

Luminaria

Código 1920240094
 Nombre Moi B/60 OUTDOOR
Ensayo
 Código CL092A18F008G
 Nombre Moi B/60 OUTDOOR

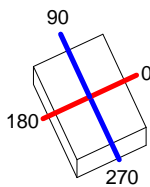
Flujo Luminaria	463.98 lm	Potencia luminaria	8.06 W	Eficacia	57.57 lm/W	Eficiencia	100.00%
Flujo de Lámpara	463.98 lm	Valor Máximo	499.35 cd	Posición	C=90.00 G=10.00	CG	Sim. en los planos 270-90
Luminaria Rectangular Área Luminosa Redonda		Longit. Diam.	215 mm 25 mm	Anchura Altura	160 mm 0 mm	Altura	80 mm
Área Luminosa Horizontal Área Emisión sobre Pl. 0° Área Emisión sobre Pl. 90°		0.000491 m2 0.000000 m2 0.000000 m2		Área Emisión sobre Pl. 180° Área Emisión sobre Pl. 270° Área de deslumbramiento a 76°		0.000000 m2 0.000000 m2 0.000119 m2	
Sist. de Coorden. Fecha Distancia de Ensayo		CG 15-03-2018 6.44		Tipo de Simetría Máximo Ángulo Gamma Flujo de Ensayo		Sim. en los planos 270-90 180 463.98 lm	
Operador Temperatura Humedad Notas		Asselum T2 25.20 °C 31.90 % RM18030801.2		Tensión de alimentación [V] Corriente de alimentación [A] Fotocélula		230.30 V 180 Prc	

Lámparas de la Luminaria

Familia	Código LED	Nombre	Flujo [lm]	Pot. [W]	Cant.
		Moi B/60 OUTDOOR	463.98	8.06	1
C.I.E. F UTE	58 82 93 88 100 0.88 D + 0.12 T	D DIN 5040 B NBN	B41 BZ 3 / 1.25 / BZ 4		

