

Luminaria

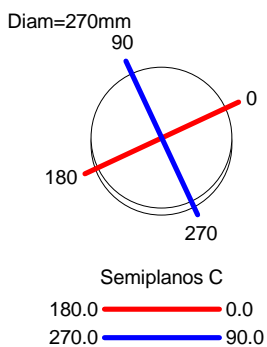
Código A691-100 (M)
Nombre DIPPING LIGHT M

Ensayo

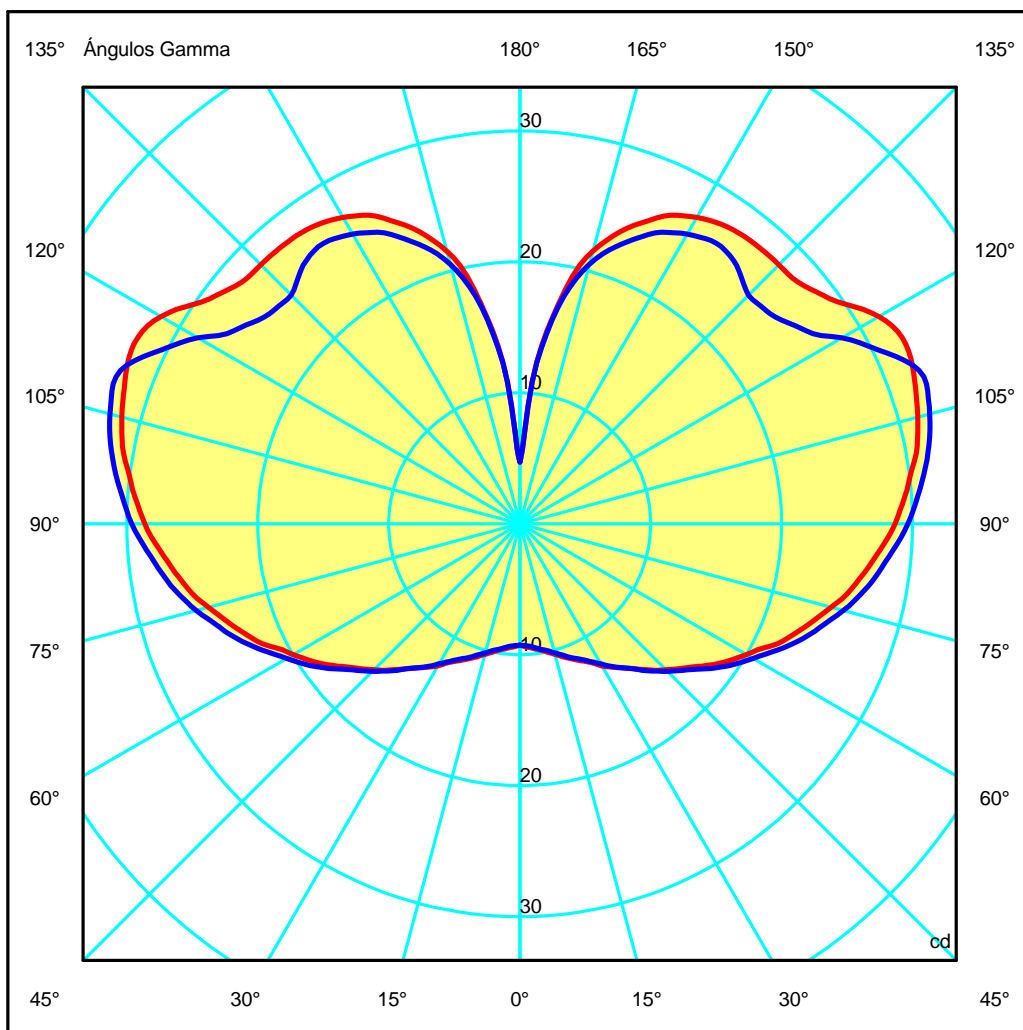
Código CL041A19F005G
Nombre DIPPING LIGHT M

