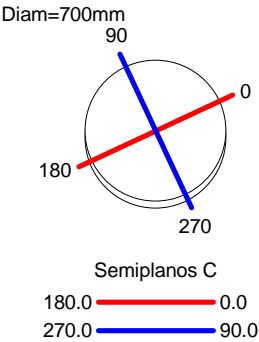


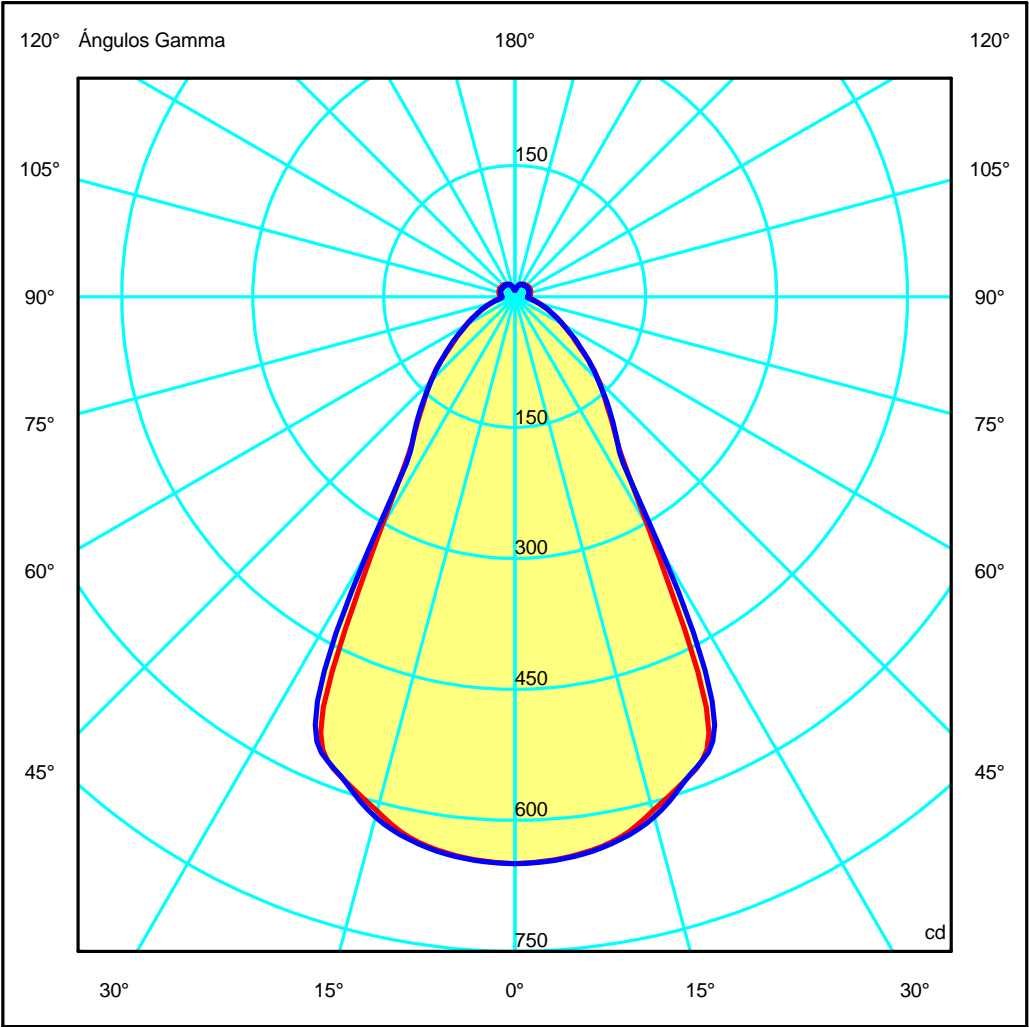
Luminaria
Código A683-010
Nombre JAIMA 71 BEIGE
Ensayo
Código CL041A18F008G
Nombre JAIMA 71 BEIGE

