

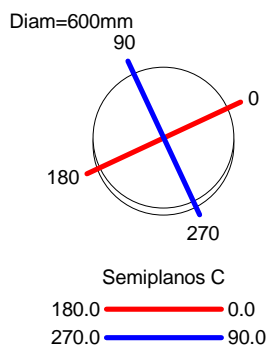
Luminaire

Code A683-003
Name JAIMA 54 BEIGE

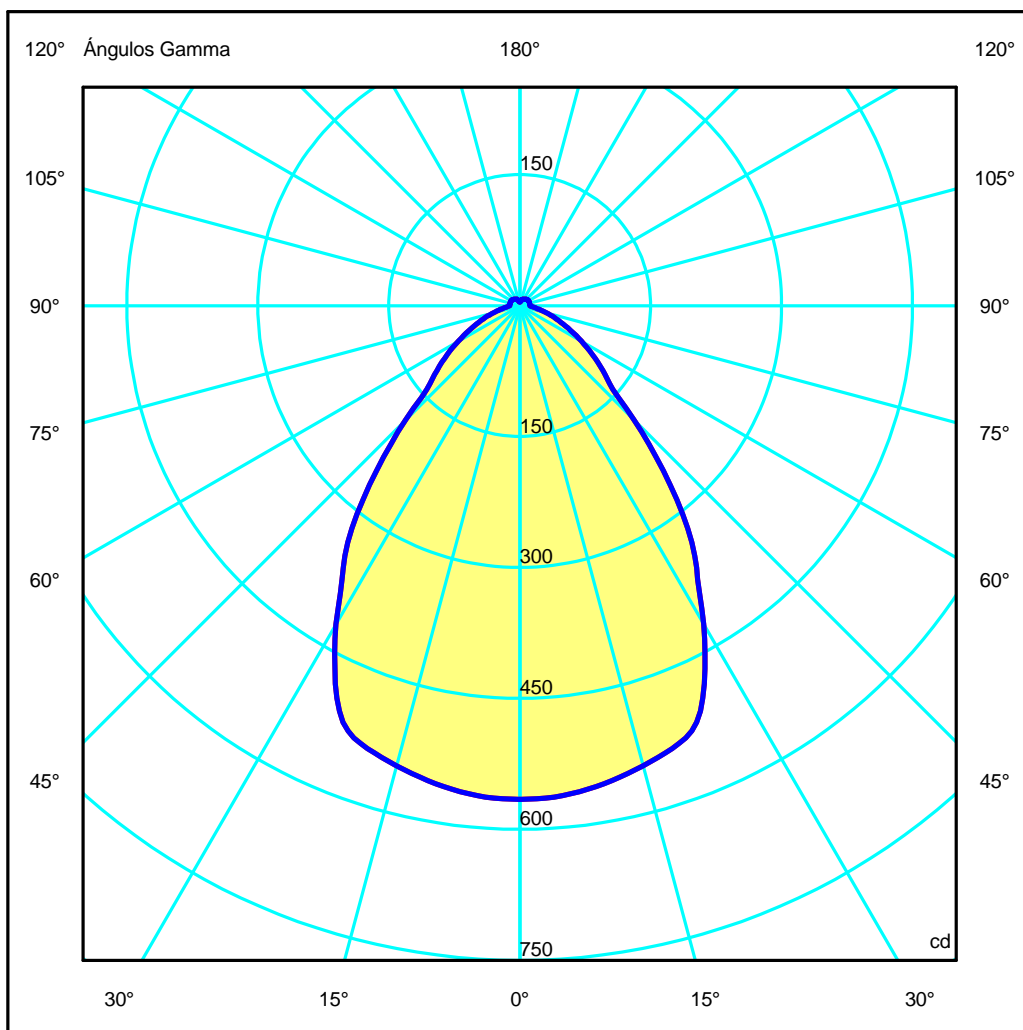
Measurem.

