

Luminaria

Código T-3820X

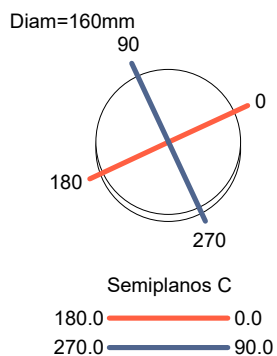
Nombre Circ Pantalla polietileno exterior voltatge

Ensayo

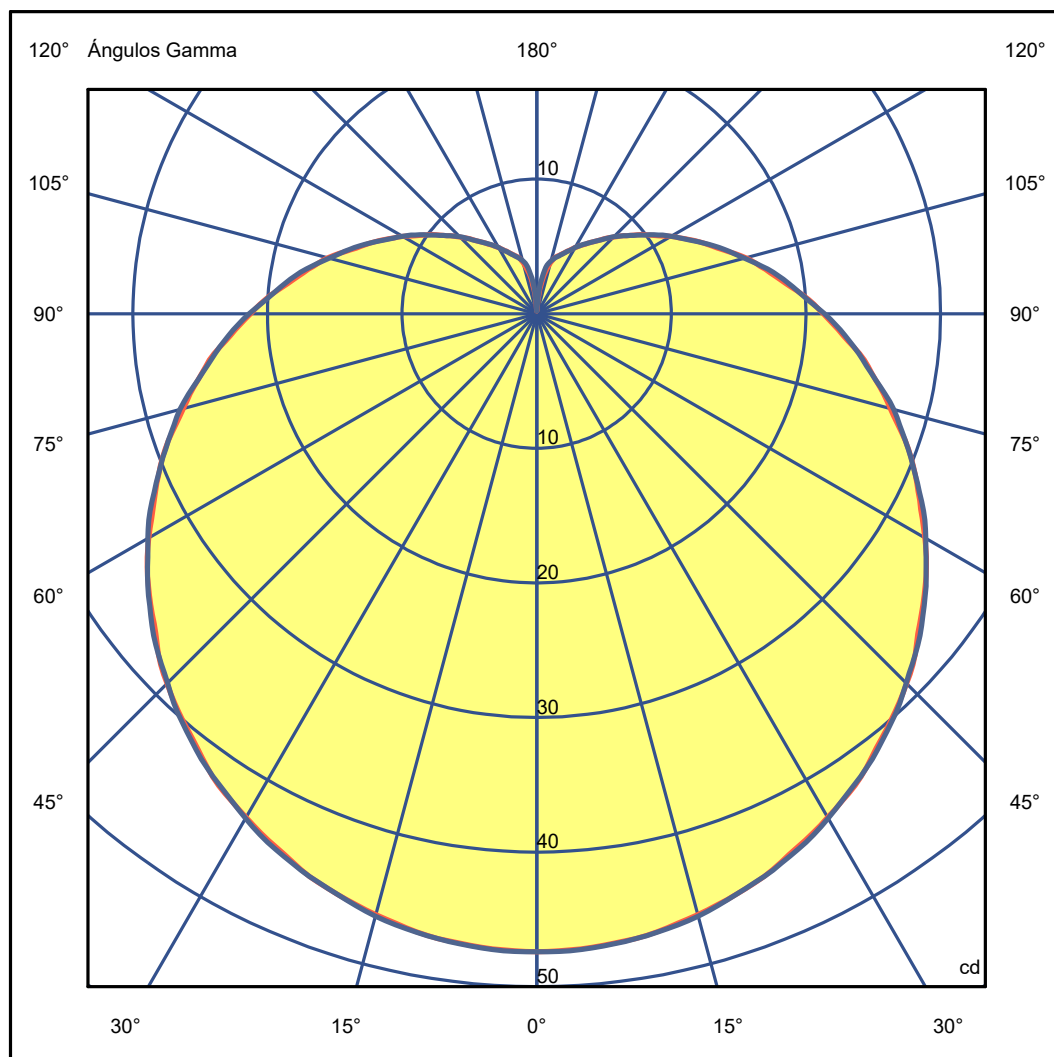
Código CL131A19F002GE1

Nombre Circ Pantalla polietileno exterior voltatge

Flujo Luminaria	285.51 lm	Potencia Luminaria	8.00 W	Eficacia	35.69 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	285.51 lm	Valor Máximo	47.40 cd	Posición	C=90.00 G=2.50	CG Bisimétrico	
Luminaria Redonda		Diam.	160 mm	Altura	125 mm		
Área Luminosa Redonda		Diam.	160 mm	Altura	125 mm		
Área Luminosa Horizontal		0.020106 m2		Área Emisión sobre Pl. 180°		0.020000 m2	
Área Emisión sobre Pl. 0°		0.020000 m2		Área Emisión sobre Pl. 270°		0.020000 m2	
Área Emisión sobre Pl. 90°		0.020000 m2		Área de deslumbramiento a 76°		0.024270 m2	
Sist. de Coordn.		CG		Tipo de Simetría		Bisimétrico	
Fecha		20-05-2021		Máximo Ángulo Gamma		180	
Distancia de Ensayo		6.44		Flujo de Ensayo		285.51 lm	
Operador		Asselum T2		Tensión Nominal			
Temperatura		25.20 °C		Corriente Nominal			
Humedad		27.80 %		Fotocélula		Prc	
Notas		RM19121101.2					
Fuentes de luz de la Luminaria							
Familia		Código LED	Nombre LED	Flujo [lm]	Pot. [W]	Cant.	
				285.51	8.00	1	
C.I.E.	32 60 82 74 100		D DIN 5040	B21			
F UTE	0.74 H + 0.26 T		B NBN	BZ 6			



