Luminaria
Código 3101132440
Nombre ATTICUS P/114/R OUTDOOR BEIGE
Ensayo
Código CL092A22F018G
Nombre ATTICUS P/114/R OUTDOOR BEIGE

Flujo Luminaria	153.84 lm	Potencia Luminaria	0.00 W	Eficacia	---	Eficiencia	100.00%
Flujo Fuentes de luz	153.84 lm	Valor Máximo	73.25 cd	Posición	C=0.00 G=20.00	CG	Bisimétrico

Luminaria Redonda	Diam. 200 mm	Altura	180 mm
Área Luminosa Redonda	Diam. 200 mm	Altura	180 mm
Área Luminosa Horizontal	0.031416 m2	Área Emisión sobre Pl. 180°	0.036000 m2
Área Emisión sobre Pl. 0°	0.036000 m2	Área Emisión sobre Pl. 270°	0.036000 m2
Área Emisión sobre Pl. 90°	0.036000 m2	Área de deslumbramiento a 76°	0.042531 m2
Sist. de Coorden.	CG	Tipo de Simetría	Bisimétrico
Fecha	12-09-2022	Máximo Ángulo Gamma	180
Distancia de Ensayo	6.44	Flujo de Ensayo	153.84 lm
Operador	ASSELUM	Tensión Nominal	
Temperatura	25.30 °C	Corriente Nominal	
Humedad	65.50 %	Fotocélula	Czibula Grundmann
Notas	RM22071402.2.1		

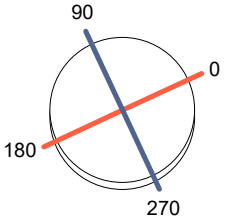
Fuentes de luz de la Luminaria

Familia	Código	Nombre	Flujo [lm]	Pot. [W]	Cant.
	LED	LED	153.84	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



