

Luminaria

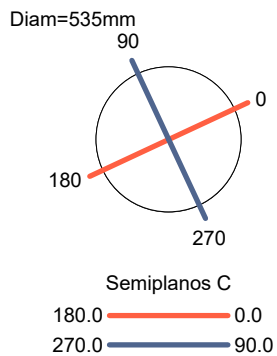
Código 1825
Nombre ARRAY PENDANT

Ensayo

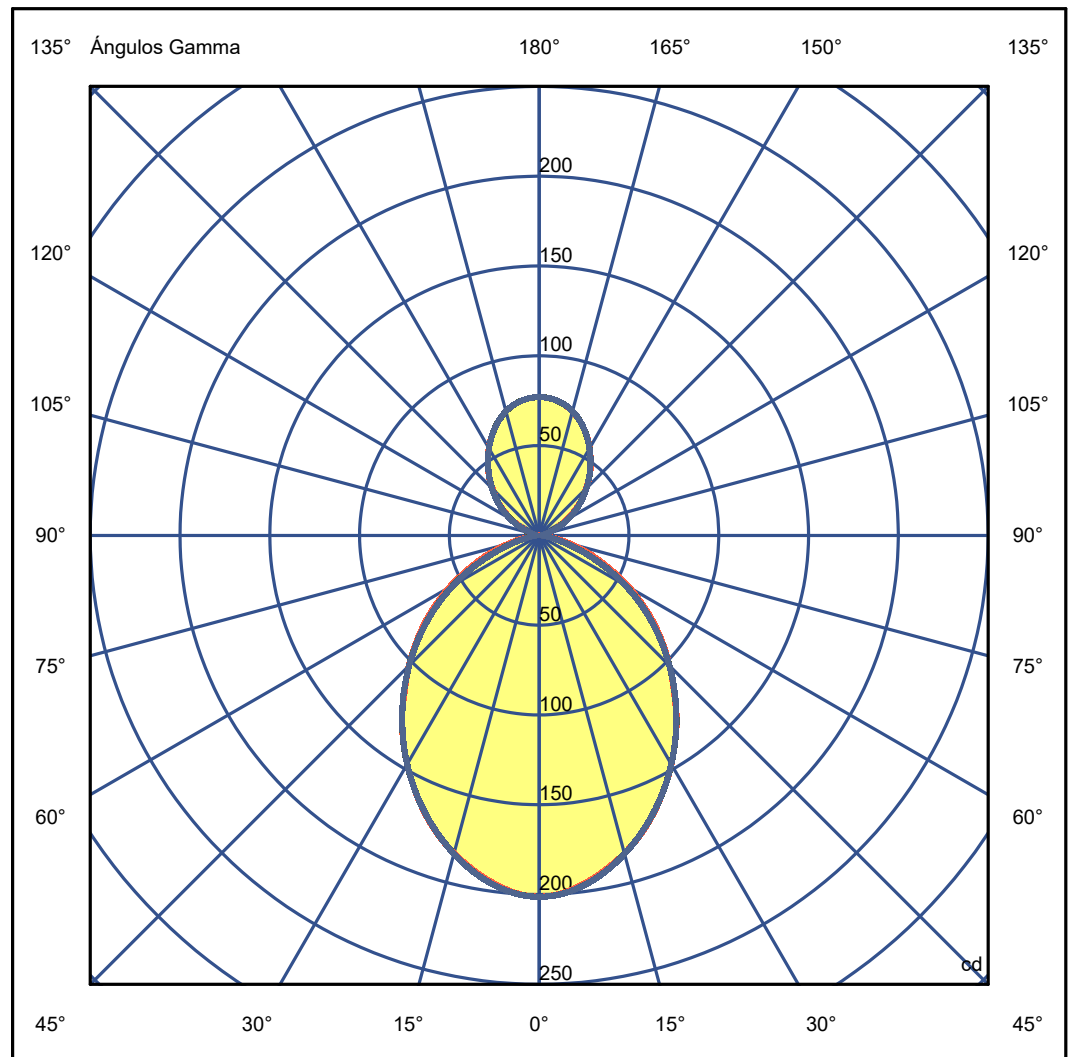
Código CL252A23F002GE4
Nombre ARRAY PENDANT