ULOR 25.97 %
DLOR 74.03 %
RN 25.97 %



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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	47.40	47.40	47.40	47.40	47.40	47.40	47.40
G 2.5	47.35	47.35	47.37	47.40	47.34	47.40	47.40
G 5.0	47.24	47.26	47.27	47.29	47.26	47.29	47.29
G 7.5	47.08	47.09	47.12	47.13	47.11	47.17	47.12
G 10.0	46.90	46.86	46.88	46.90	46.89	46.96	46.92
G 12.5	46.55	46.57	46.61	46.62	46.61	46.62	46.65
G 15.0	46.21	46.23	46.28	46.29	46.23	46.27	46.34
G 17.5	45.83	45.86	45.87	45.88	45.87	45.91	45.89
G 20.0	45.44	45.39	45.44	45.45	45.46	45.52	45.42
G 22.5	44.97	44.95	44.94	44.99	44.95	45.08	44.99
G 25.0	44.33	44.38	44.46	44.44	44.44	44.40	44.46
G 27.5	43.79	43.86	43.86	43.90	43.85	43.88	43.95
G 30.0	43.20	43.18	43.27	43.30	43.26	43.31	43.28
G 32.5	42.63	42.58	42.62	42.62	42.62	42.73	42.58
G 35.0	41.99	41.89	41.90	41.98	41.88	42.08	41.95
G 37.5	41.12	41.13	41.18	41.19	41.21	41.18	41.26
G 40.0	40.35	40.41	40.38	40.44	40.41	40.46	40.47
G 42.5	39.63	39.56	39.64	39.67	39.65	39.73	39.71
G 45.0	38.86	38.79	38.81	38.84	38.79	38.94	38.80
G 47.5	38.02	37.95	37.95	38.03	37.95	38.11	37.98
G 50.0	36.95	37.03	37.03	37.11	37.05	37.07	37.17
G 52.5	36.09	36.11	36.11	36.18	36.13	36.22	36.20
G 55.0	35.23	35.17	35.29	35.31	35.26	35.37	35.29
G 57.5	34.32	34.28	34.31	34.34	34.31	34.46	34.28
G 60.0	33.29	33.24	33.32	33.28	33.33	33.32	33.35
G 62.5	32.21	32.31	32.33	32.37	32.31	32.33	32.44
G 65.0	31.26	31.31	31.32	31.34	31.33	31.43	31.36
G 67.5	30.34	30.28	30.34	30.41	30.40	30.46	30.35
G 70.0	29.38	29.35	29.36	29.39	29.33	29.52	29.34
G 72.5	28.25	28.25	28.32	28.30	28.35	28.27	28.36
G 75.0	27.19	27.29	27.26	27.35	27.23	27.31	27.45
G 77.5	26.23	26.19	26.25	26.30	26.29	26.36	26.33
G 80.0	25.25	25.25	25.26	25.28	25.34	25.42	25.20
G 82.5	24.36	24.27	24.28	24.35	24.28	24.47	24.25