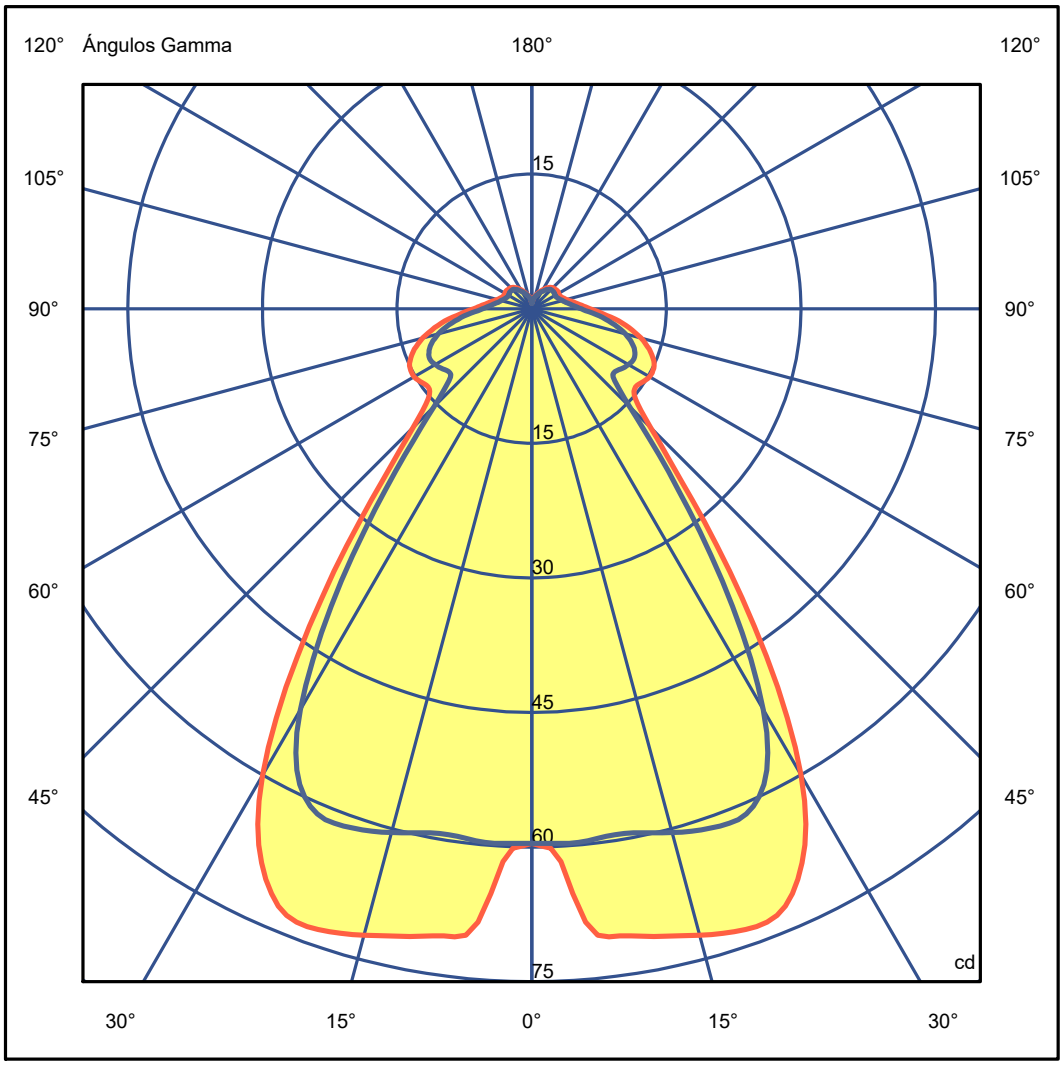
Diam=200mm



Semiplanos C

180.0 — 0.0
270.0 — 90.0

ULOR 13.30 %
DLOR 86.70 %
RN 13.30 %



Luminaria
Código ATTICUS BATERIA
Nombre ATTICUS BATERIA
Ensayo
Código CL092A22F018G
Nombre ATTICUS BATERIA

Flujo Luminaria	153.84 lm	Potencia Luminaria	0.00 W	Eficacia	---	Eficiencia	100.00%
Flujo Fuentes de luz	153.84 lm	Valor Máximo	73.25 cd	Posición	C=0.00 G=20.00	CG	Bisimétrico