Flujo Luminaria	1015.15 lm	Potencia luminaria	22.74 W	Eficacia	44.64 lm/W	Eficiencia	100.00%
Flujo de Lámpara	1015.15 lm	Valor Máximo	649.41 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico
Luminaria Redonda	Diam.	700 mm	Altura	800 mm			
Área Luminosa Redonda	Diam.	700 mm	Altura	800 mm			
Área Luminosa Horizontal	0.384845 m2	Área Emisión sobre Pl. 180°		0.560000 m2			
Área Emisión sobre Pl. 0°	0.560000 m2	Área Emisión sobre Pl. 270°		0.560000 m2			
Área Emisión sobre Pl. 90°	0.560000 m2	Área de deslumbramiento a 76°		0.636468 m2			
Sist. de Coordén.	CG	Tipo de Simetría		Bisimétrico			
Fecha	04-09-2018	Máximo Ángulo Gamma		180			
Distancia de Ensayo	6.44	Flujo de Ensayo		1015.15 lm			
Operador	Asselum T2	Tensión de alimentación [V]		230.00 V			
Temperatura	25.00 °C	Corriente de alimentación [A]		0.11 A			
Humedad	64.40 %	Fotocélula		Prc			
Notas	RM18072002.3; RM18072002.4						

Lámparas de la Luminaria					
Familia	Código	Nombre	Flujo [lm]	Pot. [W]	Cant.
	CL041A18F008G	JAIMA 71 BEIGE	1015.15	22.74	1
C.I.E. F UTE	71 89 97 89 100 0.89 B + 0.11 T	D DIN 5040 B NBN	B61 BZ 1 / 0.6 / BZ 2 / 4 / BZ 3		



