

Luminaria

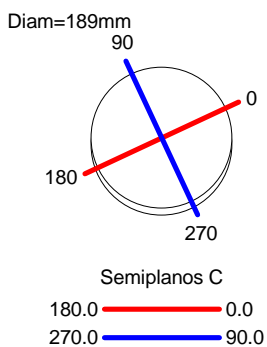
Código A657-010
Nombre FOLLOW ME PLUS

Ensayo

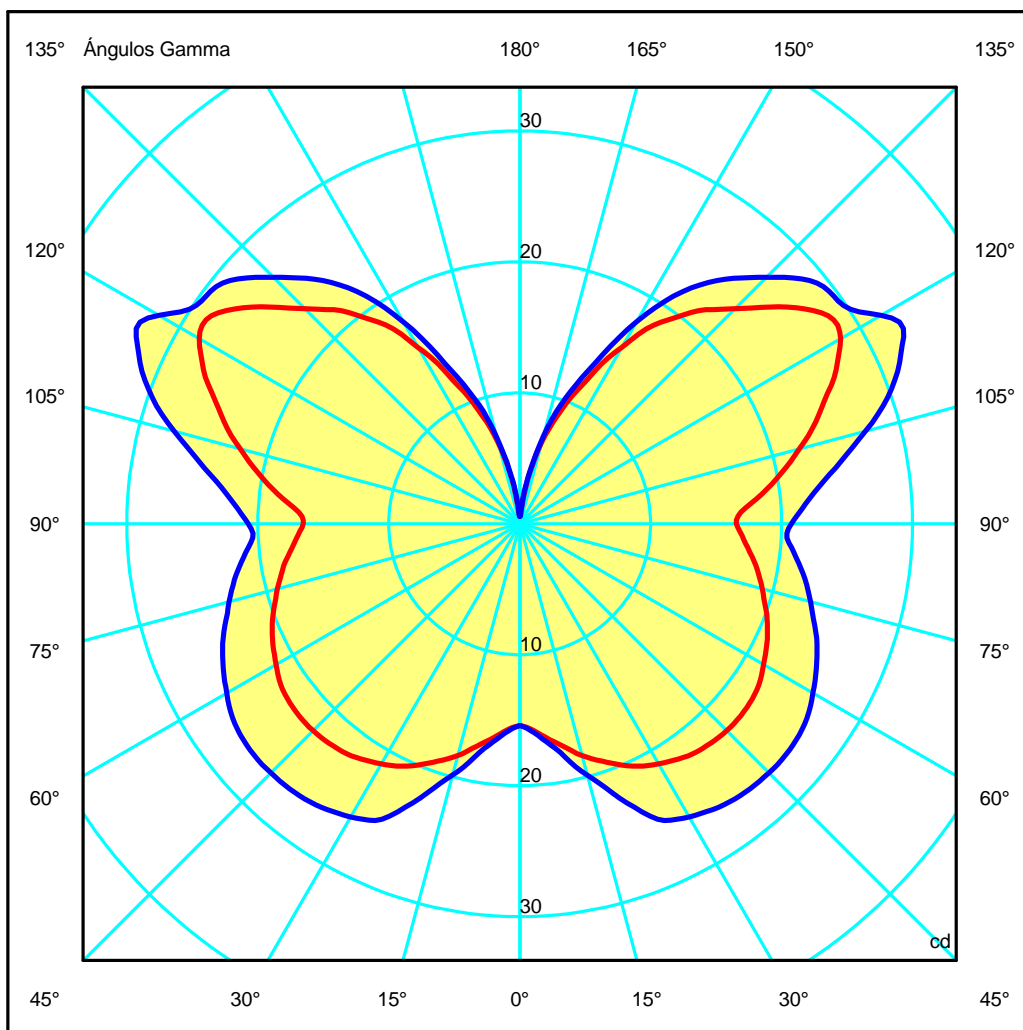
Código CL041A18F0013G
Nombre FOLLOW ME PLUS