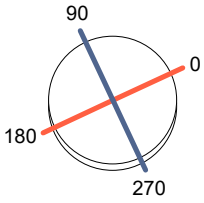
Tabla de Intensidad Luminosa cd **Tabla 1/1**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	59.57	59.57	59.57	59.57	59.57	59.57	59.57
G 2.5	60.28	59.35	59.40	59.73	59.70	59.67	59.64
G 5.0	68.62	65.70	62.23	59.64	59.42	59.53	59.69
G 7.5	70.54	67.29	63.10	59.81	59.04	59.21	59.42
G 10.0	71.01	67.77	63.58	60.22	59.26	59.26	59.37
G 12.5	71.60	68.28	64.00	60.59	59.63	59.67	59.81
G 15.0	72.27	68.91	64.58	61.13	60.20	60.27	60.43
G 17.5	72.89	69.52	65.17	61.70	60.75	60.82	60.98
G 20.0	73.25	69.89	65.54	62.06	60.79	60.98	61.33
G 22.5	72.66	69.51	65.31	61.93	61.22	61.19	61.30
G 25.0	70.13	67.49	63.70	60.59	59.81	59.81	59.97
G 27.5	66.10	63.80	60.23	57.26	56.26	56.54	56.90
G 30.0	60.01	57.84	54.21	51.26	50.63	51.32	51.61
G 32.5	52.04	50.03	46.55	43.75	43.32	44.19	44.53
G 35.0	43.21	41.55	38.55	36.14	35.71	36.45	37.00
G 37.5	35.06	33.63	31.06	29.01	28.74	29.46	29.71
G 40.0	27.80	26.67	24.71	23.15	22.96	23.50	23.67
G 42.5	22.44	21.45	19.80	18.49	18.32	18.75	18.90
G 45.0	18.73	17.80	16.36	15.20	14.92	15.16	15.37
G 47.5	16.25	15.35	14.06	13.05	12.78	12.97	13.14
G 50.0	14.90	14.04	12.91	12.00	11.79	11.80	11.83
G 52.5	14.48	13.63	12.59	11.78	11.54	11.54	11.59
G 55.0	14.60	13.75	12.75	11.97	11.81	11.78	11.83
G 57.5	14.90	14.05	13.04	12.27	12.12	12.11	12.17
G 60.0	15.14	14.29	13.27	12.49	12.35	12.38	12.44
G 62.5	15.16	14.25	13.31	12.59	12.49	12.56	12.63
G 65.0	15.02	14.15	13.23	12.55	12.43	12.54	12.63
G 67.5	14.65	13.94	13.05	12.37	12.27	12.33	12.40
G 70.0	14.10	13.46	12.64	12.01	11.95	11.99	12.04
G 72.5	13.40	12.83	12.08	11.49	11.40	11.41	11.45
G 75.0	12.59	12.07	11.38	10.84	10.76	10.75	10.78
G 77.5	11.63	11.18	10.57	10.07	9.94	9.94	9.95
G 80.0	10.63	10.22	9.66	9.20	9.06	9.03	9.03
G 82.5	9.58	9.23	8.74	8.32	8.18	8.13	8.13
G 85.0	8.38	8.09	7.68	7.32	7.24	7.21	7.19
G 87.5	7.40	7.16	6.79	6.45	6.33	6.24	6.16
G 90.0	6.49	6.27	5.97	5.70	5.60	5.53	5.51
G 92.5	5.90	5.69	5.40	5.14	5.04	5.00	4.98
G 95.0	5.36	5.18	4.93	4.71	4.62	4.57	4.56
G 97.5	4.95	4.77	4.54	4.34	4.27	4.24	4.23
G100.0	4.59	4.43	4.20	4.01	3.96	3.94	3.94
G102.5	4.27	4.13	3.93	3.77	3.70	3.69	3.70
G105.0	4.00	3.86	3.68	3.54	3.52	3.53	3.54
G107.5	3.81	3.67	3.49	3.36	3.35	3.36	3.37
G110.0	3.63	3.50	3.35	3.23	3.21	3.23	3.24
G112.5	3.53	3.39	3.22	3.09	3.09	3.12	3.15
G115.0	3.45	3.29	3.13	3.01	3.02	3.04	3.06
G117.5	3.44	3.25	3.07	2.95	2.96	2.99	3.01
G120.0	3.44	3.25	3.06	2.92	2.94	2.97	3.00
G122.5	3.49	3.28	3.08	2.94	2.96	3.00	3.02
G125.0	3.49	3.30	3.10	2.97	2.99	3.02	3.04
G127.5	3.46	3.28	3.11	3.00	3.01	3.05	3.08
G130.0	3.41	3.26	3.10	3.01	3.03	3.06	3.08
G132.5	3.37	3.22	3.07	2.97	2.99	3.03	3.06
G135.0	3.32	3.16	3.00	2.90	2.94	2.99	3.02
G137.5	3.23	3.08	2.92	2.82	2.86	2.91	2.94
G140.0	3.11	2.97	2.82	2.72	2.75	2.79	2.81
G142.5	2.94	2.81	2.67	2.59	2.61	2.68	2.72
G145.0	2.82	2.67	2.52	2.42	2.44	2.50	2.53
G147.5	2.62	2.51	2.36	2.25	2.27	2.33	2.36
G150.0	2.46	2.35	2.20	2.10	2.12	2.18	2.21
G152.5	2.27	2.18	2.05	1.96	1.98	2.03	2.06
G155.0	2.11	2.03	1.91	1.83	1.85	1.90	1.92
G157.5	1.93	1.86	1.77	1.70	1.73	1.77	1.80
G160.0	1.80	1.74	1.65	1.59	1.59	1.62	1.64
G162.5	1.64	1.59	1.51	1.47	1.49	1.53	1.55
G165.0	1.53	1.47	1.39	1.34	1.35	1.39	1.42
G167.5	1.42	1.36	1.27	1.22	1.24	1.29	1.31
G170.0	1.30	1.24	1.14	1.08	1.09	1.13	1.15
G172.5	1.11	1.06	0.98	0.92	0.95	0.99	1.01
G175.0	0.86	0.81	0.75	0.72	0.75	0.79	0.81
G177.5	0.75	0.71	0.66	0.63	0.62	0.63	0.63
G180.0	0.64	0.64	0.64	0.64	0.64	0.64	0.64