ULOR 10.50 %
DLOR 89.50 %
RN 10.50 %



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Flujo de Lámpara	1015.15 lm	Valor Máximo	649.41 cd	Posición	C=0.00 G=0.00	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	649.41	649.41	649.41	649.41	649.41	649.41	649.41
G 2.5	647.99	648.52	648.76	648.74	648.65	648.62	648.67
G 5.0	645.31	645.87	646.69	646.52	646.66	646.35	646.23
G 7.5	640.98	641.75	642.32	642.20	642.64	642.35	642.31
G 10.0	634.66	635.48	636.83	635.99	637.50	636.35	636.27
G 12.5	624.27	627.27	628.95	628.04	629.56	628.12	628.31
G 15.0	609.85	616.92	618.73	618.34	618.53	616.12	616.93
G 17.5	596.82	602.42	605.33	604.97	605.76	601.39	601.22
G 20.0	584.46	586.98	588.46	589.66	589.34	586.25	583.86
G 22.5	568.64	571.20	574.24	569.50	575.47	567.37	570.52
G 25.0	519.30	541.65	555.32	537.90	550.70	528.64	541.38
G 27.5	404.47	468.81	503.88	500.71	496.15	455.21	459.33
G 30.0	305.99	354.27	412.09	432.00	407.06	367.78	336.41
G 32.5	243.23	262.00	295.61	333.18	294.83	284.29	239.81
G 35.0	205.56	208.35	226.74	243.84	231.46	228.37	205.16
G 37.5	184.10	189.24	193.05	198.84	192.29	190.46	185.99
G 40.0	164.61	172.37	174.49	176.97	171.64	171.03	167.95
G 42.5	149.99	154.01	157.47	158.25	156.22	153.86	150.54
G 45.0	135.83	139.45	140.59	142.05	139.47	138.02	134.67
G 47.5	121.85	123.09	126.66	127.01	125.61	122.90	120.64
G 50.0	105.72	109.40	111.89	114.19	111.63	108.51	106.69
G 52.5	91.84	96.20	98.85	101.26	97.86	95.71	94.40
G 55.0	81.73	84.37	87.09	88.82	87.02	84.01	83.28
G 57.5	72.29	73.87	76.16	77.25	75.47	74.08	72.01
G 60.0	64.16	64.57	67.28	67.63	67.25	65.26	63.34
G 62.5	55.94	57.12	59.12	59.78	58.81	57.13	56.11
G 65.0	48.59	50.54	51.71	52.89	51.51	49.96	49.65
G 67.5	43.20	44.01	45.67	45.80	45.49	43.75	43.23
G 70.0	38.12	38.75	39.42	39.47	38.94	37.95	37.49
G 72.5	33.70	33.33	34.32	34.06	33.94	32.71	31.85
G 75.0	28.64	29.16	29.81	29.61	28.95	27.97	27.42
G 77.5	24.55	25.37	25.77	25.50	24.69	23.94	23.49
G 80.0	21.49	21.51	22.15	21.62	20.96	20.22	19.72
G 82.5	19.03	18.61	18.63	18.17	17.56	16.98	16.77
G 85.0	17.28	16.39	16.59	15.69	15.57	14.97	15.04
G 87.5	16.76	16.00	15.91	15.29	14.86	14.61	14.55
G 90.0	17.04	16.32	16.13	15.67	15.17	14.94	14.78
G 92.5	17.37	16.70	16.54	16.10	15.55	15.35	15.15
G 95.0	17.67	17.04	16.93	16.51	15.99	15.72	15.56
G 97.5	17.98	17.40	17.30	16.91	16.35	16.12	15.95
G100.0	18.32	17.70	17.62	17.24	16.71	16.50	16.26
G102.5	18.58	17.95	17.93	17.54	17.03	16.81	16.57
G105.0	18.79	18.22	18.19	17.87	17.30	17.09	16.86
G107.5	18.97	18.45	18.43	18.15	17.57	17.37	17.13
G110.0	19.15	18.62	18.62	18.39	17.76	17.59	17.35
G112.5	19.28	18.78	18.77	18.54	17.97	17.74	17.48
G115.0	19.38	18.85	18.89	18.70	18.09	17.85	17.59
G117.5	19.41	18.91	18.96	18.77	18.16	17.89	17.65
G120.0	19.39	18.89	18.95	18.84	18.18	17.76	17.64
G122.5	19.35	18.73	18.92	18.84	18.17	17.56	17.63
G125.0	19.21	18.55	18.84	18.80	18.14	17.27	17.57
G127.5	19.05	18.26	18.69	18.73	18.06	17.04	17.47
G130.0	18.87	17.91	18.50	18.63	17.94	16.84	17.38
G132.5	18.64	17.57	18.26	18.46	17.72	16.70	17.22
G135.0	18.38	17.26	17.99	18.27	17.47	16.52	17.08
G137.5	18.06	17.00	17.68	18.07	17.13	16.33	16.94
G140.0	17.81	16.77	17.35	17.86	16.82	16.15	16.77
G142.5	17.58	16.54	17.05	17.50	16.54	16.02	16.62
G145.0	17.36	16.36	16.71	17.02	16.21	15.89	16.47
G147.5	17.16	16.18	16.38	16.48	15.95	15.77	16.29
G150.0	16.89	16.02	15.96	15.96	15.69	15.60	16.03
G152.5	16.45	15.71	15.50	15.45	15.39	15.39	15.76
G155.0	15.94	15.23	14.89	14.92	14.93	15.03	15.32
G157.5	15.27	14.59	14.21	14.29	14.22	14.55	14.77
G160.0	14.63	13.78	13.49	13.51	13.51	13.88	14.06
G162.5	13.60	12.99	12.65	12.65	12.65	13.10	13.30
G165.0	12.45	12.04	11.77	11.68	11.62	12.10	12.35
G167.5	11.29	10.93	10.70	10.63	10.62	11.01	11.25
G170.0	10.01	9.71	9.49	9.40	9.41	9.85	9.89
G172.5	8.68	8.51	8.42	8.33	8.31	8.68	8.74
G175.0	7.47	7.80	7.65	7.55	7.58	7.78	7.90
G177.5	7.20	7.59	7.44	7.32	7.37	7.47	7.51
G180.0	7.46	7.46	7.46	7.46	7.46	7.46	7.46