Flujo Luminaria	289.88 lm	Potencia luminaria	10.00 W	Eficacia	28.99 lm/W	Eficiencia	100.00%
Flujo de Lámpara	289.88 lm	Valor Máximo	35.63 cd	Posición	C=60.00 G=125.00	CG	Bisimétrico
Luminaria Redonda		Diam.	189 mm	Altura	300 mm		
Área Luminosa Redonda		Diam.	180 mm	Altura	160 mm		
Área Luminosa Horizontal		0.025447 m2		Área Emisión sobre Pl. 180°		0.028800 m2	
Área Emisión sobre Pl. 0°		0.028800 m2		Área Emisión sobre Pl. 270°		0.028800 m2	
Área Emisión sobre Pl. 90°		0.028800 m2		Área de deslumbramiento a 76°		0.034101 m2	
Sist. de Coorden.		CG		Tipo de Simetría		Bisimétrico	
Fecha		02-01-2019		Máximo Ángulo Gamma		180	
Distancia de Ensayo		6.44		Flujo de Ensayo		289.88 lm	
Operador		Asselum T2		Tensión de alimentación [V]		230.24 V	
Temperatura		25.20 °C		Corriente de alimentación [A]		0.10 A	
Humedad		26.30 %		Fotocélula		Prc	
Notas		RM1821701.3					

Lámparas de la Luminaria					
Familia	Código LED	Nombre LED	Flujo [lm]	Pot. [W]	Cant.
			289.88	10.00	1
C.I.E.	25 52 78 48 100	D DIN 5040	C12		
F UTE	0.48 J + 0.52 T	B NBN	BZ 8 / 2.5 / BZ 7		



ULOR 52.28 %
DLOR 47.72 %
RN 52.28 %



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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	15.38	15.38	15.38	15.38	15.38	15.38	15.38
G 2.5	15.62	15.52	15.59	15.60	15.63	15.58	15.71
G 5.0	16.04	15.95	16.03	16.09	16.19	16.16	16.24
G 7.5	16.55	16.49	16.59	16.66	16.87	16.92	16.92
G 10.0	17.06	17.03	17.19	17.37	17.64	17.75	17.72
G 12.5	17.67	17.60	17.83	18.12	18.41	18.59	18.83
G 15.0	18.32	18.20	18.45	18.85	19.24	19.61	19.86
G 17.5	18.85	18.77	19.06	19.56	20.22	20.71	20.93
G 20.0	19.36	19.34	19.66	20.30	21.22	21.92	22.28
G 22.5	19.89	19.82	20.22	21.09	22.25	23.12	23.60
G 25.0	20.41	20.30	20.78	21.85	23.07	24.03	24.88
G 27.5	20.83	20.68	21.25	22.53	23.76	24.74	25.47
G 30.0	21.17	21.04	21.68	23.00	24.26	25.25	25.85
G 32.5	21.47	21.37	22.09	23.41	24.66	25.63	26.14
G 35.0	21.77	21.63	22.41	23.71	24.96	25.90	26.42
G 37.5	22.02	21.83	22.65	23.94	25.17	26.08	26.63
G 40.0	22.15	22.00	22.84	24.10	25.33	26.22	26.76
G 42.5	22.26	22.12	22.96	24.20	25.42	26.31	26.85
G 45.0	22.33	22.19	23.05	24.27	25.47	26.35	26.89
G 47.5	22.36	22.20	23.08	24.30	25.47	26.35	26.93
G 50.0	22.33	22.17	23.05	24.27	25.42	26.31	26.87
G 52.5	22.24	22.09	22.99	24.19	25.31	26.19	26.76
G 55.0	22.10	21.93	22.83	24.07	25.14	26.02	26.57
G 57.5	21.83	21.73	22.61	23.85	24.91	25.71	26.26
G 60.0	21.48	21.44	22.31	23.54	24.62	25.37	25.85
G 62.5	21.17	21.14	22.02	23.20	24.26	24.98	25.45
G 65.0	20.85	20.80	21.67	22.87	23.88	24.55	25.02
G 67.5	20.47	20.43	21.27	22.49	23.45	24.10	24.56
G 70.0	20.06	20.04	20.87	22.10	23.01	23.60	24.05
G 72.5	19.58	19.63	20.45	21.68	22.62	23.13	23.46
G 75.0	19.17	19.22	20.04	21.24	22.15	22.61	22.99
G 77.5	18.73	18.80	19.58	20.84	21.68	22.10	22.49
G 80.0	18.30	18.39	19.15	20.39	21.16	21.57	21.98
G 82.5	17.80	17.96	18.71	19.95	20.73	21.06	21.38
G 85.0	17.32	17.53	18.30	19.55	20.30	20.55	20.83
G 87.5	16.90	17.12	17.90	19.18	19.88	20.06	20.39
G 90.0	16.54	16.73	17.78	18.86	20.14	19.69	20.74
G 92.5	16.76	16.80	18.31	19.13	20.79	20.34	21.41
G 95.0	17.70	17.60	19.08	20.23	21.53	21.34	22.21
G 97.5	18.82	18.82	19.96	21.72	22.42	22.78	23.19
G100.0	19.92	20.09	21.21	22.93	23.74	24.19	24.45
G102.5	21.02	21.31	22.45	24.14	25.16	25.60	25.80
G105.0	22.08	22.49	23.64	25.35	26.45	26.97	27.33
G107.5	23.27	23.75	24.81	26.62	27.69	28.32	28.90
G110.0	24.27	25.01	26.00	27.91	29.09	29.72	30.20
G112.5	25.30	26.26	27.27	29.10	30.52	30.99	31.31
G115.0	26.49	27.25	28.49	30.45	32.00	31.87	32.21
G117.5	27.40	27.74	29.73	31.71	33.25	32.23	32.91
G120.0	28.28	27.78	30.79	33.02	34.38	32.26	31.86
G122.5	28.62	27.55	31.50	34.07	35.25	32.24	30.31
G125.0	28.11	27.13	31.78	34.85	35.63	32.15	29.67
G127.5	27.04	26.67	31.68	35.12	35.41	31.85	29.50
G130.0	25.78	25.94	31.14	34.72	34.82	31.11	28.90
G132.5	24.44	24.84	30.28	33.81	33.87	29.97	27.84
G135.0	23.25	23.86	29.14	32.77	32.51	28.80	26.64
G137.5	22.21	22.97	27.89	31.55	30.95	27.70	25.49
G140.0	21.26	22.09	26.67	30.04	29.28	26.43	24.40
G142.5	19.97	20.95	25.03	28.29	27.57	24.92	23.14
G145.0	18.81	19.68	23.34	26.18	25.54	23.20	21.65
G147.5	17.43	18.10	21.39	24.07	23.27	21.10	19.86
G150.0	15.57	16.31	19.07	21.48	20.67	18.91	17.83
G152.5	14.03	14.29	16.50	18.59	18.00	16.47	15.69
G155.0	12.12	12.42	13.71	15.10	15.08	14.02	13.49
G157.5	10.74	10.73	11.34	12.08	12.13	11.73	11.81
G160.0	9.24	9.19	9.51	10.02	9.88	9.96	10.20
G162.5	7.88	7.83	8.02	8.36	8.25	8.36	8.71
G165.0	6.47	6.36	6.50	6.79	6.79	6.88	6.92
G167.5	4.87	4.85	5.00	5.12	5.30	5.26	5.15
G170.0	3.45	3.32	3.55	3.67	3.70	3.80	3.69
G172.5	1.90	1.90	2.22	2.40	2.27	2.31	2.27
G175.0	0.97	1.09	1.09	1.33	1.07	1.21	0.95
G177.5	0.62	0.73	0.62	0.74	0.61	0.65	0.58
G180.0	0.59	0.59	0.59	0.59	0.59	0.59	0.59