Flujo Luminaria	593 lm	Potencia Luminaria	22.0 W	Eficacia	26.935 lm/W	Eficiencia	100.00%
Flujo Fuente	593 lm	Valor Máximo	201.28 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico
Luminaria Redonda		Diam.	535 mm	Altura	1 mm		
Área Luminosa Redonda		Diam.	535 mm	Altura	0 mm		
Área Luminosa Horizontal		0.224801 m2		Área Emisión sobre Pl. 180°		0.000000 m2	
Área Emisión sobre Pl. 0°		0.000000 m2		Área Emisión sobre Pl. 270°		0.000000 m2	
Área Emisión sobre Pl. 90°		0.000000 m2		Área de deslumbramiento a 76°		0.054384 m2	
Sist. de Coord.		CG		Tipo de Simetría		Bisimétrico	
Fecha		23-10-2023		Máximo Ángulo Gamma		180	
Distancia de Ensayo		0.00		Flujo de Ensayo		593 lm	
Operador				Tensión Nominal			
Temperatura				Corriente Nominal			
Humedad				Fotocélula			
Notas							

Fuentes de luz de la Luminaria					
Familia	Código	Nombre	Flujo [lm]	Pot. [W]	Cant.
	x1.65 metros	5753763 =33WLED	592.57	22.00	1
C.I.E.	55 85 97 74 100	D DIN 5040	B41		
F UTE	0.74 D + 0.26 T	B NBN	BZ 3		



ULOR 26.40 %
DLOR 73.60 %
RN 26.40 %



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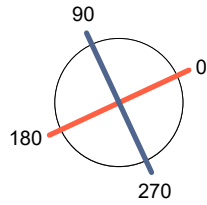
Tabla de Intensidad Luminosa cd Tabla 1/1