Flujo Luminaria	312.19 lm	Potencia luminaria	11.72 W	Eficacia	26.64 lm/W	Eficiencia	100.00%
Flujo de Lámpara	312.19 lm	Valor Máximo	33.51 cd	Posición	C=60.00 G=125.00	CG	Bisimétrico
Luminaria Redonda		Diam.	270 mm	Altura	550 mm		
Área Luminosa Redonda		Diam.	270 mm	Altura	270 mm		
Área Luminosa Horizontal		0.057256 m2		Área Emisión sobre Pl. 180°		0.072900 m2	
Área Emisión sobre Pl. 0°		0.072900 m2		Área Emisión sobre Pl. 270°		0.072900 m2	
Área Emisión sobre Pl. 90°		0.072900 m2		Área de deslumbramiento a 76°		0.084586 m2	
Sist. de Coorden.		CG		Tipo de Simetría		Bisimétrico	
Fecha		21-01-2019		Máximo Ángulo Gamma		180	
Distancia de Ensayo		6.44		Flujo de Ensayo		312.19 lm	
Operador		Asselum T2		Tensión de alimentación [V]		230.29 V	
Temperatura		25.00 °C		Corriente de alimentación [A]		0.16 A	
Humedad		23.20 %		Fotocélula		Prc	
Notas		RM18121703; RM18121701.8					

Lámparas de la Luminaria					
Familia	Código LED	Nombre LED	Flujo [lm]	Pot. [W]	Cant.
C.I.E.	15 37 66 40 100		312.19	11.72	1
F UTE	--	D DIN 5040 B NBN	D12 BZ 10		



