

## Luminaire

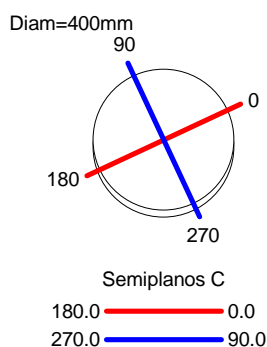
Code A683-002  
Name JAIMA 43 BEIGE

## Measurem.

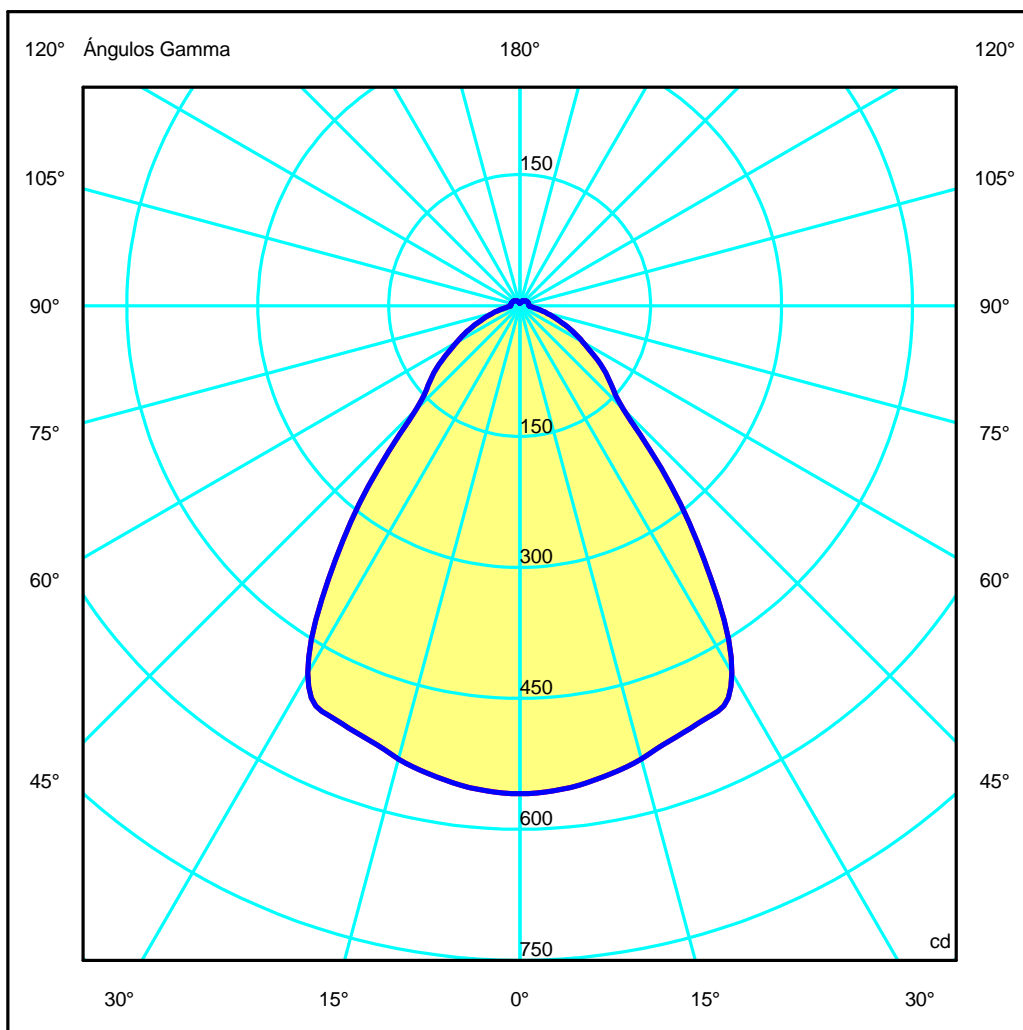
Code CL041A18F004G  
Name JAIMA 43 BEIGE