G 85.0	23.21	23.19	23.27	23.24	23.30	23.21	23.32
G 87.5	22.21	22.24	22.25	22.30	22.23	22.29	22.38
G 90.0	21.27	21.23	21.33	21.36	21.33	21.41	21.38
G 92.5	20.42	20.36	20.37	20.39	20.43	20.51	20.34
G 95.0	19.42	19.49	19.47	19.54	19.44	19.66	19.46
G 97.5	18.43	18.52	18.55	18.53	18.56	18.53	18.65
G100.0	17.61	17.64	17.61	17.71	17.65	17.70	17.82
G102.5	16.83	16.75	16.83	16.85	16.83	16.88	16.88
G105.0	16.08	15.96	15.97	16.00	16.03	16.11	15.96
G107.5	15.16	15.14	15.13	15.18	15.14	15.26	15.17
G110.0	14.29	14.35	14.35	14.38	14.36	14.35	14.43
G112.5	13.59	13.59	13.57	13.60	13.59	13.64	13.62
G115.0	12.90	12.83	12.88	12.89	12.89	12.95	12.85
G117.5	12.15	12.17	12.17	12.19	12.15	12.27	12.16
G120.0	11.51	11.45	11.48	11.51	11.49	11.53	11.53
G122.5	10.79	10.82	10.81	10.86	10.79	10.84	10.90
G125.0	10.22	10.20	10.20	10.23	10.20	10.25	10.23
G127.5	9.67	9.61	9.63	9.64	9.65	9.69	9.61
G130.0	9.07	9.08	9.08	9.10	9.07	9.17	9.07
G132.5	8.58	8.52	8.51	8.54	8.55	8.50	8.57
G135.0	8.06	8.03	8.02	8.06	8.02	8.04	8.10
G137.5	7.62	7.56	7.56	7.57	7.55	7.59	7.58
G140.0	7.11	7.12	7.12	7.11	7.12	7.18	7.11
G142.5	6.73	6.73	6.72	6.74	6.68	6.79	6.73
G145.0	6.33	6.32	6.31	6.31	6.33	6.32	6.36
G147.5	6.00	5.98	5.96	5.97	5.94	5.99	6.02
G150.0	5.68	5.64	5.65	5.66	5.64	5.66	5.68
G152.5	5.35	5.33	5.34	5.35	5.36	5.39	5.33
G155.0	5.07	4.96	5.05	5.09	5.06	5.10	5.04
G157.5	4.80	4.60	4.69	4.81	4.81	4.77	4.77
G160.0	4.59	4.34	4.27	4.54	4.54	4.54	4.53
G162.5	4.33	4.14	3.82	4.29	4.29	4.34	4.33
G165.0	3.94	3.88	3.36	3.77	4.00	4.15	4.09
G167.5	3.38	3.34	2.95	3.33	3.63	3.78	3.78
G170.0	2.80	2.64	2.52	2.81	3.10	3.16	3.27
G172.5	1.99	1.88	1.97	2.19	2.49	2.45	2.50
G175.0	1.11	0.96	1.32	1.16	1.63	1.34	1.60
G177.5	0.23	0.45	0.29	0.60	0.31	0.63	0.28
G180.0	0.23	0.23	0.23	0.23	0.23	0.23	0.23