Code CL041A18F006G
Name JAIMA 54 BEIGE

Luminaire Flux	1062.72 lm	Luminaire Power	22.75 W	Efficacy	46.70 lm/W	Efficiency	100.00%
Lamps Flux	1062.72 lm	Maximum value	565.48 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical
Round Luminaire Round Luminous Area		Diam. Diam.	600 mm 600 mm	Height Height	660 mm 660 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°		0.282743 m2 0.396000 m2 0.396000 m2		Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°		0.396000 m2 0.396000 m2 0.452639 m2	
Coordinate system Date Measurement Distance		CG 31-08-2018 6.44		Symmetry Type Maximum Gamma Angle Measurement Flux		Double Symmetrical 180 1062.72 lm	
Operator Temperature Humidity Notes		Asselum T2 25.20 °C 65.20 % RM18072002.2; RM18072002.4		Source Voltage [V] Source current [A] Photocell		230.12 V 0.11 A Prc	
Line		Code LED	Luminaire Lamps Name LED		Flux [lm] 1062.72	Pow. [W] 22.75	Q.ty 1
C.I.E. F UTE	67 89 97 94 100 0.94 C + 0.06 T		D DIN 5040 B NBN		A51 BZ 2 / 2 / BZ 3		



ULOR 6.19 %
DLOR 93.81 %
RN 6.19 %



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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	565.48	565.48	565.48	565.48	565.48	565.48	565.48
G 2.5	565.03	564.62	564.78	565.26	564.78	564.62	565.03
G 5.0	563.31	562.60	562.97	563.83	562.97	562.60	563.31
G 7.5	560.09	559.56	559.88	561.25	559.88	559.56	560.09
G 10.0	556.12	555.83	556.12	557.18	556.12	555.83	556.12
G 12.5	550.85	551.25	551.17	552.42	551.17	551.25	550.85
G 15.0	545.71	545.55	545.20	546.93	545.20	545.55	545.71
G 17.5	539.88	540.50	539.38	541.51	539.38	540.50	539.88
G 20.0	533.68	531.08	533.09	534.17	533.09	531.08	533.68
G 22.5	522.24	510.64	522.71	515.81	522.71	510.64	522.24
G 25.0	496.11	479.45	500.15	485.48	500.15	479.45	496.11
G 27.5	459.28	439.32	467.71	450.55	467.71	439.32	459.28
G 30.0	421.05	400.27	431.78	411.60	431.78	400.27	421.05
G 32.5	380.68	363.85	387.75	368.20	387.75	363.85	380.68
G 35.0	349.57	342.69	344.03	328.59	344.03	342.69	349.57
G 37.5	311.13	321.97	299.81	292.11	299.81	321.97	311.13
G 40.0	267.98	288.55	253.98	253.70	253.98	288.55	267.98
G 42.5	224.83	248.07	211.82	215.81	211.82	248.07	224.83
G 45.0	184.91	200.54	173.19	184.78	173.19	200.54	184.91
G 47.5	148.34	161.77	148.05	157.16	148.05	161.77	148.34
G 50.0	130.79	132.96	130.11	134.14	130.11	132.96	130.79
G 52.5	117.95	119.86	117.11	117.27	117.11	119.86	117.95