Luminaire Flux	1086.54 lm	Luminaire Power	22.77 W	Efficacy	47.72 lm/W	Efficiency	100.00%
Lamps Flux	1086.54 lm	Maximum value	559.04 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical
Round Luminaire Round Luminous Area		Diam. Diam.	400 mm 400 mm	Height Height	520 mm 520 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°		0.125664 m2 0.208000 m2 0.208000 m2		Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°		0.208000 m2 0.208000 m2 0.232222 m2	
Coordinate system Date Measurement Distance		CG 30-08-2018 6.44		Symmetry Type Maximum Gamma Angle Measurement Flux		Double Symmetrical 180 1086.54 lm	
Operator Temperature Humidity Notes		Asselum T2 24.80 °C 57.50 % RM18072002.1; RM18072002.4		Source Voltage [V] Source current [A] Photocell		230.20 V 0.11 A Prc	

Line	Code LED	Luminaire Lamps Name LED	Flux [lm] 1086.54	Pow. [W] 22.77	Q.ty 1
C.I.E. F UTE	69 89 97 95 100 0.95 C + 0.05 T	D DIN 5040 B NBN	A51 BZ 2 / 2.5 / BZ 3		



ULOR 4.98 %  
DLOR 95.02 %  
RN 4.98 %



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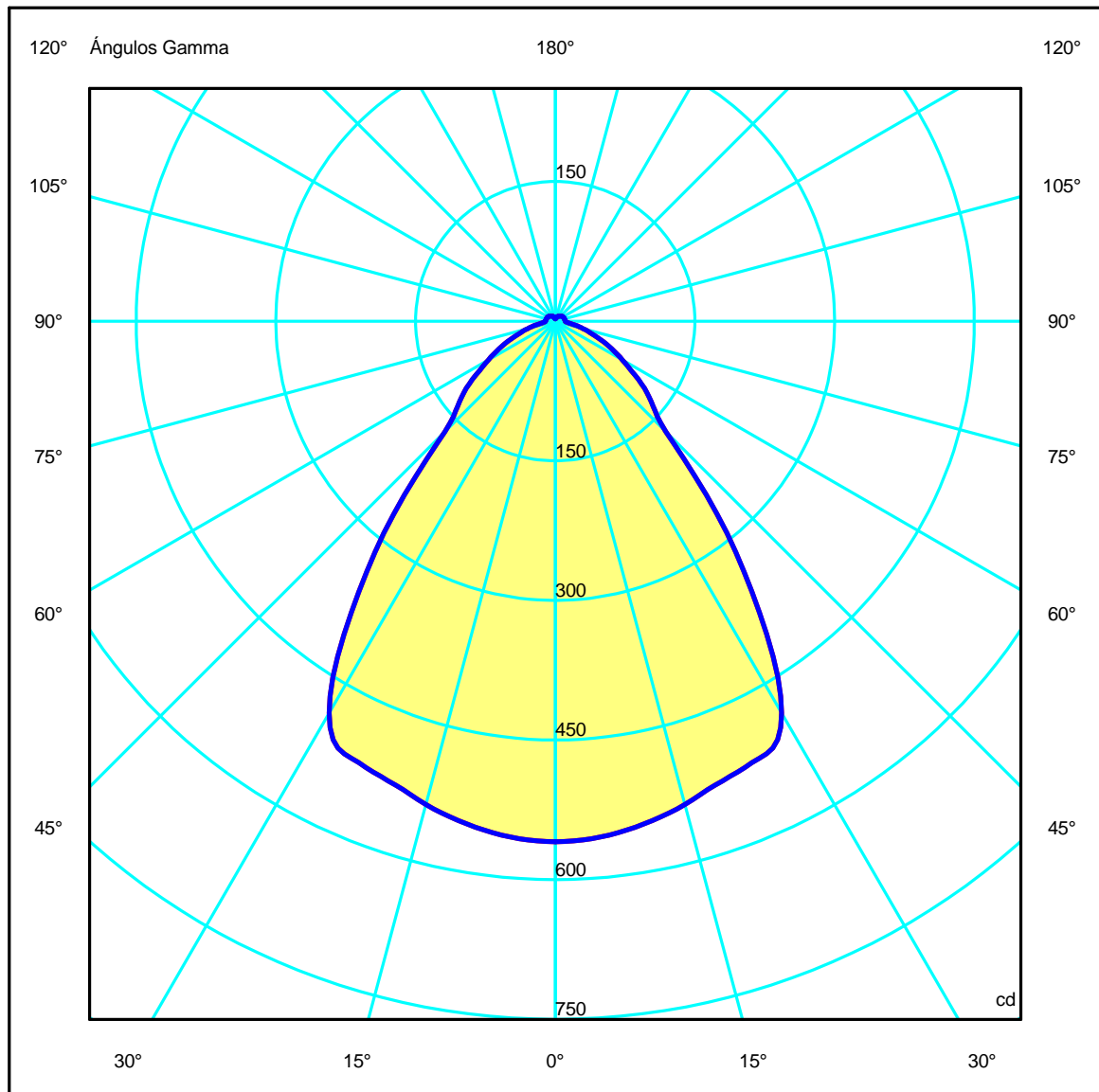
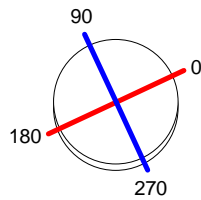
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Lamps Flux	1086.54 lm	Maximum value	559.04 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