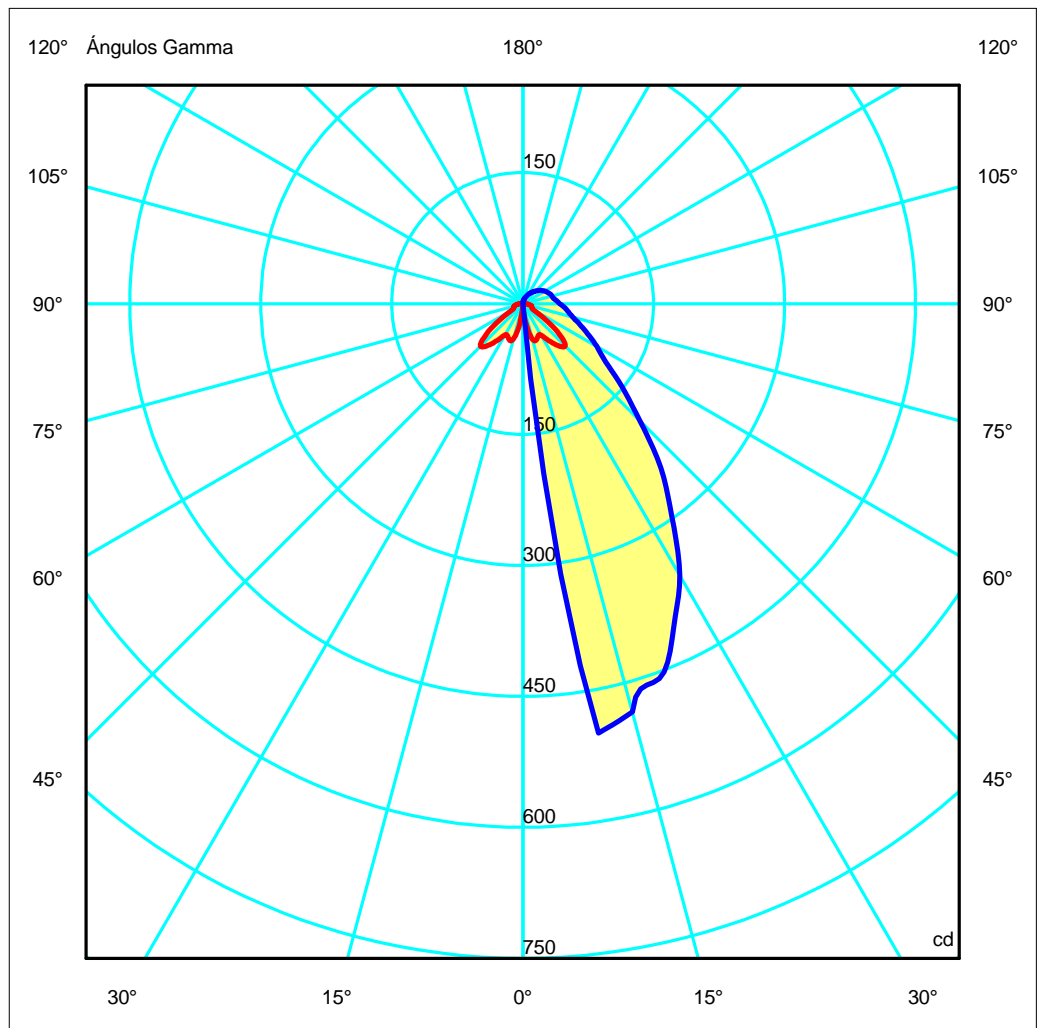


215mm x 160mm



Semiplanos C
 270.0
 180.0
 90.0

ULOR 11.64 %
 DLOR 88.36 %
 RN 11.64 %



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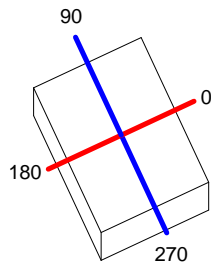
Tabla de Intensidad Luminosa cd Tabla 1/1

	C 270.00	C 285.00	C 300.00	C 315.00	C 330.00	C 345.00	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
G 5.0	0.35	0.38	0.69	1.72	3.74	6.50	9.20	28.60	42.68	40.94	25.63	8.63	0.88
G 10.0	0.35	0.35	0.36	0.40	0.55	12.68	27.24	162.53	241.62	316.87	404.96	474.51	499.35
G 15.0	0.35	0.35	0.35	0.35	0.44	9.89	41.94	370.00	468.85	473.76	497.67	489.83	484.30
G 20.0	0.33	0.34	0.35	0.35	0.36	0.57	44.48	484.63	426.13	427.91	436.17	447.83	457.12
G 25.0	0.35	0.35	0.35	0.35	0.37	0.57	41.03	434.82	361.00	385.72	386.62	400.43	409.00
G 30.0	0.35	0.35	0.35	0.36	0.37	0.55	41.53	331.65	320.21	326.11	329.39	343.77	359.35
G 35.0	0.35	0.35	0.35	0.35	0.38	0.67	51.58	253.31	266.42	275.50	272.01	281.59	297.38
G 40.0	0.35	0.35	0.37	0.37	0.40	0.67	62.59	194.06	208.49	223.77	222.92	224.79	245.95
G 45.0	0.35	0.35	0.39	0.38	0.41	0.62	68.65	142.58	156.00	172.53	177.48	171.76	189.67
G 50.0	0.35	0.36	0.40	0.39	0.41	0.60	54.81	103.22	113.62	129.00	138.64	131.42	148.40
G 55.0	0.35	0.37	0.41	0.40	0.42	0.57	31.99	76.41	85.82	95.88	110.80	106.90	115.80
G 60.0	0.35	0.39	0.41	0.42	0.44	0.55	12.44	58.33	69.35	76.91	88.51	92.74	97.79
G 65.0	0.35	0.39	0.42	0.44	0.45	0.53	11.67	45.15	58.15	65.60	72.32	79.87	82.03
G 70.0	0.40	0.40	0.43	0.44	0.45	0.53	10.91	35.20	48.14	56.25	60.78	67.21	69.37
G 75.0	0.44	0.45	0.46	0.44	0.44	0.51	10.14	27.71	39.45	47.94	53.28	55.72	59.04
G 80.0	0.48	0.49	0.46	0.44	0.44	0.49	7.93	22.04	32.99	41.45	47.15	50.22	52.86
G 85.0	0.48	0.51	0.48	0.47	0.46	0.47	5.71	17.71	28.67	36.92	42.37	45.57	47.61
G 90.0	0.58	0.57	0.53	0.51	0.48	0.46	3.50	14.27	25.46	33.35	38.65	41.71	42.48
G 95.0	0.53	0.54	0.53	0.51	0.49	0.48	1.73	11.15	21.86	29.35	33.41	36.31	38.69
G100.0	0.53	0.53	0.53	0.51	0.50	0.51	0.91	8.76	18.94	26.36	31.41	34.52	35.64
G105.0	0.53	0.53	0.51	0.51	0.51	0.53	0.73	7.38	17.32	25.16	30.65	33.02	34.46
G110.0	0.53	0.52	0.51	0.52	0.51	0.55	1.04	7.04	16.81	24.34	28.98	31.88	32.96
G115.0	0.57	0.53	0.54	0.51	0.51	0.56	1.24	7.11	16.22	22.79	26.54	30.06	30.96
G120.0	0.57	0.55	0.55	0.52	0.51	0.58	1.36	6.88	14.57	20.14	24.42	27.55	28.84
G125.0	0.57	0.57	0.56	0.53	0.52	0.58	1.33	5.98	12.20	17.38	22.54	24.52	26.19
G130.0	0.62	0.59	0.57	0.54	0.54	0.59	1.20	4.86	10.00	15.31	20.15	21.43	23.32
G135.0	0.62	0.59	0.57	0.55	0.56	0.61	1.13	4.04	8.71	13.67	17.17	18.54	20.37
G140.0	0.61	0.58	0.57	0.54	0.56	0.64	1.25	3.70	7.67	11.77	14.36	15.88	17.43
G145.0	0.57	0.57	0.57	0.56	0.57	0.69	1.45	3.53	6.61	9.69	11.75	13.42	14.75
G150.0	0.57	0.58	0.57	0.58	0.59	0.73	1.57	3.20	5.36	7.69	9.25	10.95	11.96
G155.0	0.61	0.60	0.59	0.61	0.62	0.76	1.50	2.63	4.10	5.69	7.17	8.71	9.50
G160.0	0.62	0.62	0.63	0.64	0.64	0.77	1.29	2.03	2.98	4.13	5.41	6.51	7.02
G165.0	0.65	0.66	0.65	0.64	0.65	0.75	1.05	1.53	2.19	3.07	3.90	4.68	4.99
G170.0	0.66	0.66	0.65	0.64	0.64	0.70	0.86	1.15	1.54	2.00	2.52	2.85	3.00
G175.0	0.62	0.61	0.61	0.61	0.62	0.66	0.74	0.87	1.03	1.20	1.35	1.46	1.49
G180.0	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70