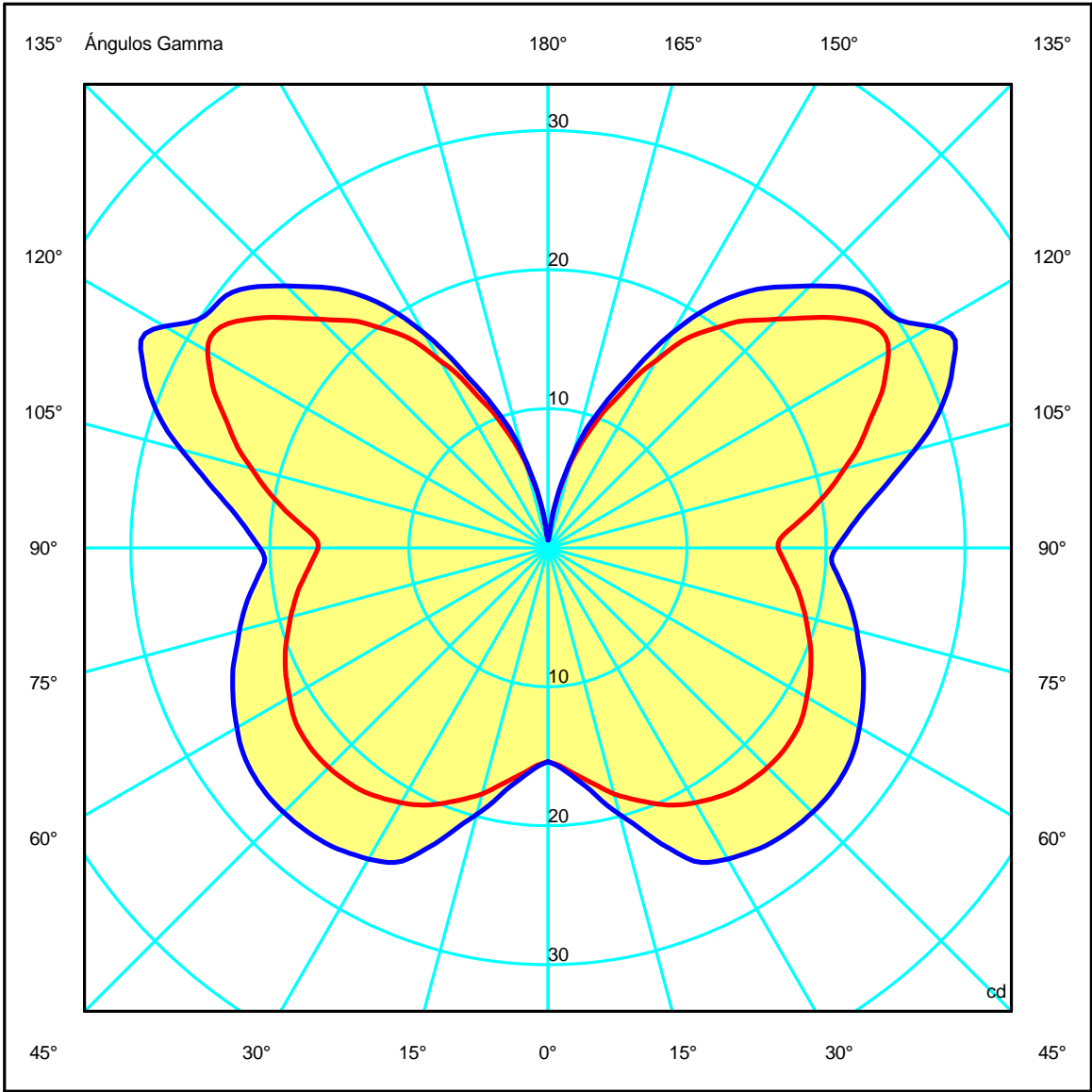
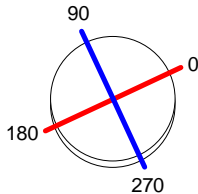
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Diam=189mm