G 55.0	105.17	108.72	104.96	104.56	104.96	108.72	105.17
G 57.5	92.98	95.43	91.74	92.66	91.74	95.43	92.98
G 60.0	81.33	83.60	80.23	81.19	80.23	83.60	81.33
G 62.5	71.07	72.57	69.25	70.07	69.25	72.57	71.07
G 65.0	60.70	62.64	59.74	60.08	59.74	62.64	60.70
G 67.5	52.53	54.04	51.57	51.41	51.57	54.04	52.53
G 70.0	44.42	45.58	43.61	44.23	43.61	45.58	44.42
G 72.5	37.72	38.81	37.01	37.89	37.01	38.81	37.72
G 75.0	31.48	32.09	30.98	31.73	30.98	32.09	31.48
G 77.5	25.75	26.61	25.43	26.22	25.43	26.61	25.75
G 80.0	21.11	22.00	20.83	21.19	20.83	22.00	21.11
G 82.5	17.25	18.51	16.79	17.73	16.79	18.51	17.25
G 85.0	14.61	16.11	14.11	15.25	14.11	16.11	14.61
G 87.5	12.91	13.94	12.32	13.50	12.32	13.94	12.91
G 90.0	11.65	12.34	11.31	12.33	11.31	12.34	11.65
G 92.5	11.46	11.45	11.08	11.50	11.08	11.45	11.46
G 95.0	11.48	11.32	11.14	11.40	11.14	11.32	11.48
G 97.5	11.51	11.33	11.17	11.41	11.17	11.33	11.51
G100.0	11.49	11.35	11.21	11.44	11.21	11.35	11.49
G102.5	11.46	11.36	11.22	11.42	11.22	11.36	11.46
G105.0	11.45	11.36	11.21	11.42	11.21	11.36	11.45
G107.5	11.44	11.37	11.22	11.39	11.22	11.37	11.44
G110.0	11.47	11.38	11.26	11.35	11.26	11.38	11.47
G112.5	11.48	11.40	11.28	11.32	11.28	11.40	11.48
G115.0	11.46	11.37	11.26	11.27	11.26	11.37	11.46
G117.5	11.43	11.32	11.20	11.16	11.20	11.32	11.43
G120.0	11.35	11.23	11.13	11.12	11.13	11.23	11.35
G122.5	11.26	11.13	11.06	11.04	11.06	11.13	11.26
G125.0	11.11	11.03	10.99	11.01	10.99	11.03	11.11
G127.5	10.97	10.84	10.90	10.96	10.90	10.84	10.97
G130.0	10.75	10.68	10.83	10.91	10.83	10.68	10.75
G132.5	10.49	10.47	10.73	10.85	10.73	10.47	10.49
G135.0	10.23	10.28	10.58	10.76	10.58	10.28	10.23
G137.5	9.95	10.04	10.42	10.58	10.42	10.04	9.95
G140.0	9.72	9.81	10.21	10.39	10.21	9.81	9.72
G142.5	9.49	9.60	10.00	10.17	10.00	9.60	9.49
G145.0	9.27	9.35	9.74	9.94	9.74	9.35	9.27
G147.5	9.01	9.08	9.45	9.70	9.45	9.08	9.01
G150.0	8.73	8.77	9.14	9.39	9.14	8.77	8.73
G152.5	8.37	8.44	8.77	9.00	8.77	8.44	8.37
G155.0	8.03	8.10	8.40	8.59	8.40	8.10	8.03
G157.5	7.62	7.69	7.99	8.14	7.99	7.69	7.62
G160.0	7.15	7.27	7.54	7.69	7.54	7.27	7.15
G162.5	6.70	6.78	7.09	7.27	7.09	6.78	6.70
G165.0	6.18	6.27	6.60	6.80	6.60	6.27	6.18
G167.5	5.73	5.78	6.14	6.21	6.14	5.78	5.73
G170.0	5.20	5.26	5.60	5.68	5.60	5.26	5.20
G172.5	4.62	4.76	5.01	5.17	5.01	4.76	4.62
G175.0	4.31	4.42	4.63	4.73	4.63	4.42	4.31
G177.5	4.40	4.53	4.66	4.62	4.66	4.53	4.40
G180.0	4.67	4.67	4.67	4.67	4.67	4.67	4.67