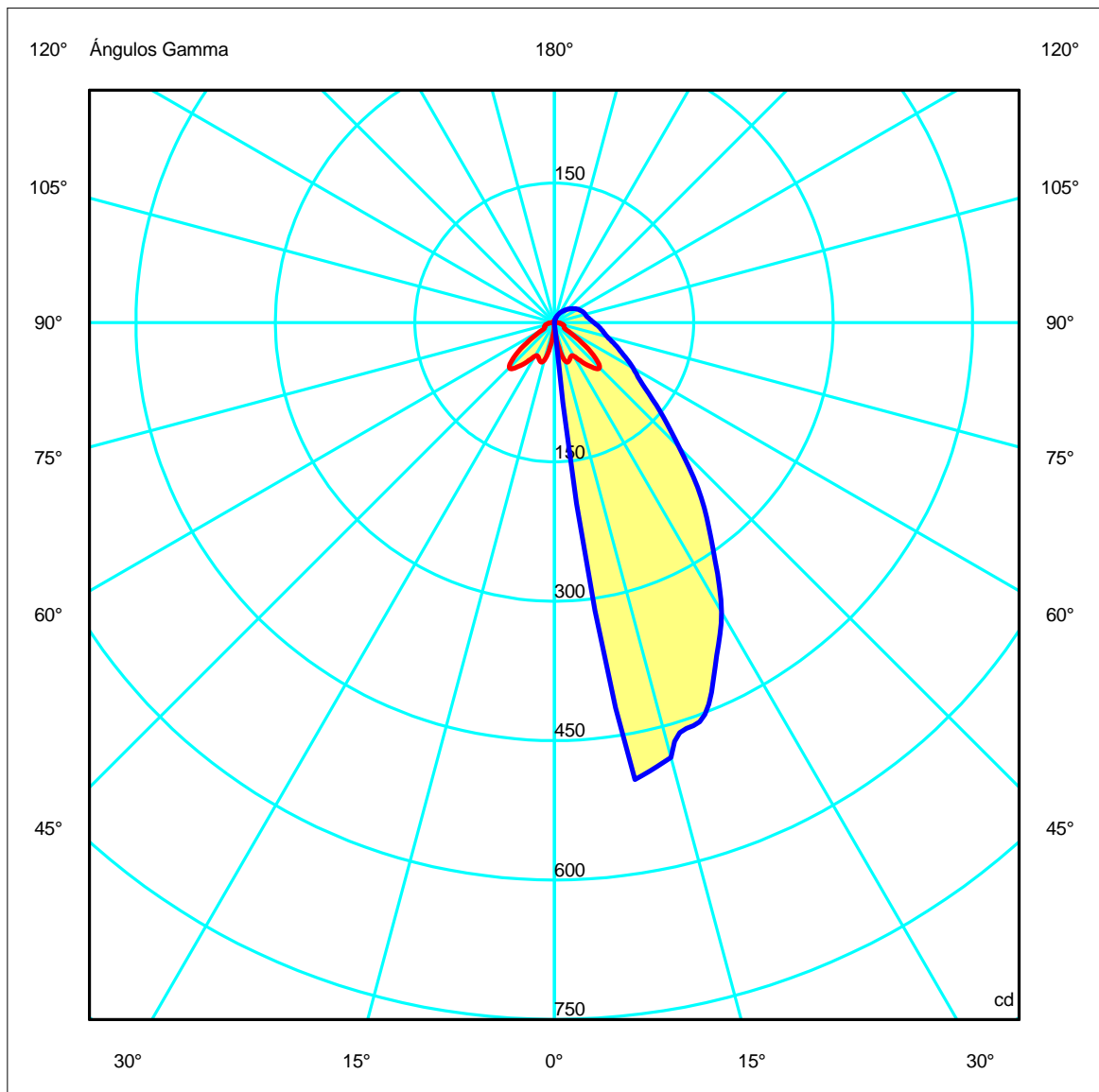
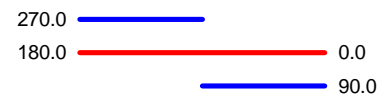
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215mm x 160mm