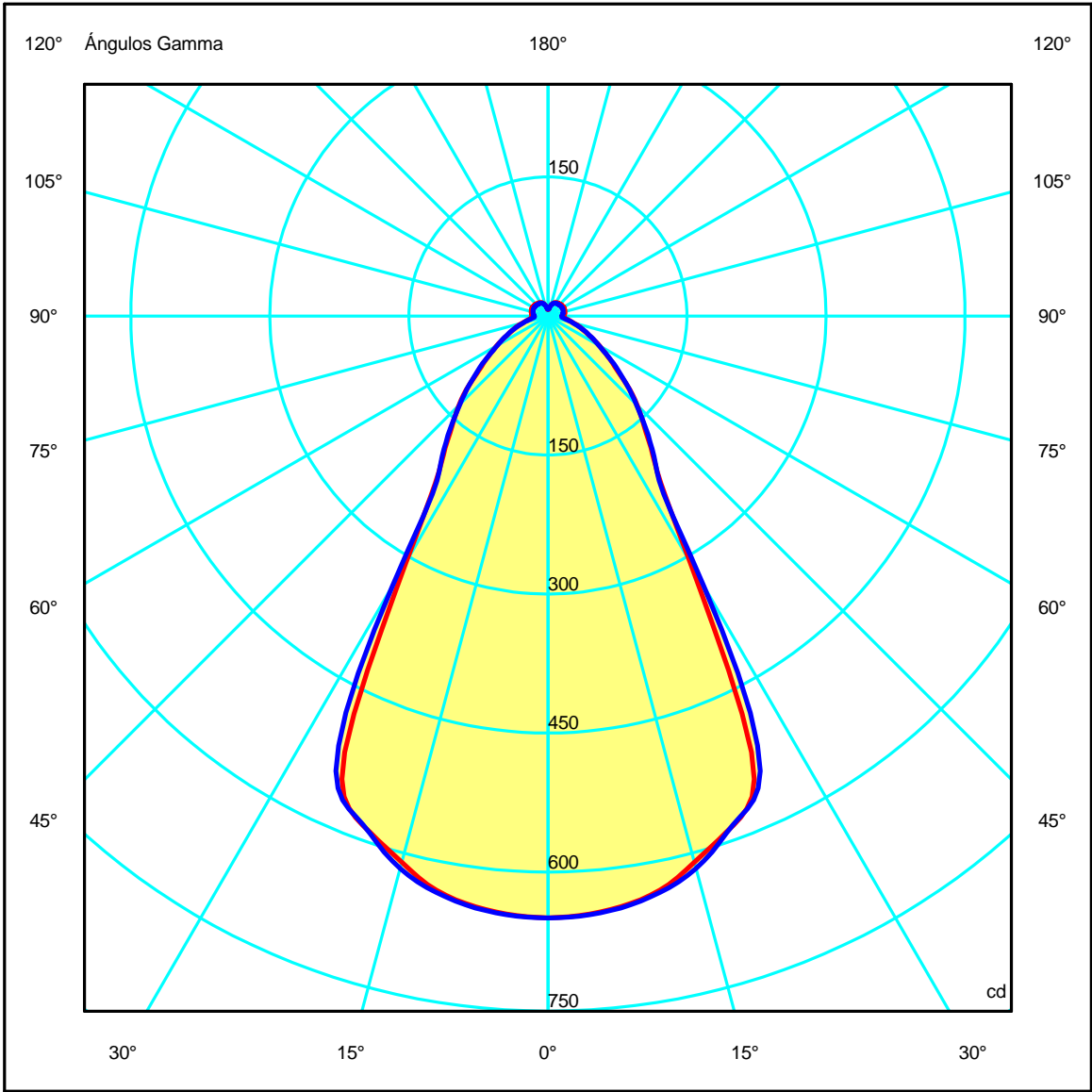
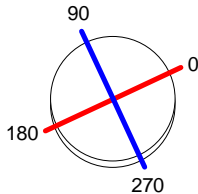
Luminaria
Código A683-010
Nombre JAIMA 71 BEIGE
Ensayo
Código CL041A18F008G
Nombre JAIMA 71 BEIGE

Flujo Luminaria	1015.15 lm	Potencia luminaria	22.74 W	Eficacia	44.64 lm/W	Eficiencia	100.00%
Flujo de Lámpara	1015.15 lm	Valor Máximo	649.41 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