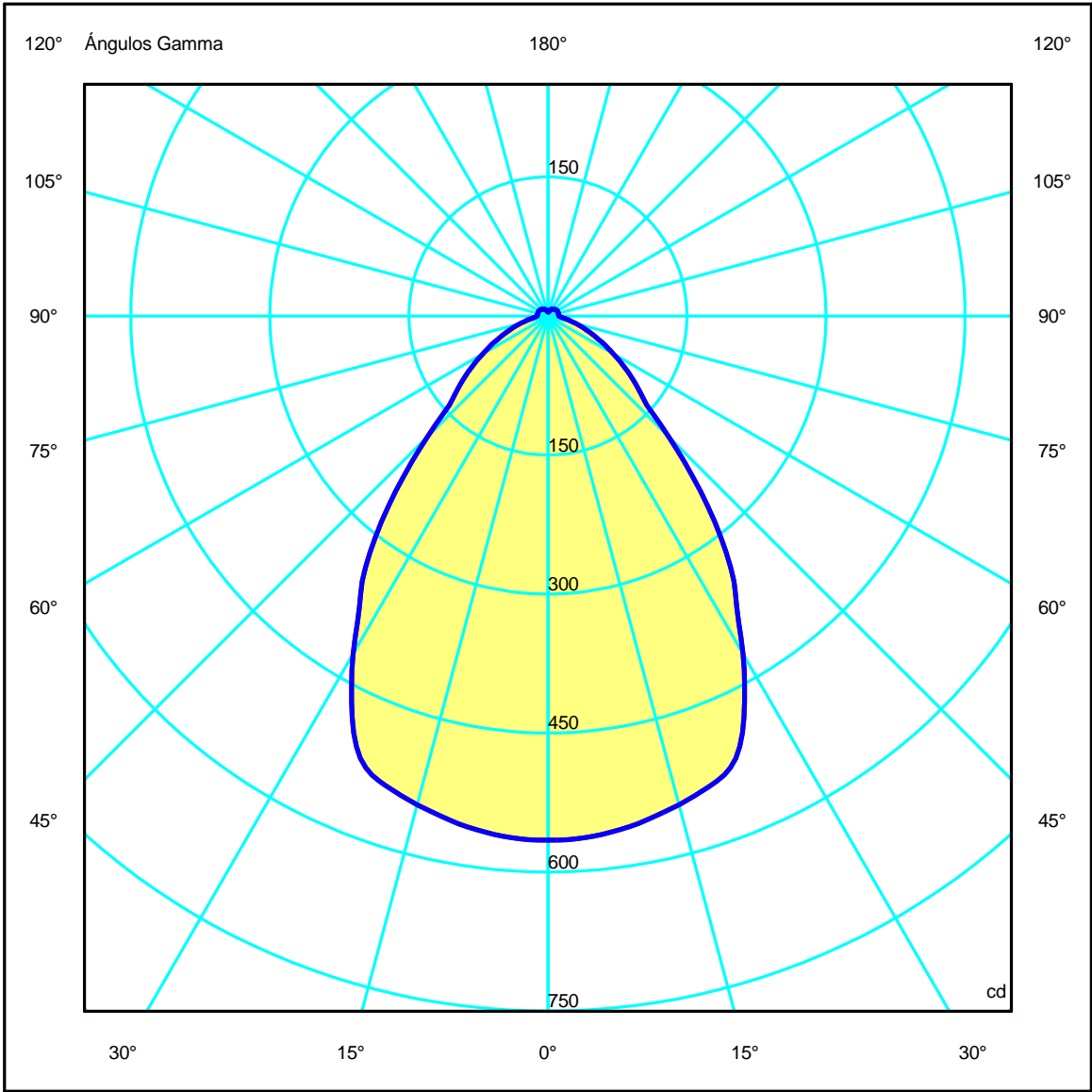
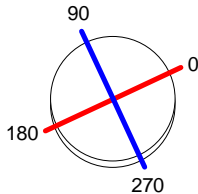
Luminaire
Code A683-003
Name JAIMA 54 BEIGE
Measur.
Code CL041A18F006G
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Diam=600mm