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	201.28	201.28	201.28	201.28	201.28	201.28	201.28
G 2.5	200.43	200.43	200.46	200.51	200.58	200.63	200.67
G 5.0	198.38	198.40	198.48	198.59	198.71	198.84	198.92
G 7.5	195.30	195.35	195.51	195.75	195.94	196.08	196.19
G 10.0	191.78	191.82	191.96	192.20	192.44	192.53	192.62
G 12.5	187.65	187.70	187.89	188.14	188.37	188.36	188.35
G 15.0	183.33	183.36	183.42	183.59	183.82	183.67	183.54
G 17.5	178.39	178.49	178.67	178.67	178.74	178.56	178.31
G 20.0	172.93	173.00	173.32	173.38	173.20	173.04	172.70
G 22.5	167.02	167.13	167.34	167.61	167.31	167.13	166.75
G 25.0	160.52	160.77	161.09	161.32	161.07	160.83	160.48
G 27.5	153.93	154.15	154.55	154.51	154.42	154.19	153.92
G 30.0	147.15	147.42	147.70	147.51	147.42	147.27	147.11
G 32.5	140.07	140.47	140.73	140.46	140.22	140.14	140.06
G 35.0	132.98	133.32	133.53	133.18	132.93	132.86	132.81
G 37.5	125.54	126.08	126.29	125.80	125.55	125.46	125.39
G 40.0	117.24	118.85	118.89	118.43	118.05	117.94	117.84
G 42.5	109.84	110.66	111.48	110.99	110.49	110.31	110.18
G 45.0	102.60	101.26	104.07	103.50	102.91	102.60	102.46
G 47.5	95.17	92.69	96.56	96.00	95.32	94.85	94.69
G 50.0	87.89	84.94	89.13	88.49	87.71	87.07	86.88
G 52.5	80.50	77.30	81.89	80.92	80.07	79.27	79.01
G 55.0	72.89	69.35	73.96	73.31	72.41	71.46	71.08
G 57.5	65.22	61.41	65.47	65.76	64.74	63.60	63.07
G 60.0	57.68	55.47	57.89	58.27	57.06	55.69	54.98
G 62.5	49.99	49.43	51.32	50.85	49.39	47.71	46.84
G 65.0	42.60	42.50	45.09	43.52	41.74	39.80	38.84
G 67.5	35.74	36.07	38.45	36.41	34.27	32.20	31.21
G 70.0	29.71	30.54	31.72	29.60	27.20	25.13	24.17
G 72.5	23.17	25.58	25.53	23.23	20.77	18.82	17.97
G 75.0	17.51	20.59	19.96	17.48	15.20	13.53	12.83
G 77.5	13.00	15.52	14.75	12.52	10.69	9.43	8.90
G 80.0	8.46	10.60	10.02	8.57	7.33	6.44	6.06
G 82.5	4.88	6.67	6.25	5.71	4.93	4.34	4.08
G 85.0	2.86	4.36	3.95	3.73	3.27	2.92	2.76
G 87.5	1.63	2.96	2.57	2.41	2.15	1.97	1.88
G 90.0	1.68	1.93	1.76	1.53	1.35	1.27	1.24
G 92.5	0.54	1.56	1.54	1.41	1.29	1.27	1.40
G 95.0	0.60	1.46	1.56	1.52	1.39	1.37	1.63
G 97.5	1.11	1.52	1.91	1.87	1.66	1.62	1.95
G100.0	2.15	2.00	2.63	2.48	2.16	2.08	2.40
G102.5	3.47	2.95	3.64	3.37	2.93	2.81	3.01
G105.0	4.66	4.04	4.80	4.56	4.16	3.91	3.84
G107.5	6.12	5.22	6.15	6.05	5.84	5.64	5.58
G110.0	7.79	7.00	7.91	7.87	7.87	7.79	7.76
G112.5	9.80	9.05	10.10	10.04	10.23	10.27	10.29
G115.0	12.15	11.34	12.52	12.54	12.85	13.00	13.06
G117.5	14.88	13.77	15.05	15.31	15.67	15.89	16.00
G120.0	17.96	16.39	17.80	18.30	18.64	18.87	19.01
G122.5	20.96	19.33	20.93	21.46	21.70	21.88	22.01
G125.0	24.27	22.55	24.44	24.69	24.81	24.91	25.01
G127.5	27.55	26.11	27.97	27.92	27.94	27.95	28.01
G130.0	30.77	29.56	31.22	31.12	31.08	31.00	31.03
G132.5	33.85	32.88	34.35	34.28	34.20	34.08	34.08
G135.0	36.87	36.44	37.51	37.41	37.32	37.19	37.16
G137.5	40.38	40.39	40.61	40.53	40.45	40.32	40.29
G140.0	43.70	43.72	43.79	43.65	43.58	43.47	43.44
G142.5	46.89	46.80	46.94	46.78	46.72	46.63	46.61
G145.0	49.90	49.99	50.02	49.93	49.87	49.79	49.77
G147.5	53.04	53.13	53.07	53.06	53.00	52.92	52.90
G150.0	56.14	56.13	56.21	56.13	56.09	56.00	55.99
G152.5	59.07	59.10	59.19	59.12	59.08	59.02	59.01
G155.0	61.96	61.99	62.00	62.00	61.97	61.92	61.91
G157.5	64.63	64.66	64.71	64.75	64.72	64.67	64.67
G160.0	67.22	67.20	67.21	67.28	67.27	67.22	67.22
G162.5	69.47	69.48	69.54	69.53	69.56	69.52	69.53
G165.0	71.56	71.55	71.51	71.54	71.56	71.55	71.56
G167.5	73.18	73.18	73.21	73.25	73.24	73.25	73.26
G170.0	74.61	74.61	74.63	74.63	74.62	74.63	74.64
G172.5	75.70	75.70	75.70	75.69	75.69	75.70	75.70
G175.0	76.44	76.44	76.44	76.44	76.44	76.45	76.45
G177.5	76.89	76.89	76.89	76.89	76.89	76.90	76.90
G180.0	77.05	77.05	77.05	77.05	77.05	77.05	77.05