ULOR 59.94 %
DLOR 40.06 %
RN 59.94 %



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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	9.26	9.26	9.26	9.26	9.26	9.26	9.26
G 2.5	9.38	9.29	9.32	9.30	9.32	9.27	9.30
G 5.0	9.50	9.40	9.43	9.40	9.44	9.38	9.39
G 7.5	9.64	9.53	9.58	9.55	9.56	9.53	9.55
G 10.0	9.82	9.74	9.77	9.73	9.73	9.71	9.74
G 12.5	10.05	9.96	9.95	9.92	9.96	9.93	9.94
G 15.0	10.30	10.22	10.17	10.15	10.21	10.18	10.19
G 17.5	10.61	10.48	10.46	10.43	10.47	10.46	10.47
G 20.0	10.93	10.77	10.78	10.76	10.76	10.79	10.81
G 22.5	11.22	11.14	11.13	11.11	11.10	11.12	11.12
G 25.0	11.57	11.52	11.48	11.45	11.51	11.47	11.45
G 27.5	11.95	11.91	11.88	11.85	11.91	11.89	11.86
G 30.0	12.51	12.30	12.28	12.29	12.31	12.39	12.34
G 32.5	12.95	12.74	12.78	12.80	12.77	12.85	12.89
G 35.0	13.42	13.29	13.27	13.30	13.33	13.38	13.38
G 37.5	13.92	13.86	13.78	13.84	13.91	13.95	13.91
G 40.0	14.50	14.39	14.37	14.45	14.49	14.58	14.59
G 42.5	15.16	14.93	14.96	15.04	15.07	15.22	15.24
G 45.0	15.75	15.59	15.63	15.73	15.75	15.93	15.91
G 47.5	16.37	16.27	16.24	16.36	16.49	16.57	16.58
G 50.0	17.02	17.02	16.93	17.05	17.25	17.36	17.28
G 52.5	17.79	17.69	17.67	17.78	17.95	18.11	18.14
G 55.0	18.58	18.35	18.42	18.56	18.66	18.93	19.01
G 57.5	19.27	19.18	19.18	19.36	19.52	19.74	19.79
G 60.0	19.97	19.97	19.91	20.11	20.35	20.56	20.55
G 62.5	20.68	20.74	20.73	20.94	21.18	21.36	21.37
G 65.0	21.69	21.47	21.50	21.76	21.94	22.30	22.31
G 67.5	22.39	22.20	22.35	22.61	22.79	23.06	23.17
G 70.0	23.11	23.06	23.15	23.40	23.68	23.90	23.96
G 72.5	23.84	23.90	23.90	24.20	24.48	24.68	24.70
G 75.0	24.61	24.60	24.69	25.01	25.23	25.51	25.58
G 77.5	25.44	25.31	25.43	25.76	25.94	26.30	26.34
G 80.0	26.07	26.02	26.17	26.50	26.69	27.03	27.06
G 82.5	26.72	26.72	26.83	27.16	27.45	27.68	27.69
G 85.0	27.34	27.44	27.52	27.85	28.14	28.37	28.32
G 87.5	28.04	28.02	28.16	28.50	28.74	28.98	28.99
G 90.0	28.64	28.56	28.77	29.11	29.31	29.62	29.65
G 92.5	29.14	29.20	29.33	29.67	29.90	30.17	30.16
G 95.0	29.67	29.76	29.82	30.14	30.46	30.67	30.67
G 97.5	30.14	30.24	30.36	30.66	30.96	31.16	31.19
G100.0	30.73	30.66	30.81	31.14	31.40	31.64	31.66
G102.5	31.12	31.06	31.27	31.55	31.83	32.06	32.07
G105.0	31.47	31.47	31.64	31.93	32.21	32.40	32.40
G107.5	31.77	31.85	31.95	32.27	32.53	32.71	32.69
G110.0	32.08	32.11	32.29	32.57	32.80	32.98	32.83
G112.5	32.39	32.34	32.51	32.79	33.01	33.23	32.17
G115.0	32.52	32.55	32.71	32.97	33.19	33.39	30.90
G117.5	32.29	32.67	32.88	33.12	33.36	33.40	29.65
G120.0	31.67	32.41	33.00	33.22	33.45	32.74	28.41
G122.5	30.69	31.83	33.07	33.30	33.50	31.96	26.88
G125.0	29.58	31.18	33.09	33.33	33.51	30.96	26.11
G127.5	28.88	30.42	33.08	33.29	33.49	29.99	25.43
G130.0	28.30	29.63	33.04	33.24	33.42	29.15	24.98
G132.5	28.01	28.98	32.96	33.11	33.26	28.42	24.78
G135.0	27.97	28.40	32.81	32.91	32.99	27.73	24.71
G137.5	27.96	27.94	32.46	32.56	32.43	27.17	25.18
G140.0	27.91	27.55	31.76	32.11	31.47	26.82	25.75
G142.5	27.84	27.35	30.72	31.58	30.43	26.57	26.07
G145.0	27.69	27.14	29.41	30.87	29.11	26.28	26.16
G147.5	27.39	26.86	28.02	30.02	27.85	25.89	25.92
G150.0	27.03	26.49	26.79	28.82	26.51	25.44	25.55
G152.5	26.55	25.97	25.89	27.34	25.32	24.92	25.09
G155.0	25.93	25.34	25.10	25.42	24.47	24.30	24.52
G157.5	24.97	24.62	24.36	23.42	23.66	23.55	23.65
G160.0	24.05	23.69	23.29	21.94	22.63	22.60	22.73
G162.5	22.89	22.29	21.94	20.67	21.20	21.44	21.78
G165.0	21.58	20.90	20.35	19.57	19.72	20.33	20.53
G167.5	19.81	19.04	18.12	17.59	17.69	18.67	18.91
G170.0	17.09	16.91	15.80	15.40	15.63	16.55	16.80
G172.5	14.31	14.35	12.98	12.72	13.19	14.01	14.08
G175.0	10.88	10.59	10.22	9.62	10.05	10.64	10.86
G177.5	6.30	6.32	6.31	5.89	6.47	6.47	6.36
G180.0	4.73	4.73	4.73	4.73	4.73	4.73	4.73