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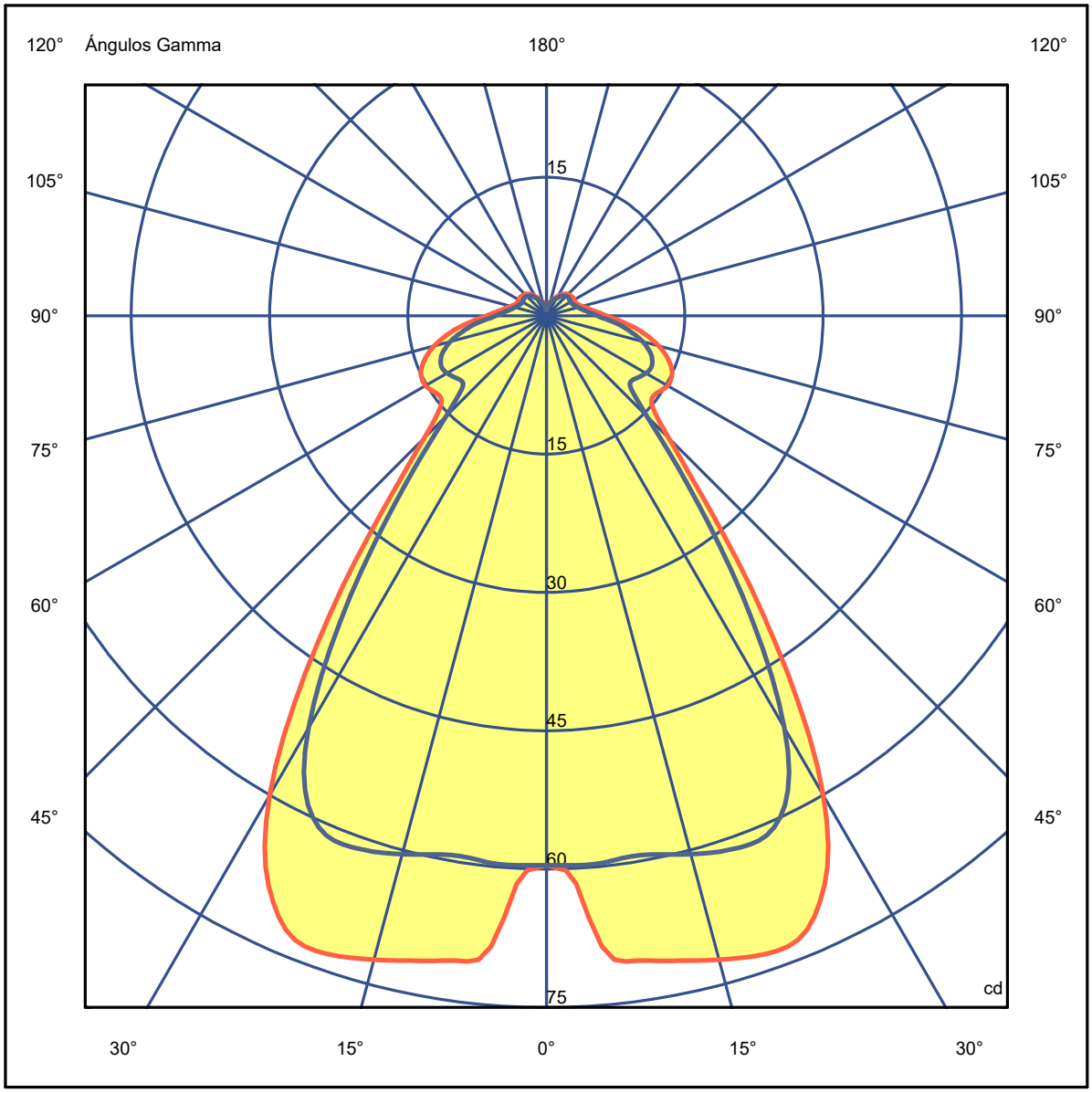
Flujo Luminaria	153.84 lm	Potencia Luminaria	0.00 W	Eficacia	---	Eficiencia	100.00%
Flujo Fuentes de luz	153.84 lm	Valor Máximo	73.25 cd	Posición	C=0.00 G=20.00	CG	Bisimétrico