Diam=700mm

Semiplanos C

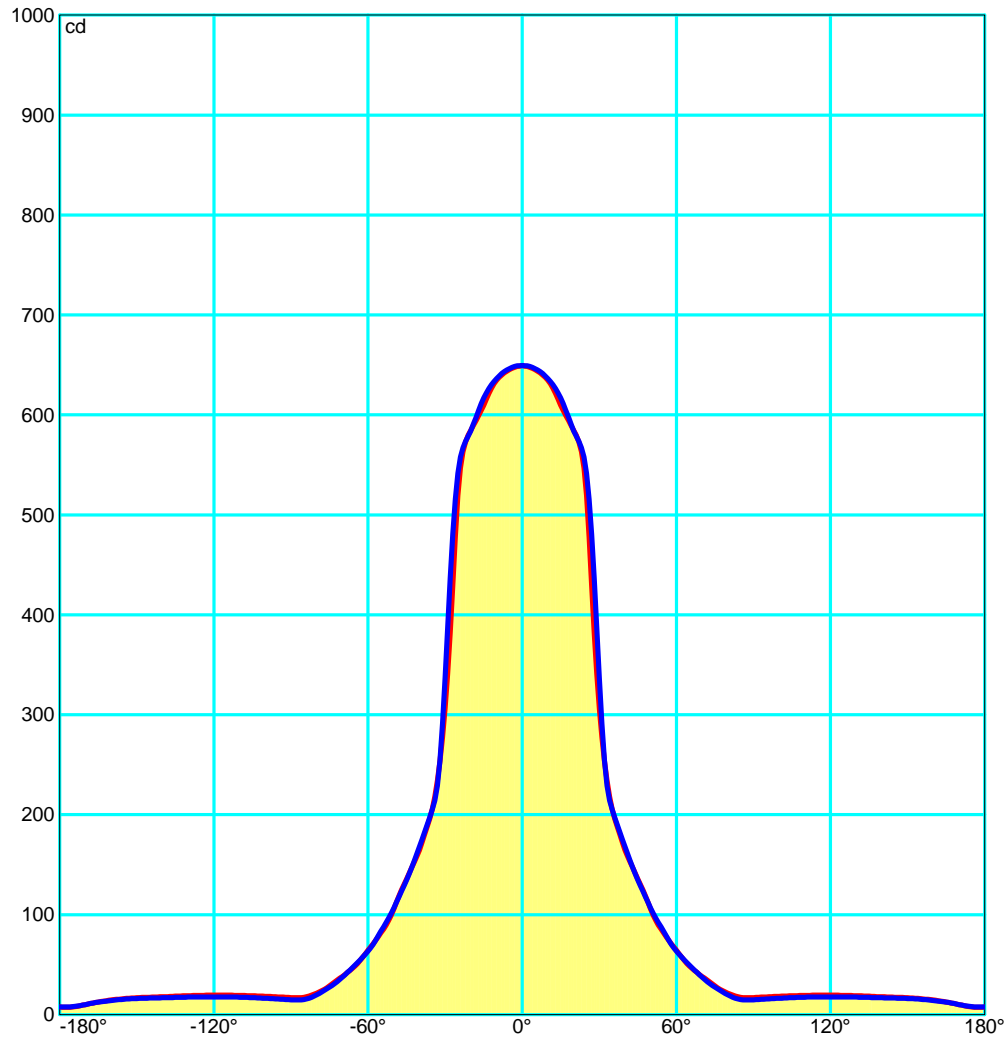
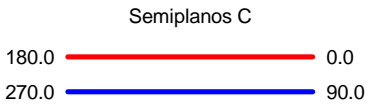
180.0 ————— 0.0
270.0 ————— 90.0



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Diam=700mm



Luminaria

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Flujo de Lámpara	1015.15 lm	Valor Máximo	649.41 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

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
WorkingPlane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
RoomDimensions	Viewed Crosswise					Viewed Endwise				
x=2H y=2H	3.1	4.0	3.5	4.4	4.8	3.2	4.1	3.6	4.5	4.9
x=2H y=3H	3.8	4.6	4.2	5.0	5.5	3.8	4.6	4.2	5.0	5.5
x=2H y=4H	4.0	4.8	4.5	5.2	5.7	4.0	4.8	4.5	5.2	5.7
x=2H y=6H	4.2	4.9	4.7	5.4	5.9	4.2	4.9	4.7	5.4	5.9
x=2H y=8H	4.3	5.0	4.8	5.4	6.0	4.2	4.9	4.7	5.4	5.9
x=2H y=12H	4.4	5.0	4.9	5.5	6.0	4.3	4.9	4.8	5.4	6.0
x=4H y=2H	3.4	4.2	3.9	4.7	5.1	3.5	4.3	4.0	4.7	5.2
x=4H y=3H	4.3	4.9	4.8	5.4	5.9	4.3	4.9	4.8	5.4	5.9
x=4H y=4H	4.6	5.2	5.2	5.7	6.3	4.6	5.2	5.1	5.7	6.3
x=4H y=6H	4.9	5.4	5.5	6.0	6.6	4.9	5.4	5.4	5.9	6.5
x=4H y=8H	5.0	5.5	5.6	6.1	6.7	5.0	5.4	5.5	6.0	6.6
x=4H y=12H	5.2	5.6	5.8	6.2	6.8	5.1	5.5	5.7	6.0	6.7
x=8H y=4H	4.7	5.2	5.3	5.8	6.4	4.7	5.2	5.3	5.7	6.4
x=8H y=6H	5.2	5.5	5.8	6.1	6.8	5.1	5.5	5.7	6.1	6.7
x=8H y=8H	5.4	5.7	6.0	6.3	7.0	5.3	5.6	5.9	6.2	6.9
x=8H y=12H	5.6	5.8	6.2	6.5	7.2	5.4	5.7	6.1	6.3	7.0
x=12H y=4H	4.7	5.1	5.3	5.7	6.4	4.7	5.1	5.3	5.7	6.4
x=12H y=6H	5.2	5.5	5.8	6.1	6.8	5.1	5.4	5.8	6.1	6.7
x=12H y=8H	5.4	5.7	6.1	6.3	7.0	5.3	5.6	6.0	6.2	6.9