**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	559.04	559.04	559.04	559.04	559.04	559.04	559.04
G 2.5	558.28	558.47	558.43	558.10	558.43	558.47	558.28
G 5.0	556.11	556.46	556.53	556.28	556.53	556.46	556.11
G 7.5	552.80	553.38	553.09	553.69	553.09	553.38	552.80
G 10.0	548.18	549.44	549.15	549.69	549.15	549.44	548.18
G 12.5	543.28	544.78	544.25	544.92	544.25	544.78	543.28
G 15.0	537.51	539.32	538.90	538.77	538.90	539.32	537.51
G 17.5	530.39	532.83	533.03	533.45	533.03	532.83	530.39
G 20.0	525.29	527.05	527.20	528.81	527.20	527.05	525.29
G 22.5	521.35	522.84	523.10	524.15	523.10	522.84	521.35
G 25.0	517.95	517.65	519.41	517.65	519.41	517.65	517.95
G 27.5	512.23	507.30	510.87	505.45	510.87	507.30	512.23
G 30.0	485.83	483.32	488.68	480.38	488.68	483.32	485.83
G 32.5	440.58	437.22	441.21	444.11	441.21	437.22	440.58
G 35.0	381.94	384.57	387.72	391.43	387.72	384.57	381.94
G 37.5	325.78	329.77	331.43	336.56	331.43	329.77	325.78
G 40.0	270.28	274.30	276.00	274.96	276.00	274.30	270.28
G 42.5	212.87	218.85	218.89	225.99	218.89	218.85	212.87
G 45.0	167.76	175.59	173.09	185.77	173.09	175.59	167.76
G 47.5	146.83	149.42	147.53	153.32	147.53	149.42	146.83
G 50.0	134.26	134.98	133.82	134.70	133.82	134.98	134.26
G 52.5	122.31	122.91	121.69	119.69	121.69	122.91	122.31
G 55.0	108.74	109.28	108.07	108.12	108.07	109.28	108.74
G 57.5	94.50	95.85	94.98	96.89	94.98	95.85	94.50
G 60.0	83.26	84.57	83.87	84.07	83.87	84.57	83.26
G 62.5	73.33	74.04	73.79	73.28	73.79	74.04	73.33
G 65.0	63.55	63.97	64.05	62.84	64.05	63.97	63.55
G 67.5	54.07	53.94	53.82	54.34	53.82	53.94	54.07
G 70.0	44.75	45.05	45.09	46.53	45.09	45.05	44.75
G 72.5	37.44	37.62	37.76	37.76	37.76	37.62	37.44
G 75.0	30.86	30.69	31.01	30.94	31.01	30.69	30.86
G 77.5	25.06	24.04	24.88	23.95	24.88	24.04	25.06