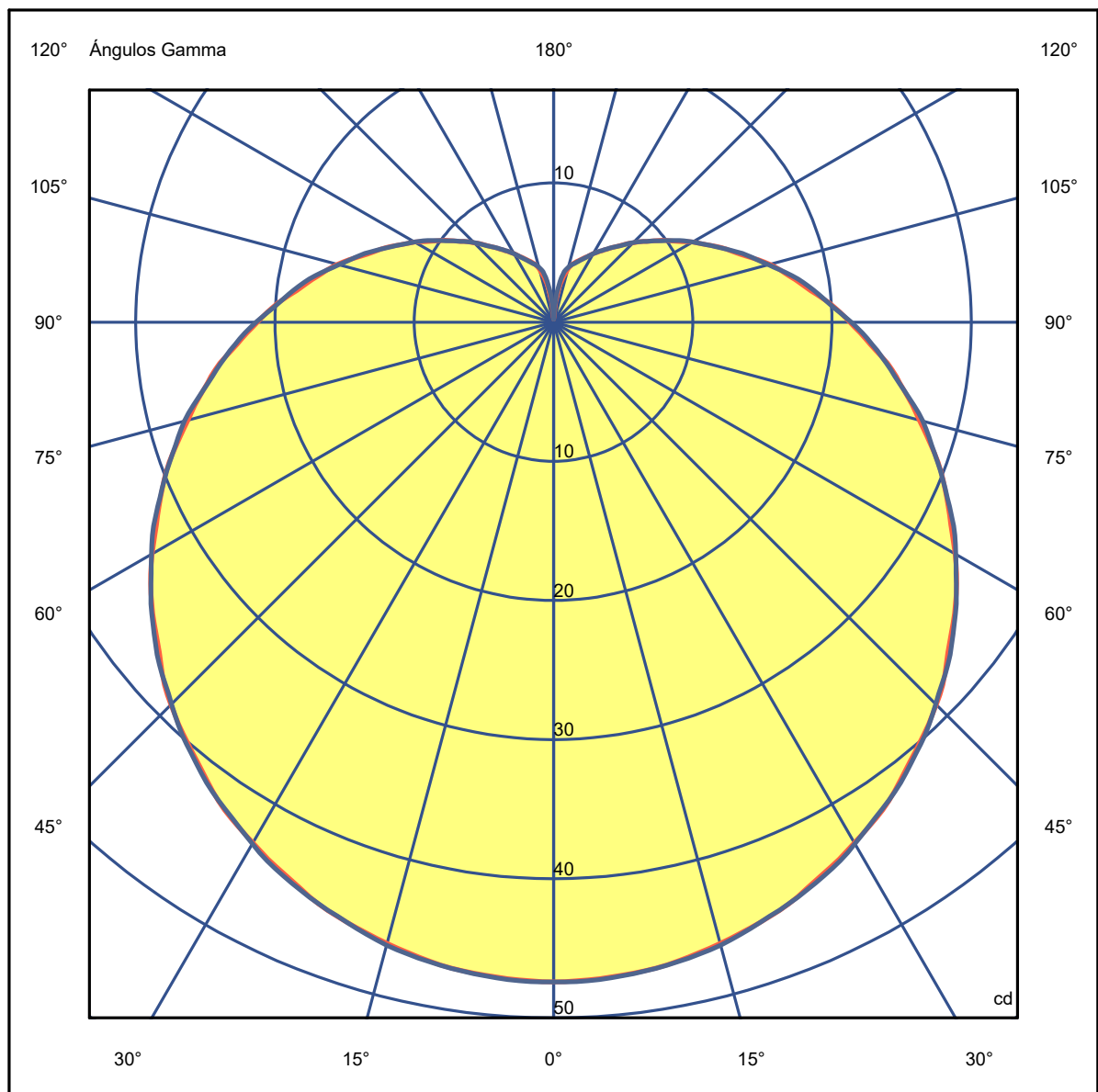
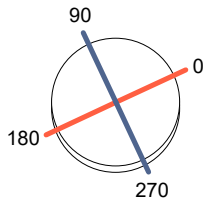
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Diam=160mm