Semiplanos C

180.0 ————— 0.0
270.0 ————— 90.0



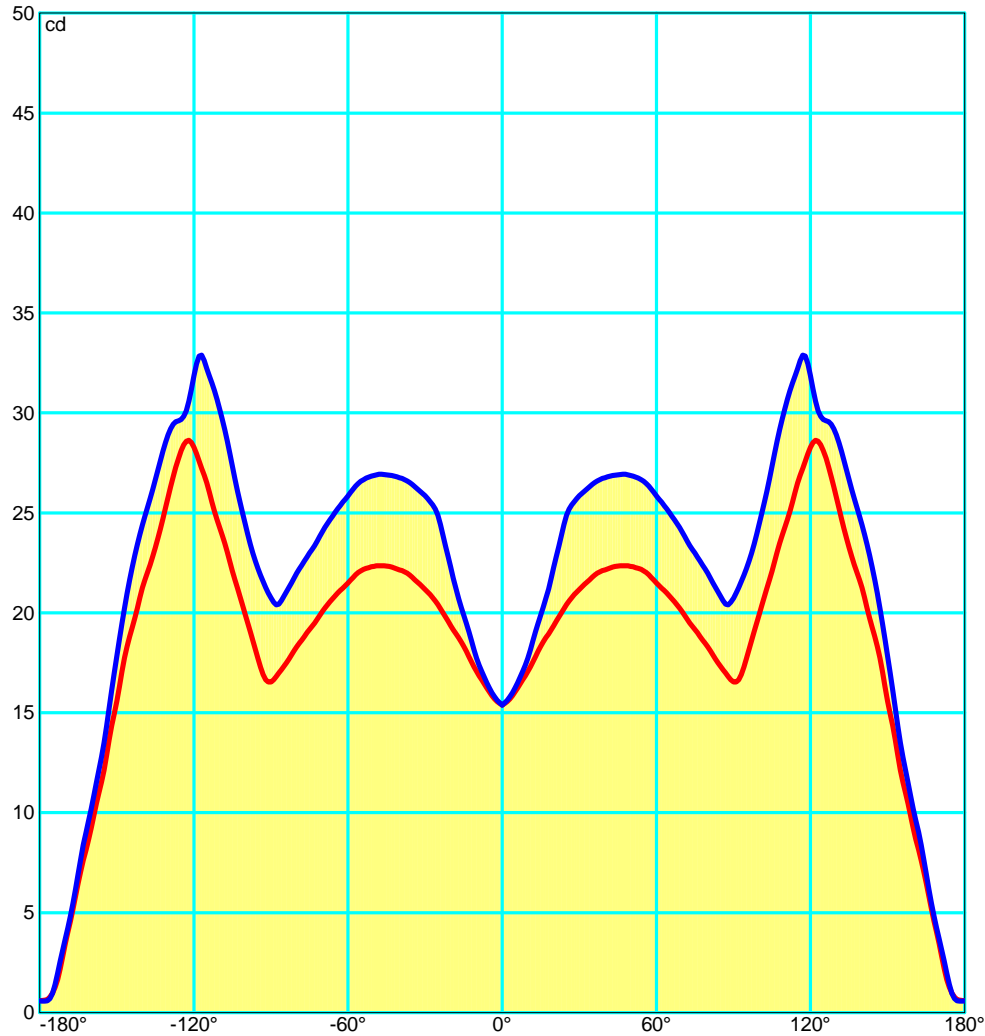
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Apertura a la derecha no hallada, gamma =58