Semiplanos C

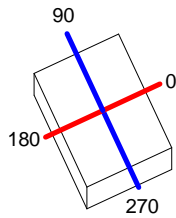


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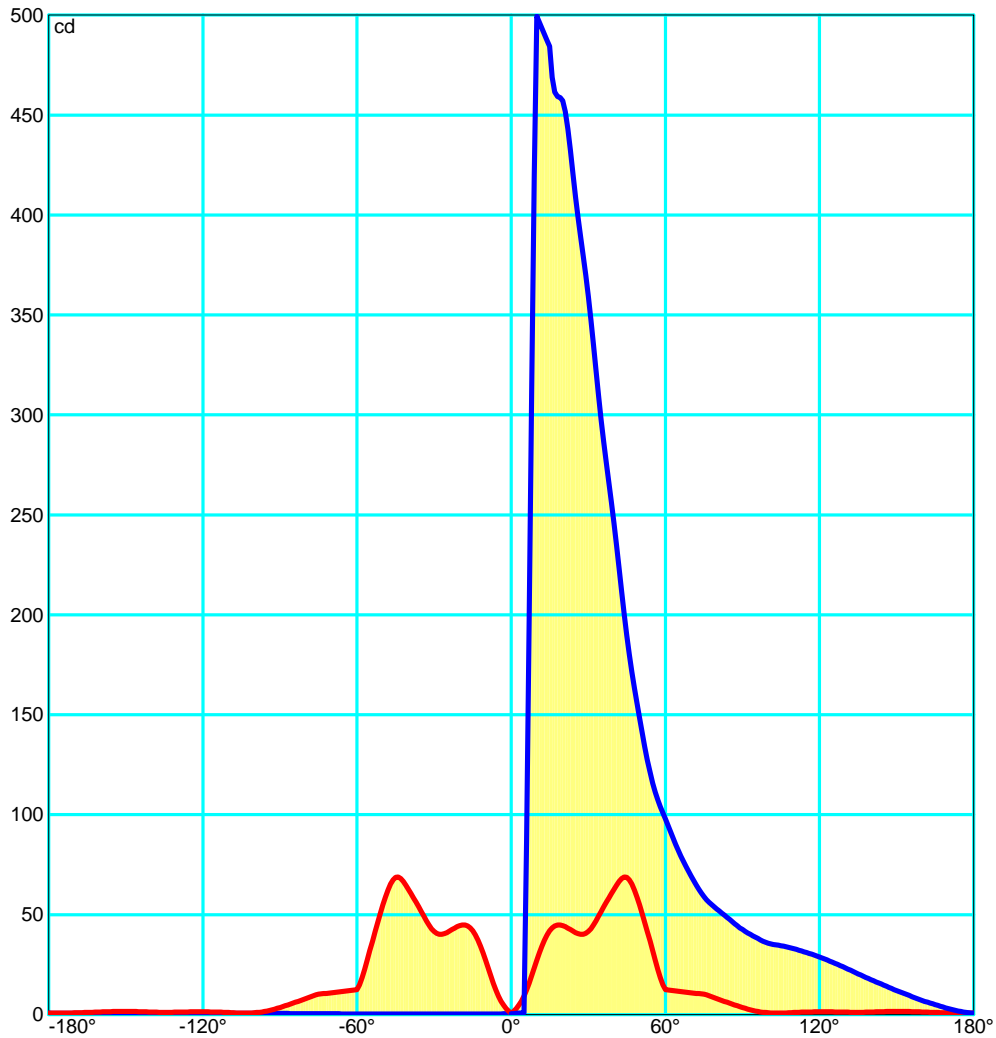
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215mm x 160mm