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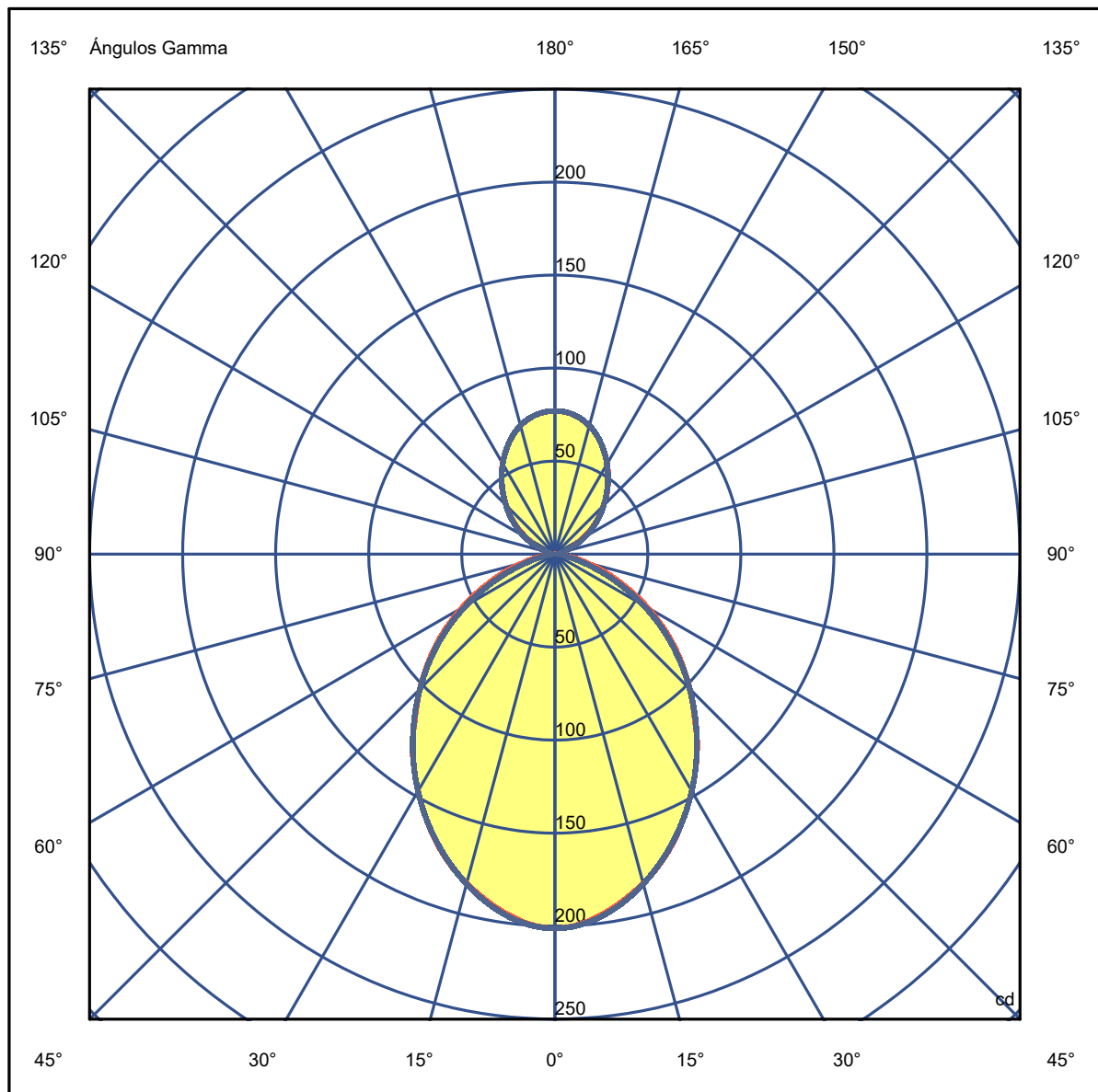
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Flujo Fuente	593 lm	Valor Máximo	201.28 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