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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	6.7	7.6	7.6	8.6	9.8	7.7	8.6	8.6	9.6	10.8
x=2H y=3H	9.0	9.8	9.9	10.8	12.0	10.1	10.9	11.0	11.9	13.1
x=2H y=4H	10.2	10.9	11.1	11.9	13.1	11.3	12.0	12.2	13.0	14.3
x=2H y=6H	11.3	12.0	12.3	13.0	14.3	12.4	13.2	13.4	14.1	15.4
x=2H y=8H	11.8	12.5	12.8	13.5	14.8	13.0	13.7	14.0	14.7	16.0
x=2H y=12H	12.4	13.0	13.4	14.0	15.3	13.6	14.2	14.5	15.2	16.5
x=4H y=2H	7.7	8.5	8.7	9.5	10.7	8.4	9.2	9.4	10.2	11.4
x=4H y=3H	10.1	10.8	11.1	11.8	13.1	11.0	11.7	12.0	12.6	13.9
x=4H y=4H	11.4	12.0	12.4	13.0	14.3	12.3	12.9	13.3	13.9	15.3
x=4H y=6H	12.7	13.2	13.7	14.2	15.5	13.7	14.2	14.7	15.2	16.5
x=4H y=8H	13.3	13.8	14.3	14.8	16.1	14.3	14.8	15.3	15.8	17.2
x=4H y=12H	13.9	14.3	14.9	15.4	16.7	15.0	15.4	16.0	16.4	17.8
x=8H y=4H	12.0	12.5	13.0	13.5	14.9	12.8	13.3	13.8	14.3	15.6
x=8H y=6H	13.5	13.9	14.5	15.0	16.3	14.4	14.8	15.4	15.8	17.2
x=8H y=8H	14.3	14.6	15.3	15.7	17.0	15.2	15.5	16.2	16.6	17.9
x=8H y=12H	15.0	15.3	16.1	16.4	17.8	16.0	16.3	17.0	17.4	18.7
x=12H y=4H	12.2	12.6	13.2	13.6	15.0	12.8	13.3	13.9	14.3	15.7
x=12H y=6H	13.7	14.1	14.8	15.1	16.5	14.5	14.9	15.5	15.9	17.3
x=12H y=8H	14.6	14.9	15.6	16.0	17.3	15.4	15.7	16.5	16.8	18.2

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Flujo Total=289.88 Flujo Luminaria=289.88