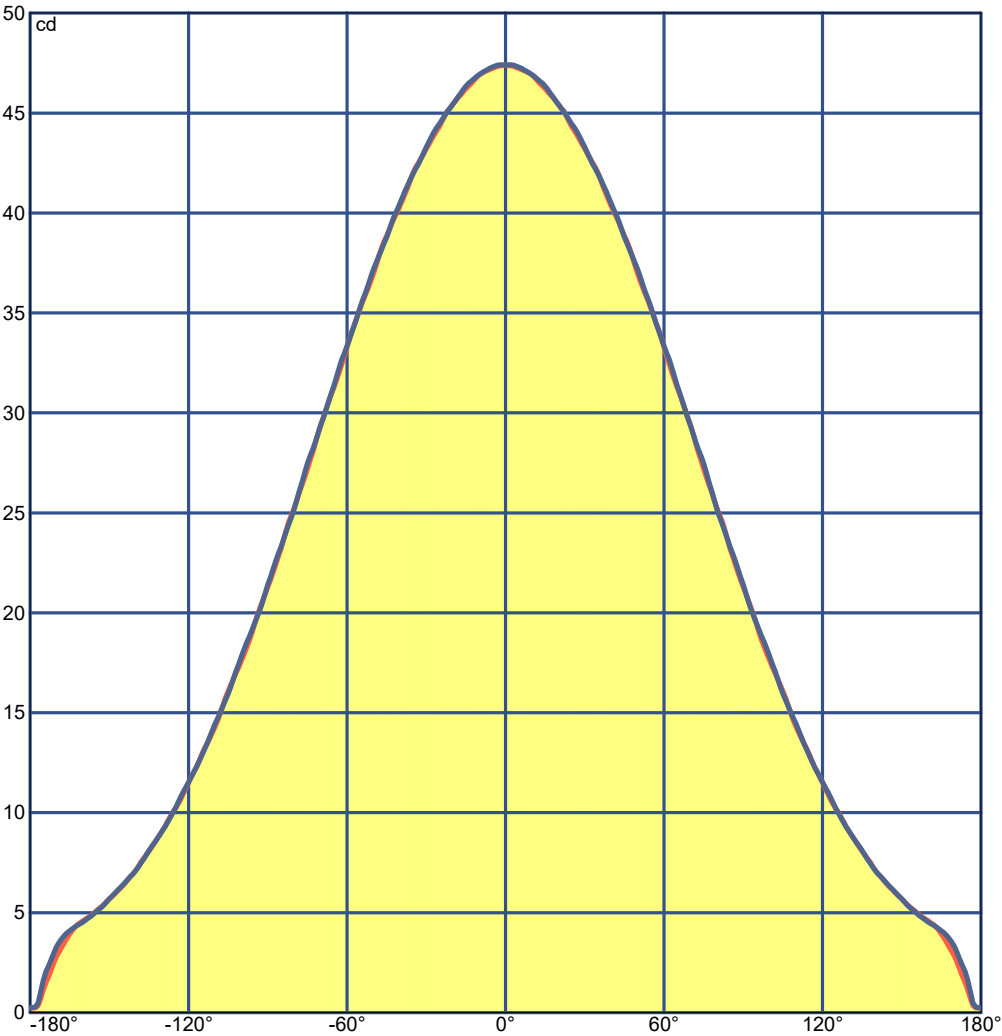
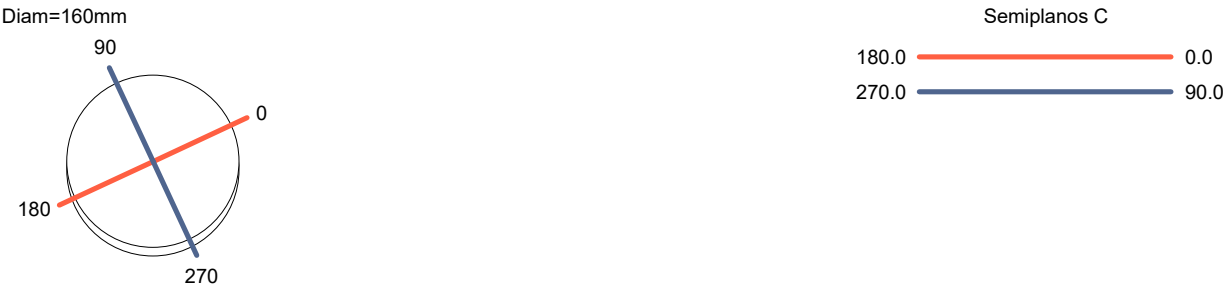
Semiplanos C