Diam=200mm



Semiplanos C

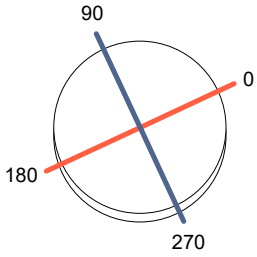
180.0 0.0
270.0 90.0



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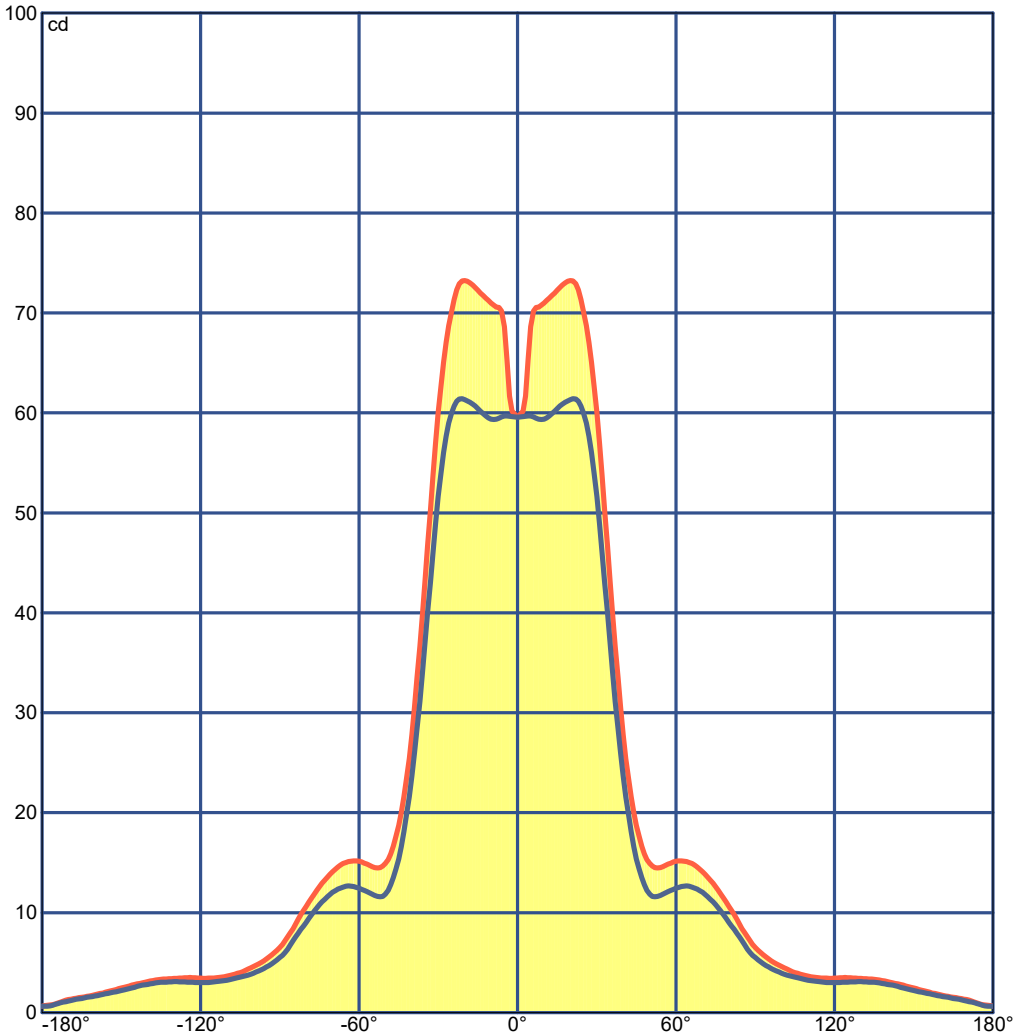
Flujo Luminaria	153.84 lm	Potencia Luminaria	0.00 W	Eficacia	---	Eficiencia	100.00%
Flujo Fuentes de luz	153.84 lm	Valor Máximo	73.25 cd	Posición	C=0.00 G=20.00	CG	Bisimétrico

Diam=200mm



Semiplanos C





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Flujo Luminaria	153.84 lm	Potencia Luminaria	0.00 W	Eficacia	---	Eficiencia	100.00%
Flujo Fuentes de luz	153.84 lm	Valor Máximo	73.25 cd	Posición	C=0.00 G=20.00	CG	Bisimétrico