Luminaria

Código A683-010
Nombre JAIMA 71 BEIGE

Ensayo

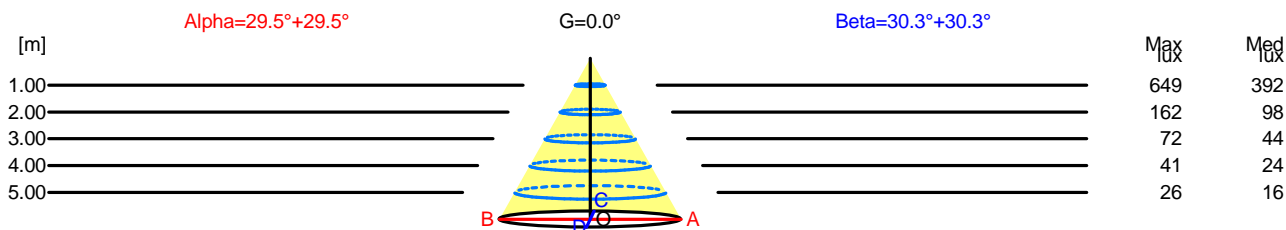
Código CL041A18F008G
Nombre JAIMA 71 BEIGE

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Flujo de Lámpara	1015.15 lm	Valor Máximo	649.41 cd	Posición	C=0.00 G=0.00	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	0.56	1.13	1.69	2.26	2.82	OC	0.58	1.17	1.75	2.33	2.92
OB	0.56	1.13	1.69	2.26	2.82	OD	0.58	1.17	1.75	2.33	2.92

	Intensidades Luminosas [cd]									
	0	5	15	25	35	45	55	65	75	85
OA	649.41	645.31	609.85	519.30	205.56	135.83	81.73	48.59	28.64	17.28
OB	649.41	645.31	609.85	519.30	205.56	135.83	81.73	48.59	28.64	17.28
OC	649.41	646.23	616.93	541.38	205.16	134.67	83.28	49.65	27.42	15.04
OD	649.41	646.23	616.93	541.38	205.16	134.67	83.28	49.65	27.42	15.04



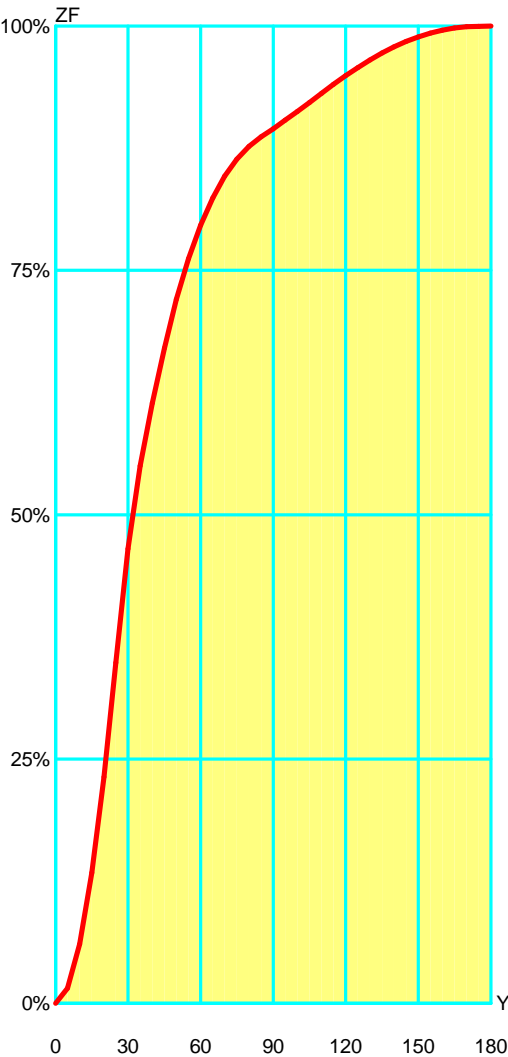
H[m]	D[m]	Max lux	Med lux	Alpha=29.5°+29.5°	G=0.0	
1.00	1.13	649	392			
2.00	2.26	162	98			
3.00	3.39	72	44			
4.00	4.52	41	24			
5.00	5.65	26	16			