Diam=535mm



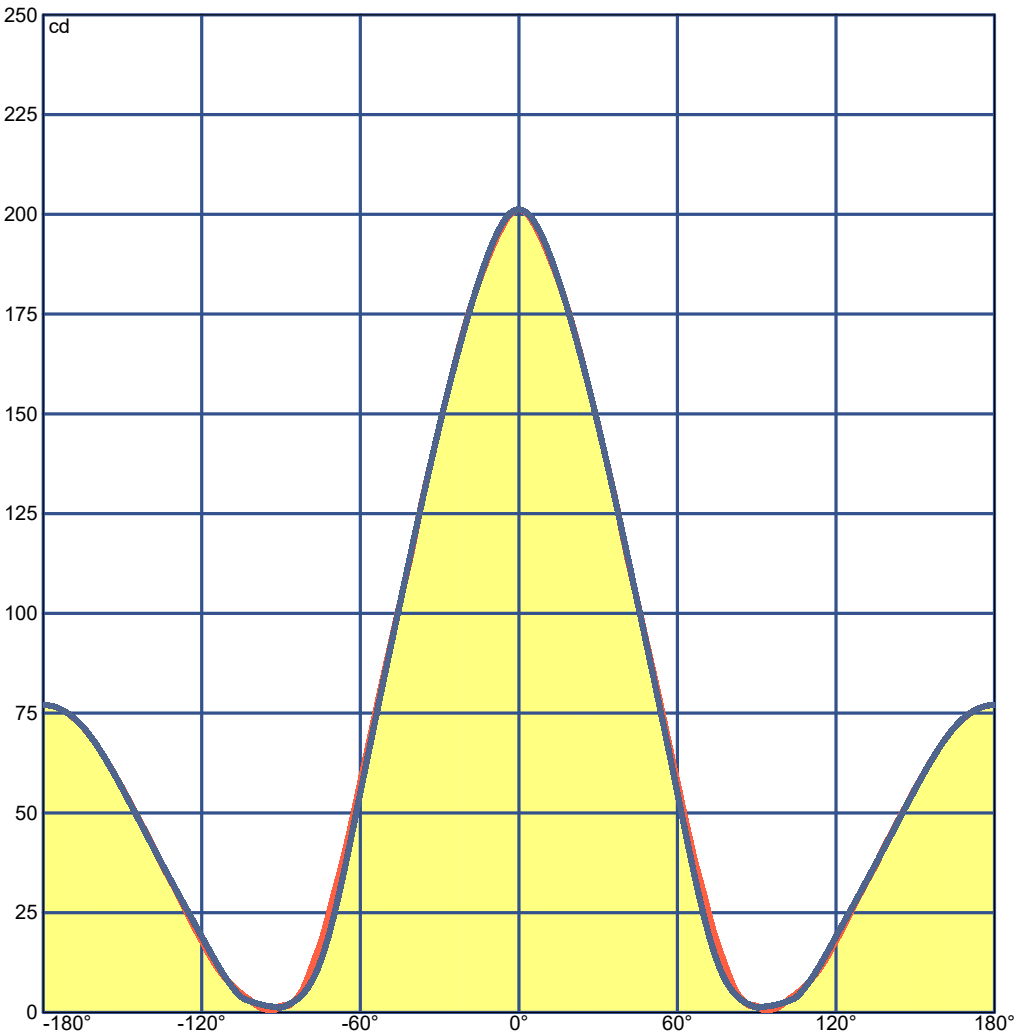
Semiplanos C

180.0 ————— 0.0
270.0 ————— 90.0



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Flujo Fuente	593 lm	Valor Máximo	201.28 cd	Posición	C=0.00 G=0.00	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 Local										
Vista Lateral						Vista Longitudinal				
x=2H y=2H	8.7	9.6	9.3	10.2	11.0	8.6	9.6	9.3	10.2	10.9
x=2H y=3H	9.7	10.6	10.4	11.2	12.0	9.4	10.3	10.1	10.9	11.7
x=2H y=4H	10.1	10.8	10.8	11.5	12.3	9.6	10.3	10.2	11.0	11.8
x=2H y=6H	10.2	11.0	10.9	11.6	12.4	9.6	10.3	10.3	11.0	11.8
x=2H y=8H	10.3	10.9	11.0	11.6	12.5	9.6	10.2	10.3	10.9	11.8
x=2H y=12H	10.2	10.9	11.0	11.6	12.4	9.5	10.2	10.3	10.9	11.7
x=4H y=2H	9.1	9.9	9.8	10.6	11.4	9.1	9.9	9.8	10.5	11.3
x=4H y=3H	10.3	11.0	11.1	11.7	12.5	10.0	10.6	10.7	11.3	12.2
x=4H y=4H	10.8	11.4	11.6	12.1	13.0	10.2	10.8	10.9	11.5	12.4
x=4H y=6H	11.1	11.6	11.9	12.3	13.2	10.3	10.8	11.0	11.5	12.4
x=4H y=8H	11.1	11.6	11.9	12.3	13.3	10.3	10.7	11.1	11.5	12.4
x=4H y=12H	11.1	11.5	11.9	12.3	13.2	10.3	10.7	11.1	11.5	12.4
x=8H y=4H	10.9	11.3	11.7	12.1	13.0	10.3	10.8	11.1	11.5	12.4
x=8H y=6H	11.2	11.6	12.0	12.4	13.3	10.4	10.8	11.2	11.6	12.5
x=8H y=8H	11.3	11.6	12.1	12.4	13.4	10.5	10.8	11.3	11.6	12.6
x=8H y=12H	11.4	11.6	12.2	12.5	13.5	10.5	10.7	11.3	11.6	12.6
x=12H y=4H	10.8	11.2	11.6	12.0	12.9	10.3	10.7	11.1	11.5	12.4
x=12H y=6H	11.2	11.5	12.0	12.3	13.3	10.4	10.7	11.2	11.6	12.5
x=12H y=8H	11.3	11.6	12.1	12.4	13.4	10.5	10.7	11.3	11.6	12.6