180.0 ————— 0.0
270.0 ————— 90.0



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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	11.7	12.8	12.3	13.5	14.2	11.7	12.8	12.3	13.5	14.2
x=2H y=3H	13.7	14.8	14.4	15.4	16.3	13.7	14.8	14.4	15.5	16.3
x=2H y=4H	14.7	15.7	15.4	16.4	17.3	14.7	15.8	15.4	16.4	17.3
x=2H y=6H	15.7	16.6	16.4	17.4	18.2	15.7	16.7	16.4	17.4	18.2
x=2H y=8H	16.2	17.1	16.9	17.8	18.7	16.2	17.1	16.9	17.8	18.7
x=2H y=12H	16.7	17.5	17.4	18.2	19.1	16.7	17.5	17.4	18.3	19.1
x=4H y=2H	12.4	13.4	13.1	14.1	14.9	12.4	13.4	13.1	14.1	14.9
x=4H y=3H	14.6	15.5	15.4	16.2	17.1	14.7	15.5	15.4	16.3	17.1
x=4H y=4H	15.8	16.6	16.6	17.3	18.2	15.8	16.6	16.6	17.4	18.3
x=4H y=6H	17.0	17.7	17.7	18.4	19.4	17.0	17.7	17.8	18.5	19.4
x=4H y=8H	17.5	18.2	18.3	19.0	19.9	17.6	18.2	18.3	19.0	19.9
x=4H y=12H	18.1	18.7	18.9	19.5	20.4	18.1	18.7	18.9	19.5	20.4
x=8H y=4H	16.3	16.9	17.0	17.7	18.6	16.3	16.9	17.0	17.7	18.6
x=8H y=6H	17.6	18.2	18.4	19.0	20.0	17.7	18.2	18.5	19.0	20.0
x=8H y=8H	18.4	18.9	19.2	19.7	20.7	18.4	18.9	19.2	19.7	20.7
x=8H y=12H	19.1	19.5	19.9	20.3	21.4	19.1	19.5	19.9	20.4	21.4
x=12H y=4H	17.1	17.7	17.8	18.5	19.4	17.1	17.7	17.8	18.5	19.4
x=12H y=6H	18.3	18.8	19.1	19.6	20.6	18.3	18.8	19.1	19.6	20.6
x=12H y=8H	19.0	19.4	19.8	20.3	21.3	19.0	19.4	19.8	20.3	21.3

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Flujo Total=285.51 Flujo Luminaria=285.51

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	0.21	0.27	0.34	0.40	0.45	0.53	0.59	0.64	0.70	0.74	0.84	0.91
RC	8	8	8	8	8	8	8	8	8	8	8	8