G 80.0	19.70	18.77	19.11	19.06	19.11	18.77	19.70
G 82.5	15.24	14.32	15.20	14.94	15.20	14.32	15.24
G 85.0	12.53	11.68	12.43	11.65	12.43	11.68	12.53
G 87.5	11.11	10.60	11.05	10.53	11.05	10.60	11.11
G 90.0	10.58	10.53	10.54	10.44	10.54	10.53	10.58
G 92.5	10.54	10.51	10.53	10.44	10.53	10.51	10.54
G 95.0	10.48	10.45	10.50	10.39	10.50	10.45	10.48
G 97.5	10.40	10.38	10.45	10.33	10.45	10.38	10.40
G100.0	10.30	10.28	10.37	10.21	10.37	10.28	10.30
G102.5	10.17	10.17	10.25	10.09	10.25	10.17	10.17
G105.0	10.06	10.04	10.11	9.92	10.11	10.04	10.06
G107.5	9.93	9.92	9.95	9.74	9.95	9.92	9.93
G110.0	9.80	9.80	9.81	9.52	9.81	9.80	9.80
G112.5	9.71	9.69	9.66	9.30	9.66	9.69	9.71
G115.0	9.57	9.55	9.48	9.14	9.48	9.55	9.57
G117.5	9.47	9.41	9.28	9.00	9.28	9.41	9.47
G120.0	9.33	9.27	9.12	8.84	9.12	9.27	9.33
G122.5	9.17	9.13	8.95	8.72	8.95	9.13	9.17
G125.0	8.99	8.95	8.79	8.59	8.79	8.95	8.99
G127.5	8.75	8.72	8.60	8.46	8.60	8.72	8.75
G130.0	8.48	8.43	8.36	8.34	8.36	8.43	8.48
G132.5	8.22	8.20	8.15	8.17	8.15	8.20	8.22
G135.0	7.97	7.94	7.97	8.00	7.97	7.94	7.97
G137.5	7.71	7.65	7.75	7.79	7.75	7.65	7.71
G140.0	7.39	7.38	7.53	7.63	7.53	7.38	7.39
G142.5	7.08	7.10	7.24	7.41	7.24	7.10	7.08
G145.0	6.82	6.83	6.99	7.16	6.99	6.83	6.82
G147.5	6.55	6.57	6.73	6.93	6.73	6.57	6.55
G150.0	6.26	6.29	6.45	6.61	6.45	6.29	6.26
G152.5	5.92	5.96	6.14	6.29	6.14	5.96	5.92
G155.0	5.52	5.62	5.78	5.99	5.78	5.62	5.52
G157.5	5.17	5.27	5.44	5.63	5.44	5.27	5.17
G160.0	4.82	4.91	5.09	5.30	5.09	4.91	4.82
G162.5	4.43	4.55	4.74	4.90	4.74	4.55	4.43
G165.0	4.09	4.17	4.35	4.55	4.35	4.17	4.09
G167.5	3.74	3.80	3.97	4.18	3.97	3.80	3.74
G170.0	3.42	3.46	3.59	3.72	3.59	3.46	3.42
G172.5	3.08	3.12	3.22	3.29	3.22	3.12	3.08
G175.0	2.79	2.77	2.89	2.87	2.89	2.77	2.79
G177.5	2.63	2.61	2.73	2.65	2.73	2.61	2.63
G180.0	2.65	2.65	2.65	2.65	2.65	2.65	2.65