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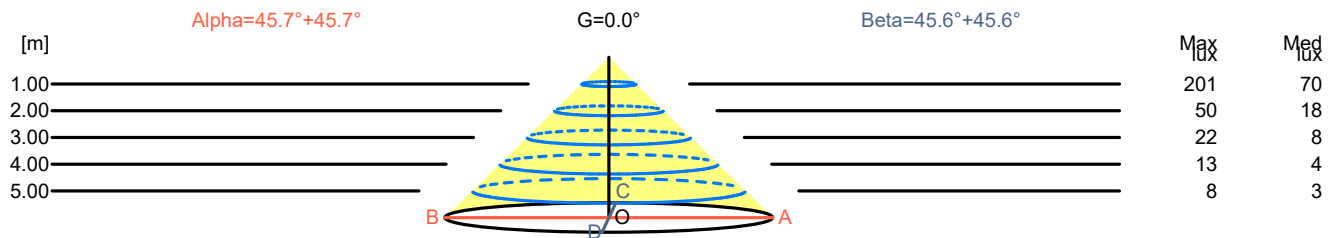
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Flujo Fuente	593 lm	Valor Máximo	201.28 cd	Posición	C=0.00 G=0.00	CG Bisimétrico	

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	1.02	2.05	3.07	4.09	5.12	OC	1.02	2.04	3.06	4.08	5.10
OB	1.02	2.05	3.07	4.09	5.12	OD	1.02	2.04	3.06	4.08	5.10

	0	5	15	25	35	45	55	65	75	85
OA	201.28	198.38	183.33	160.52	132.98	102.60	72.89	42.60	17.51	2.86
OB	201.28	198.38	183.33	160.52	132.98	102.60	72.89	42.60	17.51	2.86
OC	201.28	198.92	183.54	160.48	132.81	102.46	71.08	38.84	12.83	2.76
OD	201.28	198.92	183.54	160.48	132.81	102.46	71.08	38.84	12.83	2.76



H[m]	D[m]	Max lux	Med lux	Alpha=45.7°+45.7°	G=0.0
1.00	2.05	201	70		
2.00	4.09	50	18		
3.00	6.14	22	8		
4.00	8.19	13	4		
5.00	10.23	8	3		

H[m]	D[m]	Max lux	Med lux	Beta=45.6°+45.6°	G=0.0
1.00	2.04	201	70		
2.00	4.08	50	18		
3.00	6.12	22	8		
4.00	8.17	13	4		
5.00	10.21	8	3		

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Flujo Total=592.57 Flujo Luminaria=592.57

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	0.36	0.45	0.52	0.59	0.65	0.73	0.78	0.82	0.86	0.89	0.94	0.97
RC	4	4	4	4	4	4	3	3	3	3	3	3