Semiplanos C

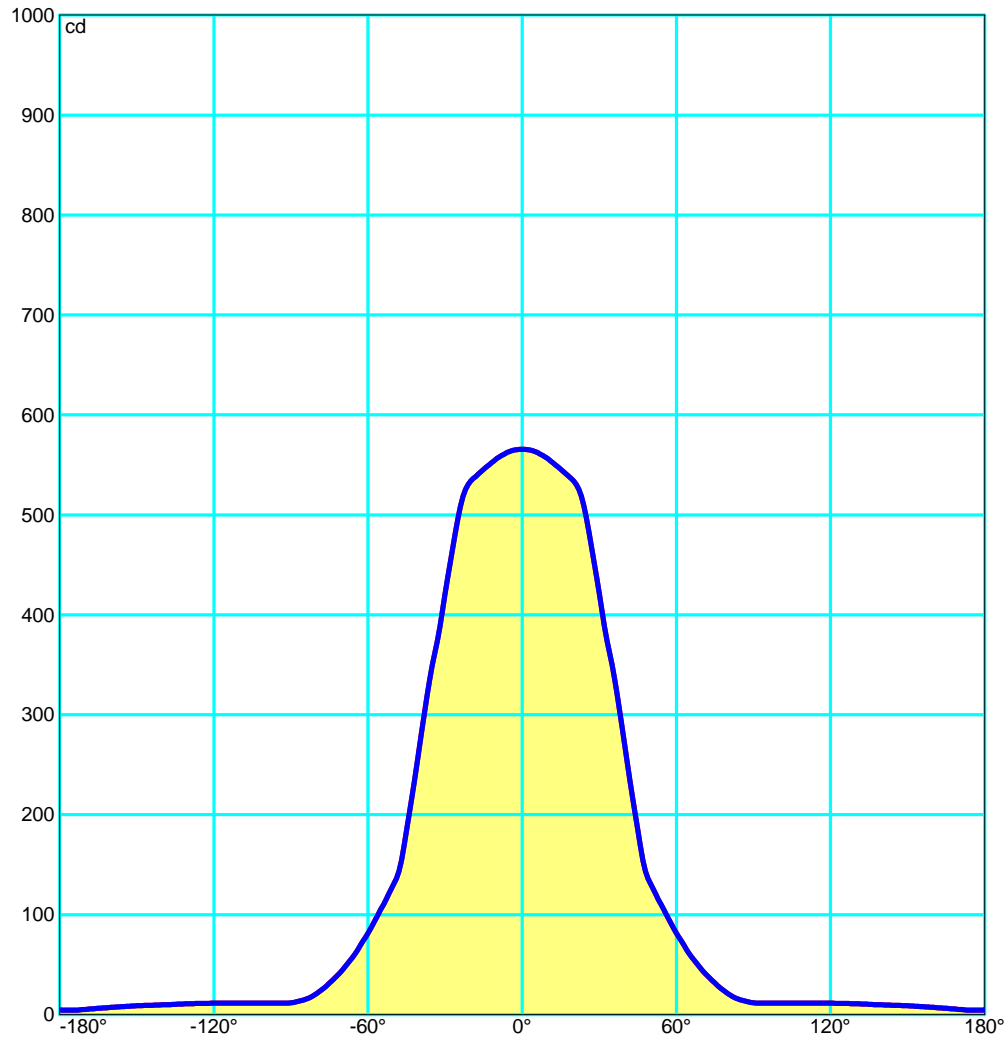
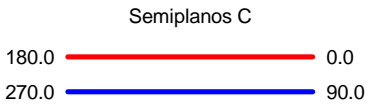
180.0 ————— 0.0
270.0 ————— 90.0



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Diam=600mm



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Lamps Flux	1062.72 lm	Maximum value	565.48 cd	Position	C=0.00 G=0.00	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
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	6.1	7.1	6.5	7.4	7.8	6.1	7.1	6.5	7.4	7.8
x=2H y=3H	6.7	7.6	7.1	7.9	8.3	6.7	7.6	7.1	7.9	8.3
x=2H y=4H	6.9	7.7	7.3	8.1	8.5	6.9	7.7	7.3	8.1	8.5
x=2H y=6H	7.0	7.8	7.4	8.1	8.6	7.0	7.8	7.4	8.1	8.6
x=2H y=8H	7.0	7.7	7.4	8.2	8.6	7.0	7.7	7.4	8.2	8.6
x=2H y=12H	7.0	7.7	7.5	8.2	8.6	7.0	7.7	7.5	8.2	8.6
x=4H y=2H	6.4	7.2	6.8	7.6	8.0	6.4	7.2	6.8	7.6	8.0
x=4H y=3H	7.0	7.7	7.5	8.2	8.6	7.0	7.7	7.5	8.2	8.6
x=4H y=4H	7.3	7.9	7.8	8.4	8.9	7.3	7.9	7.8	8.4	8.9
x=4H y=6H	7.5	8.0	8.0	8.5	9.0	7.5	8.0	8.0	8.5	9.0
x=4H y=8H	7.6	8.1	8.1	8.6	9.1	7.6	8.1	8.1	8.6	9.1
x=4H y=12H	7.6	8.1	8.2	8.6	9.1	7.6	8.1	8.2	8.6	9.1
x=8H y=4H	7.4	7.9	7.9	8.4	8.9	7.4	7.9	7.9	8.4	8.9
x=8H y=6H	7.6	8.0	8.2	8.6	9.1	7.6	8.0	8.2	8.6	9.1
x=8H y=8H	7.8	8.1	8.3	8.7	9.2	7.8	8.1	8.3	8.7	9.2
x=8H y=12H	7.9	8.2	8.5	8.7	9.4	7.9	8.2	8.5	8.7	9.4
x=12H y=4H	7.4	7.8	7.9	8.3	8.9	7.4	7.8	7.9	8.3	8.9
x=12H y=6H	7.6	8.0	8.2	8.5	9.1	7.6	8.0	8.2	8.5	9.1
x=12H y=8H	7.8	8.1	8.4	8.6	9.3	7.8	8.1	8.4	8.6	9.3