UGR
S = 0.250

Reflectancias										
Techo/Cavidad	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Paredes	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
PDT	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Dimensiones del Loca	Vista Lateral					Vista Longitudinal				
x=2H y=2H	6.8	7.8	7.2	8.3	8.7	5.9	7.0	6.4	7.4	7.9
x=2H y=3H	8.9	9.9	9.4	10.4	10.9	8.0	9.0	8.5	9.5	10.0
x=2H y=4H	9.9	10.9	10.5	11.4	11.9	9.0	10.0	9.6	10.5	11.0
x=2H y=6H	10.8	11.7	11.4	12.2	12.8	9.9	10.7	10.4	11.3	11.8
x=2H y=8H	11.2	12.0	11.7	12.5	13.1	10.2	11.1	10.8	11.6	12.2
x=2H y=12H	11.5	12.3	12.1	12.8	13.4	10.5	11.3	11.1	11.9	12.5
x=4H y=2H	7.3	8.2	7.9	8.7	9.3	6.7	7.6	7.2	8.1	8.6
x=4H y=3H	9.7	10.5	10.3	11.0	11.6	9.0	9.8	9.6	10.3	10.9
x=4H y=4H	10.9	11.6	11.5	12.2	12.8	10.2	10.9	10.7	11.4	12.1
x=4H y=6H	11.9	12.6	12.6	13.2	13.8	11.2	11.8	11.8	12.4	13.0
x=4H y=8H	12.4	13.0	13.0	13.6	14.3	11.6	12.2	12.2	12.8	13.5
x=4H y=12H	12.8	13.3	13.4	13.9	14.6	12.0	12.5	12.6	13.1	13.8
x=8H y=4H	11.2	11.8	11.9	12.4	13.1	10.6	11.2	11.2	11.8	12.5
x=8H y=6H	12.5	13.0	13.1	13.6	14.3	11.8	12.3	12.5	12.9	13.6
x=8H y=8H	13.1	13.5	13.7	14.1	14.9	12.3	12.8	13.0	13.4	14.2
x=8H y=12H	13.6	14.0	14.3	14.6	15.4	12.8	13.2	13.5	13.9	14.7
x=12H y=4H	11.8	12.3	12.5	13.0	13.7	11.5	12.0	12.1	12.6	13.3
x=12H y=6H	12.9	13.4	13.6	14.0	14.8	12.5	12.9	13.2	13.6	14.3
x=12H y=8H	13.5	13.9	14.2	14.6	15.3	13.0	13.4	13.7	14.1	14.8

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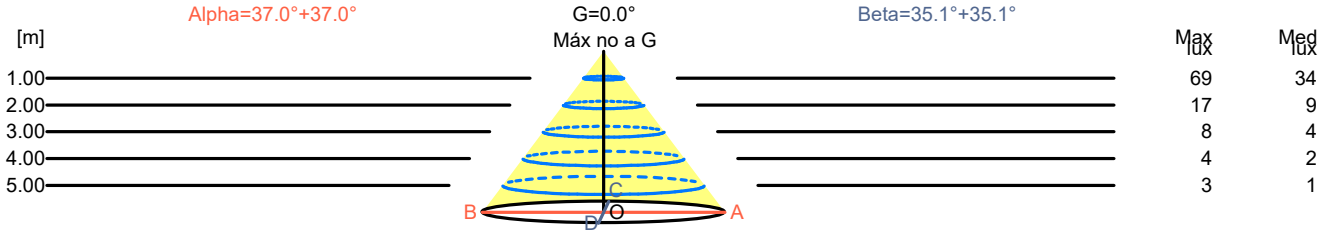
Flujo Luminaria	153.84 lm	Potencia Luminaria	0.00 W	Eficacia	---	Eficiencia	100.00%
Flujo Fuentes de luz	153.84 lm	Valor Máximo	73.25 cd	Posición	C=0.00 G=20.00	CG	Bisimétrico

Apertura a 50.00 % de Max Intensidad

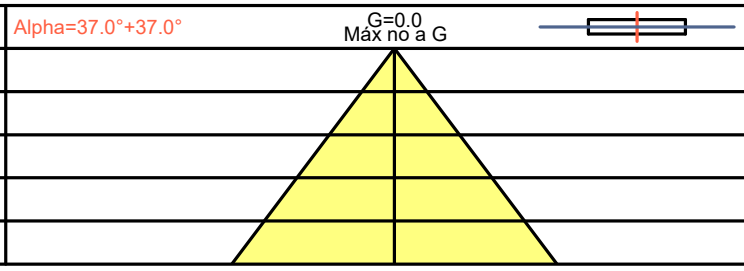
H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	0.75	1.51	2.26	3.01	3.77	OC	0.70	1.41	2.11	2.81	3.52
OB	0.75	1.51	2.26	3.01	3.77	OD	0.70	1.41	2.11	2.81	3.52

Intensidades Luminosas [cd]