H[m]	D[m]	Max lux	Med lux	Beta=30.3°+30.3°	G=0.0	
1.00	1.17	649	392			
2.00	2.33	162	98			
3.00	3.50	72	44			
4.00	4.67	41	24			
5.00	5.83	26	16			

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Flujo de Lámpara	1015.15 lm	Valor Máximo	649.41 cd	Posición	C=0.00 G=0.00	CG Bisimétrico	

Flujo Total=1015.15 Flujo Luminaria=1015.15																		
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	0.56	0.63	0.68	0.72	0.79	0.83	0.86	0.90	0.92	0.96	0.98						
RC	2	2	2	2	2	2	2	2	2	2	2	1						
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)	60	231	465	614	720	796	846	877	895	913	931	949	965	979	989	996	999	1000
Códigos de Flujo C.I.E.																		
	71	89	97	89	100													
C.I.E.	2/2/2/2/2/2/2/2/2/1																	
D DIN 5040	B61																	
F UTE	0.89 B + 0.11 T																	
B NBN	BZ 1 / 0.6 / BZ 2 / 4 / BZ 3																	
RN	10.50002 %																	
BLF	1.0																	
	LOR																	
	100.00000 %																	
	ULOR																	
	10.50002 %																	
	DLOR																	
	89.49998 %																	
	UFF																	
	10.50002 %																	
	DFF																	
	89.49998 %																	
	FFR																	
	11.73187 %																	



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	15.26	15.26	1.53 %	1.53 %
10°	45.20	60.46	4.52 %	6.05 %
15°	73.26	133.72	7.33 %	13.37 %
20°	97.78	231.49	9.78 %	23.15 %
25°	117.17	348.66	11.72 %	34.87 %
30°	116.48	465.14	11.65 %	46.51 %
35°	84.97	550.11	8.50 %	55.01 %
40°	63.90	614.02	6.39 %	61.40 %
45°	56.59	670.60	5.66 %	67.06 %
50°	49.53	720.14	4.95 %	72.01 %
55°	41.75	761.89	4.18 %	76.19 %
60°	34.27	796.16	3.43 %	79.62 %
65°	27.87	824.02	2.79 %	82.40 %
70°	22.31	846.33	2.23 %	84.63 %
75°	17.33	863.66	1.73 %	86.37 %
80°	13.16	876.82	1.32 %	87.68 %
85°	9.77	886.59	0.98 %	88.66 %
90°	8.41	895.00	0.84 %	89.50 %
95°	8.67	903.67	0.87 %	90.37 %
100°	9.01	912.68	0.90 %	91.27 %
105°	9.21	921.89	0.92 %	92.19 %
110°	9.26	931.16	0.93 %	93.12 %
115°	9.15	940.31	0.92 %	94.03 %
120°	8.87	949.18	0.89 %	94.92 %
125°	8.40	957.58	0.84 %	95.76 %
130°	7.78	965.36	0.78 %	96.54 %
135°	7.07	972.43	0.71 %	97.24 %
140°	6.31	978.74	0.63 %	97.87 %
145°	5.52	984.26	0.55 %	98.43 %
150°	4.71	988.97	0.47 %	98.90 %
155°	3.88	992.85	0.39 %	99.29 %
160°	2.99	995.85	0.30 %	99.58 %
165°	2.10	997.94	0.21 %	99.79 %
170°	1.27	999.21	0.13 %	99.92 %
175°	0.61	999.82	0.06 %	99.98 %
180°	0.18	1000.00	0.02 %	100.00 %

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Flujo de Lámpara	1015.15 lm	Valor Máximo	649.41 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

Isolux (Suelo)

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