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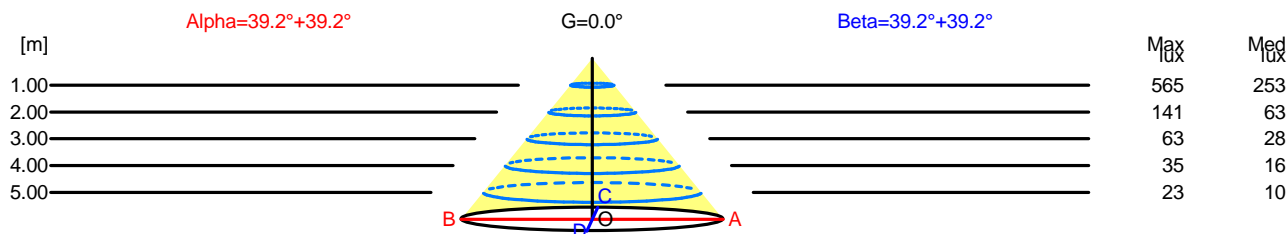
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Width at 50.00 % of Max Intensity

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	0.81	1.63	2.44	3.26	4.07	OC	0.81	1.63	2.44	3.26	4.07
OB	0.81	1.63	2.44	3.26	4.07	OD	0.81	1.63	2.44	3.26	4.07

Luminous Intensities [cd]

	0	5	15	25	35	45	55	65	75	85
OA	565.48	563.31	545.71	496.11	349.57	184.91	105.17	60.70	31.48	14.61
OB	565.48	563.31	545.71	496.11	349.57	184.91	105.17	60.70	31.48	14.61
OC	565.48	563.31	545.71	496.11	349.57	184.91	105.17	60.70	31.48	14.61
OD	565.48	563.31	545.71	496.11	349.57	184.91	105.17	60.70	31.48	14.61



H[m]	D[m]	Max lux	Med lux	Alpha=39.2°+39.2°	G=0.0
1.00	1.63	565	253		
2.00	3.26	141	63		
3.00	4.89	63	28		
4.00	6.51	35	16		
5.00	8.14	23	10		

H[m]	D[m]	Max lux	Med lux	Beta=39.2°+39.2°	G=0.0
1.00	1.63	565	253		
2.00	3.26	141	63		
3.00	4.89	63	28		
4.00	6.51	35	16		
5.00	8.14	23	10		

Luminaire

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Measurment

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Flujo Total=1062.72 Flujo Luminaria=1062.72

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	0.46	0.54	0.60	0.66	0.71	0.78	0.82	0.85	0.89	0.91	0.95	0.98
RC	2	2	2	2	2	2	2	2	2	2	2	2