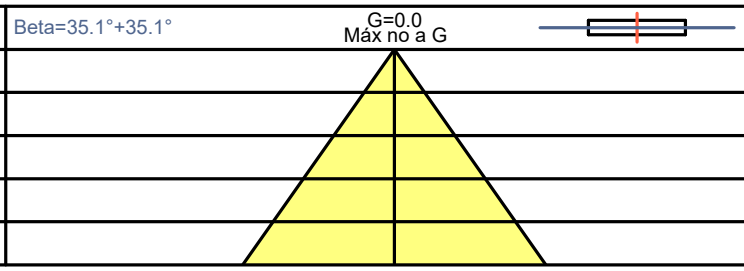
	0	5	15	25	35	45	55	65	75	85
OA	59.57	68.62	72.27	70.13	43.21	18.73	14.60	15.02	12.59	8.38
OB	59.57	68.62	72.27	70.13	43.21	18.73	14.60	15.02	12.59	8.38
OC	59.57	59.69	60.43	59.97	37.00	15.37	11.83	12.63	10.78	7.19
OD	59.57	59.69	60.43	59.97	37.00	15.37	11.83	12.63	10.78	7.19



H[m]	D[m]	Max lux	Med lux
1.00	1.51	69	34
2.00	3.01	17	9
3.00	4.52	8	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	69	34
2.00	2.81	17	9
3.00	4.22	8	4
4.00	5.63	4	2
5.00	7.03	3	1



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Flujo Fuentes de luz	153.84 lm	Valor Máximo	73.25 cd	Posición	C=0.00 G=20.00	CG	Bisimétrico

Flujo Total=153.84 Flujo Luminaria=153.84

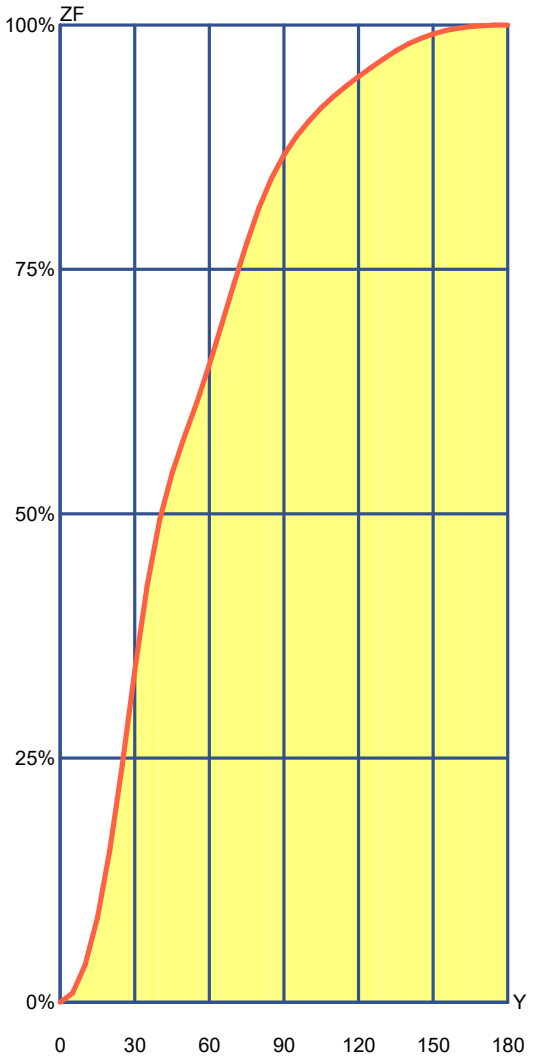
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.42	0.48	0.53	0.58	0.62	0.69	0.74	0.78	0.82	0.85	0.92	0.96
RC	3	3	4	4	4	4	5	5	5	5	5	5

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 %

Luminaria
Código ATTICUS BATERIA
Nombre ATTICUS BATERIA
Ensayo
Código CL092A22F018G
Nombre ATTICUS BATERIA

Flujo Luminaria	153.84 lm	Potencia Luminaria	0.00 W	Eficacia	---	Eficiencia	100.00%
Flujo Fuentes de luz	153.84 lm	Valor Máximo	73.25 cd	Posición	C=0.00 G=20.00	CG	Bisimétrico

Isolux (Suelo)

Posición Luminaria X=0.00m Y=0.00m Z=2.50m