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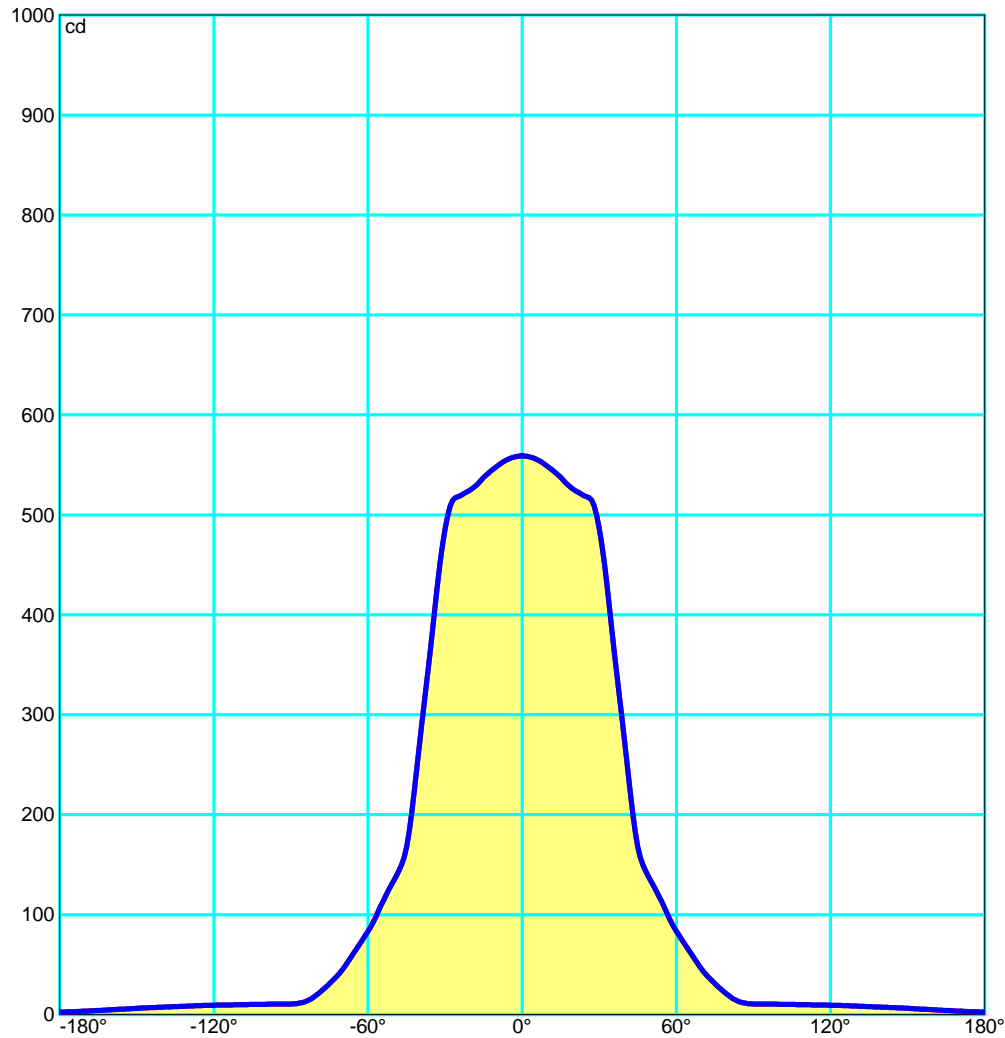
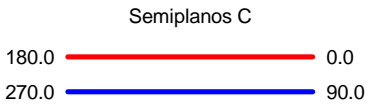
LITESTAR (c)OxyTech Srl [www.oxytech.it](http://www.oxytech.it)