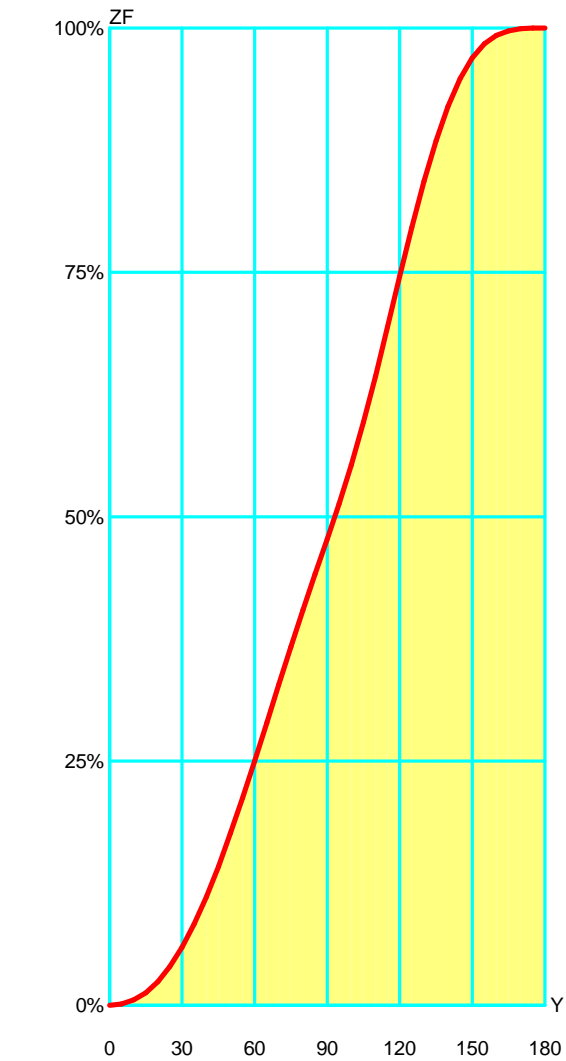
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.15	0.22	0.28	0.34	0.39	0.47	0.54	0.58	0.65	0.70	0.81	0.89
RC	9	9	9	9	9	9	9	9	9	9	8	8

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)	5	24	59	111	176	250	328	405	477	553	644	746	843	920	970	993	999	1000

Códigos de Flujo C.I.E.
25 52 78 48 100

C.I.E.	9/9/9/9/9/9/9/9/8/8	LOR	100.00000 %
D DIN 5040	C12	ULOR	52.28401 %
F UTE	0.48 J + 0.52 T	DLOR	47.71599 %
B NBN	BZ 8 / 2.5 / BZ 7	UFF	52.28401 %
RN	52.28401 %	DFF	47.71599 %
BLF	1.0	FFR	109.57335 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	1.30	1.30	0.13 %	0.13 %
10°	4.14	5.44	0.41 %	0.54 %
15°	7.44	12.88	0.74 %	1.29 %
20°	11.23	24.11	1.12 %	2.41 %
25°	15.46	39.57	1.55 %	3.96 %
30°	19.79	59.36	1.98 %	5.94 %
35°	23.86	83.21	2.39 %	8.32 %
40°	27.61	110.83	2.76 %	11.08 %
45°	30.98	141.81	3.10 %	14.18 %
50°	33.91	175.72	3.39 %	17.57 %
55°	36.30	212.02	3.63 %	21.20 %
60°	37.94	249.95	3.79 %	25.00 %
65°	38.82	288.77	3.88 %	28.88 %
70°	39.08	327.85	3.91 %	32.78 %
75°	38.78	366.63	3.88 %	36.66 %
80°	38.02	404.65	3.80 %	40.46 %
85°	36.88	441.52	3.69 %	44.15 %
90°	35.64	477.16	3.56 %	47.72 %
95°	36.25	513.41	3.62 %	51.34 %
100°	39.64	553.04	3.96 %	55.30 %
105°	43.69	596.74	4.37 %	59.67 %
110°	47.26	644.00	4.73 %	64.40 %
115°	50.16	694.16	5.02 %	69.42 %
120°	51.52	745.68	5.15 %	74.57 %
125°	50.43	796.11	5.04 %	79.61 %
130°	47.11	843.22	4.71 %	84.32 %
135°	41.54	884.76	4.15 %	88.48 %
140°	35.10	919.87	3.51 %	91.99 %
145°	28.43	948.29	2.84 %	94.83 %
150°	21.39	969.69	2.14 %	96.97 %
155°	14.37	984.05	1.44 %	98.41 %
160°	8.48	992.53	0.85 %	99.25 %
165°	4.69	997.22	0.47 %	99.72 %
170°	2.12	999.34	0.21 %	99.93 %
175°	0.59	999.93	0.06 %	99.99 %
180°	0.07	1000.00	0.01 %	100.00 %

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Isolux (Techo)

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