Semiplanos C
 270.0 ————
 180.0 ———— 0.0
 ———— 90.0



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UGR
S = 0.250

Reflectancias										
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	29.8	30.8	30.2	31.2	31.7	< 0	< 0	< 0	< 0	< 0
x=2H y=3H	30.4	31.4	30.9	31.9	32.3	< 0	< 0	< 0	0.0	0.5
x=2H y=4H	30.7	31.6	31.2	32.1	32.6	0.9	1.8	1.4	2.2	2.8
x=2H y=6H	31.0	31.9	31.6	32.4	32.9	3.6	4.4	4.1	4.9	5.4
x=2H y=8H	31.2	32.0	31.7	32.5	33.0	5.0	5.8	5.5	6.3	6.8
x=2H y=12H	31.3	32.1	31.9	32.6	33.2	6.5	7.3	7.1	7.8	8.4
x=4H y=2H	30.7	31.6	31.2	32.1	32.6	< 0	< 0	< 0	< 0	< 0
x=4H y=3H	31.9	32.6	32.4	33.2	33.7	0.3	1.1	0.9	1.6	2.2
x=4H y=4H	32.5	33.2	33.1	33.7	34.3	2.6	3.3	3.2	3.8	4.4
x=4H y=6H	33.0	33.6	33.6	34.2	34.8	5.4	6.0	6.0	6.6	7.2
x=4H y=8H	33.3	33.8	33.9	34.4	35.1	6.9	7.4	7.5	8.0	8.7
x=4H y=12H	33.5	34.0	34.1	34.6	35.3	8.5	9.0	9.1	9.6	10.3
x=8H y=4H	33.5	34.1	34.1	34.6	35.3	3.6	4.2	4.2	4.8	5.4
x=8H y=6H	34.5	34.9	35.1	35.5	36.2	6.6	7.0	7.2	7.6	8.3
x=8H y=8H	35.0	35.4	35.6	36.0	36.7	8.2	8.6	8.9	9.3	10.0
x=8H y=12H	35.4	35.8	36.1	36.4	37.2	10.1	10.4	10.7	11.1	11.8
x=12H y=4H	33.8	34.3	34.4	34.9	35.5	3.9	4.4	4.5	5.0	5.7
x=12H y=6H	35.0	35.4	35.6	36.0	36.7	6.9	7.3	7.6	8.0	8.7
x=12H y=8H	35.7	36.0	36.3	36.7	37.4	8.7	9.0	9.3	9.7	10.4

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Could not find 90270 right beam angle•gamma0180=44

Could not find 90270 right beam angle•gamma0180=44

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Flujo Total=463.98 Flujo Luminaria=463.98

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	0.40	0.47	0.54	0.60	0.64	0.72	0.77	0.80	0.84	0.87	0.92	0.96
RC	3	4	4	4	4	4	4	4	4	4	5	5