**Luminaire**  
Code A683-002  
Name JAIMA 43 BEIGE  
**Measurem.**  
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Luminaire Flux	1086.54 lm	Luminaire Power	22.77 W	Efficacy	47.72 lm/W	Efficiency	100.00%
Lamps Flux	1086.54 lm	Maximum value	559.04 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=400mm



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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
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	8.8	9.8	9.1	10.1	10.4	8.8	9.8	9.1	10.1	10.4
x=2H y=3H	9.3	10.1	9.6	10.5	10.8	9.3	10.1	9.6	10.5	10.8
x=2H y=4H	9.4	10.2	9.8	10.6	11.0	9.4	10.2	9.8	10.6	11.0
x=2H y=6H	9.5	10.3	9.9	10.6	11.0	9.5	10.3	9.9	10.6	11.0
x=2H y=8H	9.5	10.2	9.9	10.6	11.0	9.5	10.2	9.9	10.6	11.0
x=2H y=12H	9.5	10.2	9.9	10.6	11.0	9.5	10.2	9.9	10.6	11.0
x=4H y=2H	9.0	9.8	9.4	10.2	10.6	9.0	9.8	9.4	10.2	10.6
x=4H y=3H	9.6	10.3	10.1	10.7	11.2	9.6	10.3	10.1	10.7	11.2
x=4H y=4H	9.9	10.5	10.3	10.9	11.4	9.9	10.5	10.3	10.9	11.4
x=4H y=6H	10.0	10.5	10.5	11.0	11.5	10.0	10.5	10.5	11.0	11.5
x=4H y=8H	10.0	10.5	10.5	11.0	11.5	10.0	10.5	10.5	11.0	11.5
x=4H y=12H	10.0	10.5	10.5	11.0	11.5	10.0	10.5	10.5	11.0	11.5
x=8H y=4H	9.9	10.4	10.4	10.9	11.4	9.9	10.4	10.4	10.9	11.4
x=8H y=6H	10.1	10.5	10.6	11.0	11.6	10.1	10.5	10.6	11.0	11.6
x=8H y=8H	10.2	10.5	10.7	11.0	11.6	10.2	10.5	10.7	11.0	11.6
x=8H y=12H	10.2	10.5	10.8	11.0	11.6	10.2	10.5	10.8	11.0	11.6
x=12H y=4H	9.9	10.3	10.4	10.8	11.4	9.9	10.3	10.4	10.8	11.4
x=12H y=6H	10.1	10.4	10.6	11.0	11.5	10.1	10.4	10.6	11.0	11.5
x=12H y=8H	10.2	10.5	10.7	11.0	11.6	10.2	10.5	10.7	11.0	11.6

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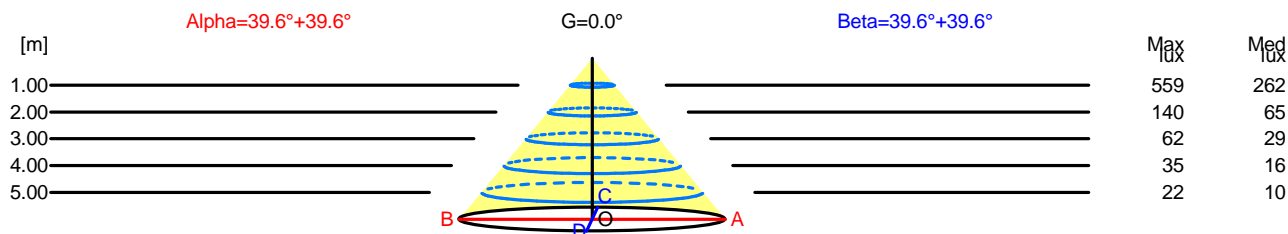
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Width at 50.00 % of Max Intensity

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	0.83	1.65	2.48	3.31	4.13	OC	0.83	1.65	2.48	3.31	4.13
OB	0.83	1.65	2.48	3.31	4.13	OD	0.83	1.65	2.48	3.31	4.13

Luminous Intensities [ cd]

	0	5	15	25	35	45	55	65	75	85
OA	559.04	556.11	537.51	517.95	381.94	167.76	108.74	63.55	30.86	12.53
OB	559.04	556.11	537.51	517.95	381.94	167.76	108.74	63.55	30.86	12.53
OC	559.04	556.11	537.51	517.95	381.94	167.76	108.74	63.55	30.86	12.53
OD	559.04	556.11	537.51	517.95	381.94	167.76	108.74	63.55	30.86	12.53



H[m]	D[m]	Max lux	Med lux	Alpha=39.6°+39.6°	G=0.0	
1.00	1.65	559	262			
2.00	3.31	140	65			
3.00	4.96	62	29			
4.00	6.62	35	16			
5.00	8.27	22	10			

H[m]	D[m]	Max lux	Med lux	Beta=39.6°+39.6°	G=0.0	
1.00	1.65	559	262			
2.00	3.31	140	65			
3.00	4.96	62	29			
4.00	6.62	35	16			
5.00	8.27	22	10			

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## Measurment

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Flujo Total=1086.54 Flujo Luminaria=1086.54

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	0.48	0.55	0.61	0.67	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)	49	189	407	627	759	848	907	937	950	961	971	979	986	992	996	999	1000	1000