Flujo Zonal por 1000 Lúmenes

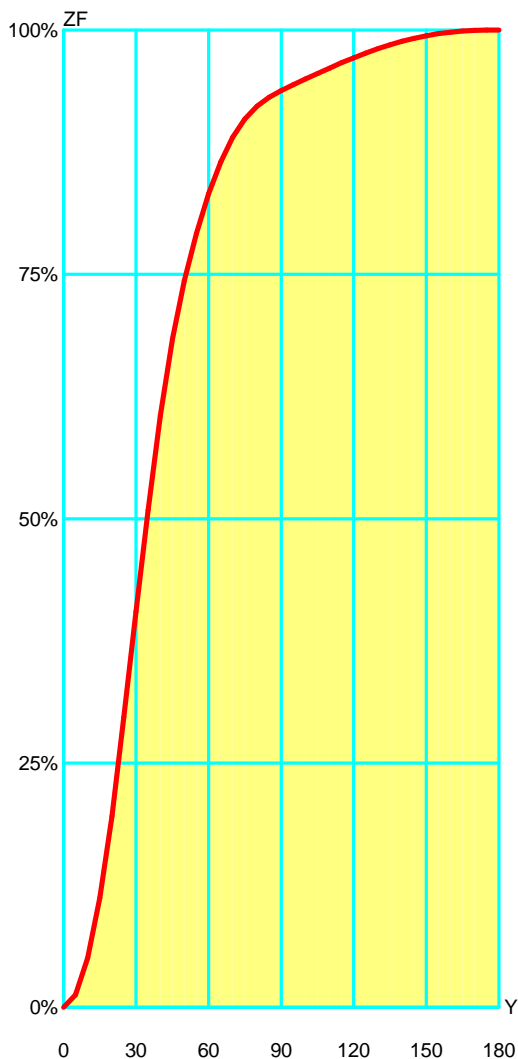
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	50	196	405	605	744	833	890	922	938	950	961	972	981	989	994	998	1000	1000

Códigos de Flujo C.I.E.

67 89 97 94 100

C.I.E. 2
D DIN 5040 A51
F UTE 0.94 C + 0.06 T
B NBN BZ 2 / 2 / BZ 3
RN 6.19012 %
BLF 1.0

LOR 100.00000 %
ULOR 6.19012 %
DLOR 93.80988 %
UFF 6.19012 %
DFF 93.80988 %
FFR 6.59858 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	12.69	12.69	1.27 %	1.27 %
10°	37.67	50.37	3.77 %	5.04 %
15°	61.50	111.87	6.15 %	11.19 %
20°	83.67	195.54	8.37 %	19.55 %
25°	101.43	296.97	10.14 %	29.70 %
30°	107.84	404.80	10.78 %	40.48 %
35°	104.35	509.16	10.44 %	50.92 %
40°	96.02	605.18	9.60 %	60.52 %
45°	78.88	684.06	7.89 %	68.41 %
50°	59.45	743.51	5.94 %	74.35 %
55°	48.49	792.00	4.85 %	79.20 %
60°	40.70	832.69	4.07 %	83.27 %
65°	32.48	865.17	3.25 %	86.52 %
70°	25.06	890.23	2.51 %	89.02 %
75°	18.66	908.89	1.87 %	90.89 %
80°	13.20	922.09	1.32 %	92.21 %
85°	9.15	931.24	0.91 %	93.12 %
90°	6.86	938.10	0.69 %	93.81 %
95°	5.91	944.01	0.59 %	94.40 %
100°	5.79	949.80	0.58 %	94.98 %
105°	5.71	955.51	0.57 %	95.55 %
110°	5.58	961.08	0.56 %	96.11 %
115°	5.41	966.49	0.54 %	96.65 %
120°	5.16	971.65	0.52 %	97.16 %
125°	4.83	976.48	0.48 %	97.65 %
130°	4.46	980.94	0.45 %	98.09 %
135°	4.04	984.98	0.40 %	98.50 %
140°	3.57	988.55	0.36 %	98.86 %
145°	3.08	991.63	0.31 %	99.16 %
150°	2.58	994.21	0.26 %	99.42 %
155°	2.06	996.26	0.21 %	99.63 %
160°	1.55	997.82	0.16 %	99.78 %
165°	1.08	998.90	0.11 %	99.89 %
170°	0.67	999.56	0.07 %	99.96 %
175°	0.33	999.90	0.03 %	99.99 %
180°	0.10	1000.00	0.01 %	100.00 %

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Isolux (Floor)

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