Flujo Zonal por 1000 Lúmenes

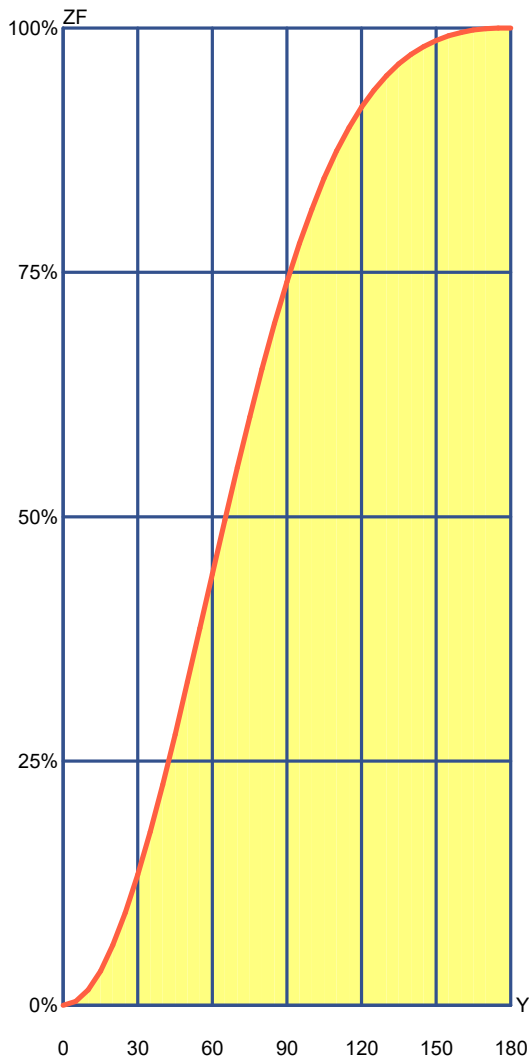
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	16	62	133	226	331	441	550	651	740	815	874	919	951	973	987	996	999	1000

Códigos de Flujo C.I.E.

32 60 82 74 100

C.I.E. 8
D DIN 5040 B21
F UTE 0.74 H + 0.26 T
B NBN BZ 6
RN 25.97275 %
BLF 1.0

LOR 100.00000 %
ULOR 25.97275 %
DLOR 74.02725 %
UFF 25.97275 %
DFF 74.02725 %
FFR 35.08539 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00 %	0.00 %
5°	3.96	3.96	0.40 %	0.40 %
10°	11.80	15.76	1.18 %	1.58 %
15°	19.35	35.12	1.94 %	3.51 %
20°	26.47	61.59	2.65 %	6.16 %
25°	33.02	94.61	3.30 %	9.46 %
30°	38.87	133.48	3.89 %	13.35 %
35°	43.95	177.42	4.39 %	17.74 %
40°	48.12	225.54	4.81 %	22.55 %
45°	51.40	276.95	5.14 %	27.69 %
50°	53.74	330.68	5.37 %	33.07 %
55°	55.06	385.74	5.51 %	38.57 %
60°	55.54	441.29	5.55 %	44.13 %
65°	55.04	496.33	5.50 %	49.63 %
70°	53.86	550.18	5.39 %	55.02 %
75°	51.85	602.03	5.18 %	60.20 %
80°	49.27	651.30	4.93 %	65.13 %
85°	46.25	697.54	4.62 %	69.75 %
90°	42.73	740.27	4.27 %	74.03 %
95°	39.15	779.43	3.92 %	77.94 %
100°	35.34	814.76	3.53 %	81.48 %
105°	31.56	846.33	3.16 %	84.63 %
110°	27.80	874.12	2.78 %	87.41 %
115°	24.15	898.27	2.41 %	89.83 %
120°	20.76	919.03	2.08 %	91.90 %
125°	17.56	936.60	1.76 %	93.66 %
130°	14.70	951.30	1.47 %	95.13 %
135°	12.11	963.41	1.21 %	96.34 %
140°	9.84	973.25	0.98 %	97.32 %
145°	7.87	981.12	0.79 %	98.11 %
150°	6.18	987.29	0.62 %	98.73 %
155°	4.75	992.04	0.48 %	99.20 %
160°	3.50	995.54	0.35 %	99.55 %
165°	2.42	997.96	0.24 %	99.80 %
170°	1.42	999.39	0.14 %	99.94 %
175°	0.55	999.94	0.06 %	99.99 %
180°	0.06	1000.00	0.01 %	100.00 %

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Isolux (Suelo)

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