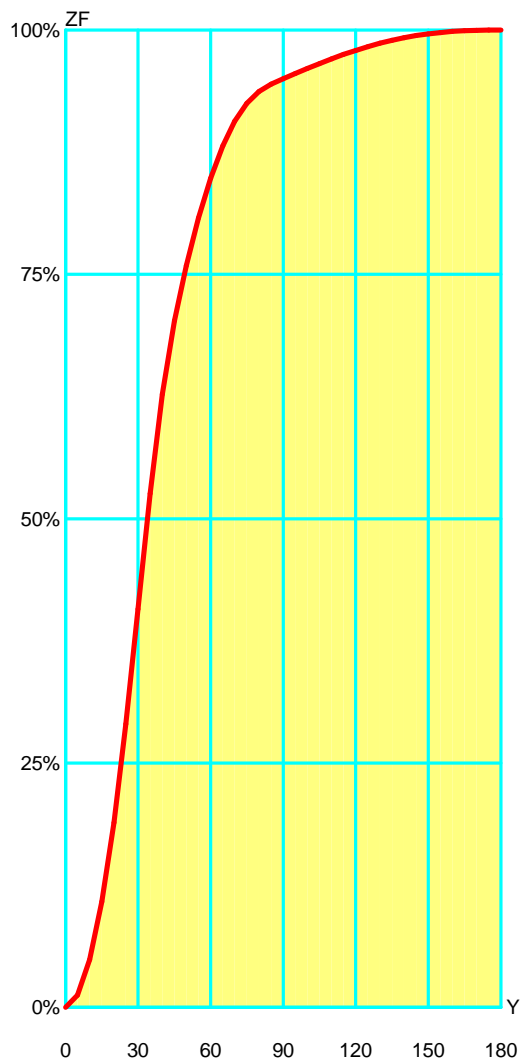
Códigos de Flujo C.I.E.

69 89 97 95 100

C.I.E.  
D DIN 5040  
F UTE  
B NBN  
RN  
BLF

2/2/2/2/2/2/2/2/2/1  
A51  
0.95 C + 0.05 T  
BZ 2 / 2.5 / BZ 3  
4.97573 %  
1.0

LOR 100.00000 %  
ULOR 4.97573 %  
DLOR 95.02427 %  
UFF 4.97573 %  
DFF 95.02427 %  
FFR 5.23628 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	12.27	12.27	1.23 %	1.23 %
10°	36.40	48.67	3.64 %	4.87 %
15°	59.39	108.06	5.94 %	10.81 %
20°	80.79	188.85	8.08 %	18.88 %
25°	100.91	289.75	10.09 %	28.98 %
30°	117.63	407.39	11.76 %	40.74 %
35°	118.49	525.87	11.85 %	52.59 %
40°	101.27	627.14	10.13 %	62.71 %
45°	75.42	702.57	7.54 %	70.26 %
50°	56.42	758.99	5.64 %	75.90 %
55°	48.66	807.65	4.87 %	80.76 %
60°	40.77	848.42	4.08 %	84.84 %
65°	33.00	881.42	3.30 %	88.14 %
70°	25.26	906.68	2.53 %	90.67 %
75°	18.20	924.89	1.82 %	92.49 %
80°	12.17	937.06	1.22 %	93.71 %
85°	7.61	944.67	0.76 %	94.47 %
90°	5.57	950.24	0.56 %	95.02 %
95°	5.29	955.54	0.53 %	95.55 %
100°	5.20	960.73	0.52 %	96.07 %
105°	5.01	965.75	0.50 %	96.57 %
110°	4.76	970.51	0.48 %	97.05 %
115°	4.48	974.99	0.45 %	97.50 %
120°	4.17	979.16	0.42 %	97.92 %
125°	3.83	982.99	0.38 %	98.30 %
130°	3.46	986.44	0.35 %	98.64 %
135°	3.04	989.49	0.30 %	98.95 %
140°	2.63	992.12	0.26 %	99.21 %
145°	2.21	994.33	0.22 %	99.43 %
150°	1.81	996.14	0.18 %	99.61 %
155°	1.41	997.55	0.14 %	99.76 %
160°	1.04	998.59	0.10 %	99.86 %
165°	0.71	999.30	0.07 %	99.93 %
170°	0.43	999.73	0.04 %	99.97 %
175°	0.21	999.94	0.02 %	99.99 %
180°	0.06	1000.00	0.01 %	100.00 %

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Isolux (Floor)

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