Flujo Zonal por 1000 Lúmenes

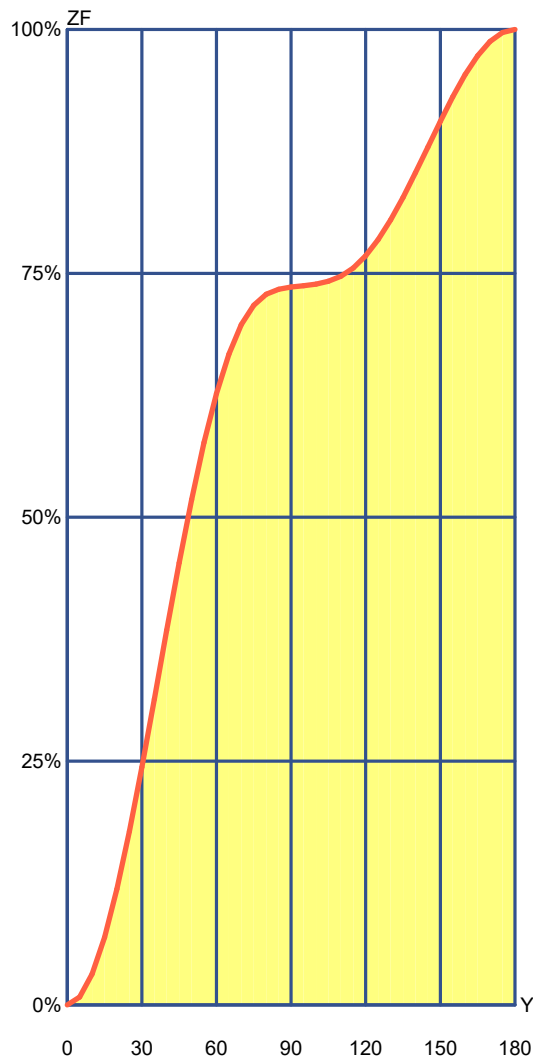
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	32	119	244	384	518	627	697	729	736	739	747	768	805	853	906	954	988	1000

Códigos de Flujo C.I.E.

55 85 97 74 100

C.I.E. 4/4/4/4/4/4/3/3/3/3/3
D DIN 5040 B41
F UTE 0.74 D + 0.26 T
B NBN BZ 3
RN 26.40050 %
BLF 1.0

LOR 100.00000 %
ULOR 26.40050 %
DLOR 73.59950 %
UFF 26.40050 %
DFF 73.59950 %
FFR 35.87048 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00 %	0.00 %
5°	8.07	8.07	0.81 %	0.81 %
10°	23.58	31.65	2.36 %	3.16 %
15°	37.59	69.24	3.76 %	6.92 %
20°	49.59	118.83	4.96 %	11.88 %
25°	59.11	177.93	5.91 %	17.79 %
30°	65.82	243.75	6.58 %	24.37 %
35°	69.67	313.42	6.97 %	31.34 %
40°	70.75	384.17	7.07 %	38.42 %
45°	69.06	453.23	6.91 %	45.32 %
50°	64.80	518.03	6.48 %	51.80 %
55°	58.53	576.56	5.85 %	57.66 %
60°	50.13	626.69	5.01 %	62.67 %
65°	40.59	667.28	4.06 %	66.73 %
70°	30.11	697.39	3.01 %	69.74 %
75°	19.91	717.29	1.99 %	71.73 %
80°	11.27	728.57	1.13 %	72.86 %
85°	5.19	733.76	0.52 %	73.38 %
90°	2.23	736.00	0.22 %	73.60 %
95°	1.30	737.30	0.13 %	73.73 %
100°	1.61	738.91	0.16 %	73.89 %
105°	2.90	741.81	0.29 %	74.18 %
110°	5.19	747.01	0.52 %	74.70 %
115°	8.56	755.56	0.86 %	75.56 %
120°	12.49	768.05	1.25 %	76.81 %
125°	16.50	784.55	1.65 %	78.45 %
130°	20.23	804.78	2.02 %	80.48 %
135°	23.15	827.93	2.31 %	82.79 %
140°	25.23	853.16	2.52 %	85.32 %
145°	26.31	879.47	2.63 %	87.95 %
150°	26.32	905.79	2.63 %	90.58 %
155°	25.20	930.99	2.52 %	93.10 %
160°	22.86	953.85	2.29 %	95.39 %
165°	19.30	973.15	1.93 %	97.32 %
170°	14.63	987.78	1.46 %	98.78 %
175°	9.12	996.90	0.91 %	99.69 %
180°	3.10	1000.00	0.31 %	100.00 %

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Flujo Fuente	593 lm	Valor Máximo	201.28 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

Isolux (Suelo)

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

