
130°	8.81	965.40	0.88 %	96.54 %
135°	8.09	973.48	0.81 %	97.35 %
140°	7.08	980.56	0.71 %	98.06 %
145°	5.85	986.41	0.58 %	98.64 %
150°	4.55	990.95	0.45 %	99.10 %
155°	3.40	994.35	0.34 %	99.44 %
160°	2.44	996.79	0.24 %	99.68 %
165°	1.64	998.43	0.16 %	99.84 %
170°	1.00	999.43	0.10 %	99.94 %
175°	0.46	999.89	0.05 %	99.99 %
180°	0.11	1000.00	0.01 %	100.00 %

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Name ATTICUS P/114/R OUTDOOR_BROWN
Measurem.
Code CL092A22F018GE1
Name ATTICUS P/114/R OUTDOOR_BROWN

Luminaire Flux	144.91 lm	Luminaire Power	0.00 W	Efficacy	---	Efficiency	100.00%
Sources Flux	144.91 lm	Maximum value	68.99 cd	Position	C=0.00 G=20.00	CG	Double Symmetrical

Isolux (Floor)

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