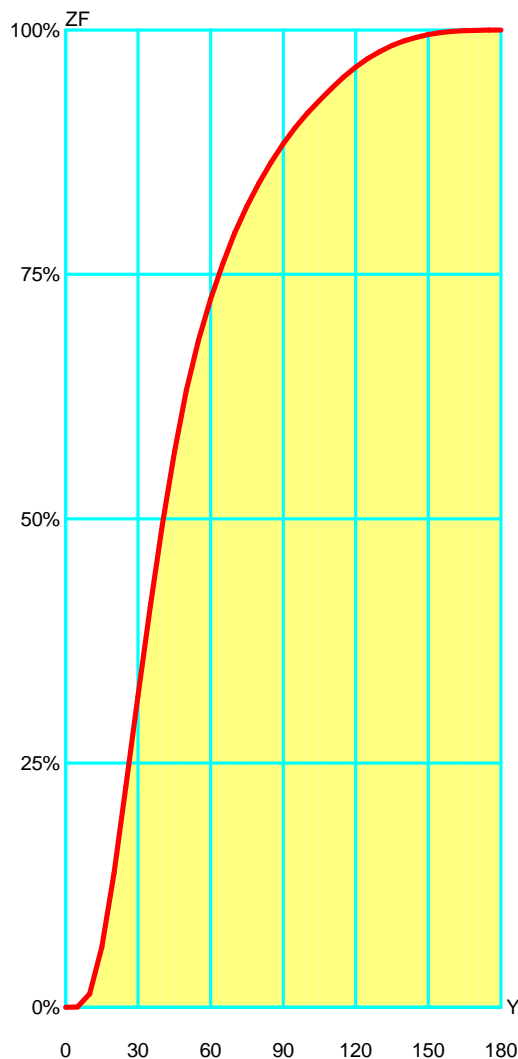
Flujo Zonal por 1000 Lúmenes

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	14	137	319	494	631	725	792	844	884	915	940	962	978	989	995	999	1000	1000

Códigos de Flujo C.I.E.

58 82 93 88 100

C.I.E.	3/4/4/4/4/4/4/4/4/5/5	LOR	100.00000 %
D DIN 5040	B41	ULOR	11.63890 %
F UTE	0.88 D + 0.12 T	DLOR	88.36110 %
B NBN	BZ 3 / 1.25 / BZ 4	UFF	11.63890 %
RN	11.63890 %	DFF	88.36110 %
BLF	1.0	FFR	13.17197 %



Gamma °	Flujo Zonal			
	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	0.37	0.37	0.04 %	0.04 %
10°	13.24	13.62	1.32 %	1.36 %
15°	47.81	61.43	4.78 %	6.14 %
20°	75.40	136.83	7.54 %	13.68 %
25°	88.80	225.63	8.88 %	22.56 %
30°	92.98	318.61	9.30 %	31.86 %
35°	90.61	409.21	9.06 %	40.92 %
40°	84.30	493.52	8.43 %	49.35 %
45°	74.76	568.28	7.48 %	56.83 %
50°	62.91	631.19	6.29 %	63.12 %
55°	51.36	682.55	5.14 %	68.26 %
60°	42.25	724.80	4.22 %	72.48 %
65°	36.05	760.85	3.61 %	76.09 %
70°	31.46	792.31	3.15 %	79.23 %
75°	27.32	819.63	2.73 %	81.96 %
80°	23.89	843.52	2.39 %	84.35 %
85°	21.19	864.71	2.12 %	86.47 %
90°	18.90	883.61	1.89 %	88.36 %
95°	16.57	900.18	1.66 %	90.02 %
100°	14.52	914.70	1.45 %	91.47 %
105°	13.26	927.96	1.33 %	92.80 %
110°	12.38	940.35	1.24 %	94.03 %
115°	11.45	951.80	1.15 %	95.18 %
120°	10.25	962.05	1.02 %	96.20 %
125°	8.82	970.87	0.88 %	97.09 %
130°	7.34	978.20	0.73 %	97.82 %
135°	5.97	984.17	0.60 %	98.42 %
140°	4.76	988.93	0.48 %	98.89 %
145°	3.70	992.63	0.37 %	99.26 %
150°	2.76	995.39	0.28 %	99.54 %
155°	1.94	997.33	0.19 %	99.73 %
160°	1.27	998.60	0.13 %	99.86 %
165°	0.77	999.37	0.08 %	99.94 %
170°	0.41	999.79	0.04 %	99.98 %
175°	0.17	999.96	0.02 %	100.00 %
180°	0.04	1000.00	0.00 %	100.00 %

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Isolux (Suelo)

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