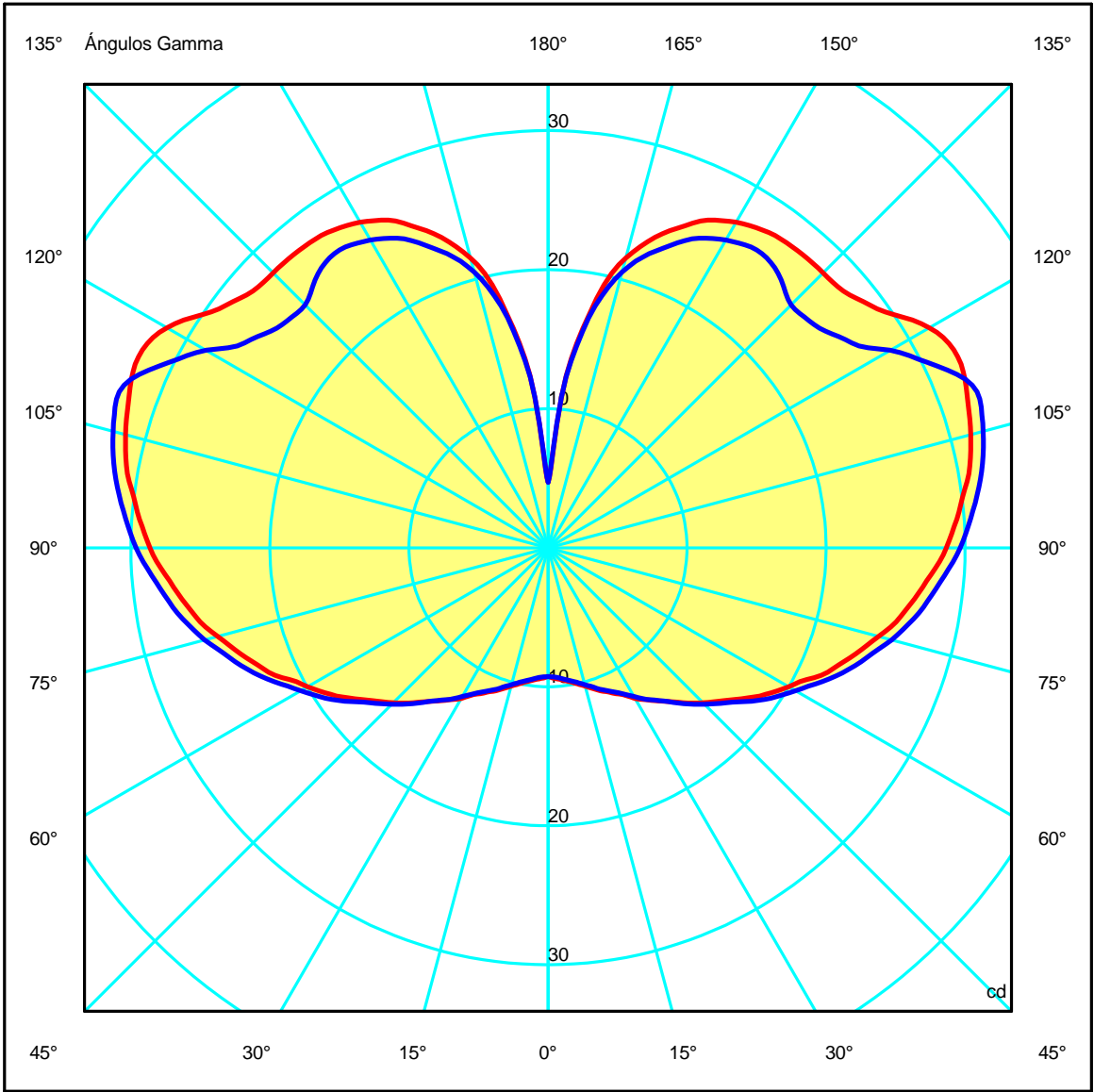
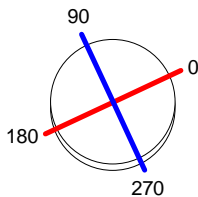
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Diam=270mm

Semiplanos C

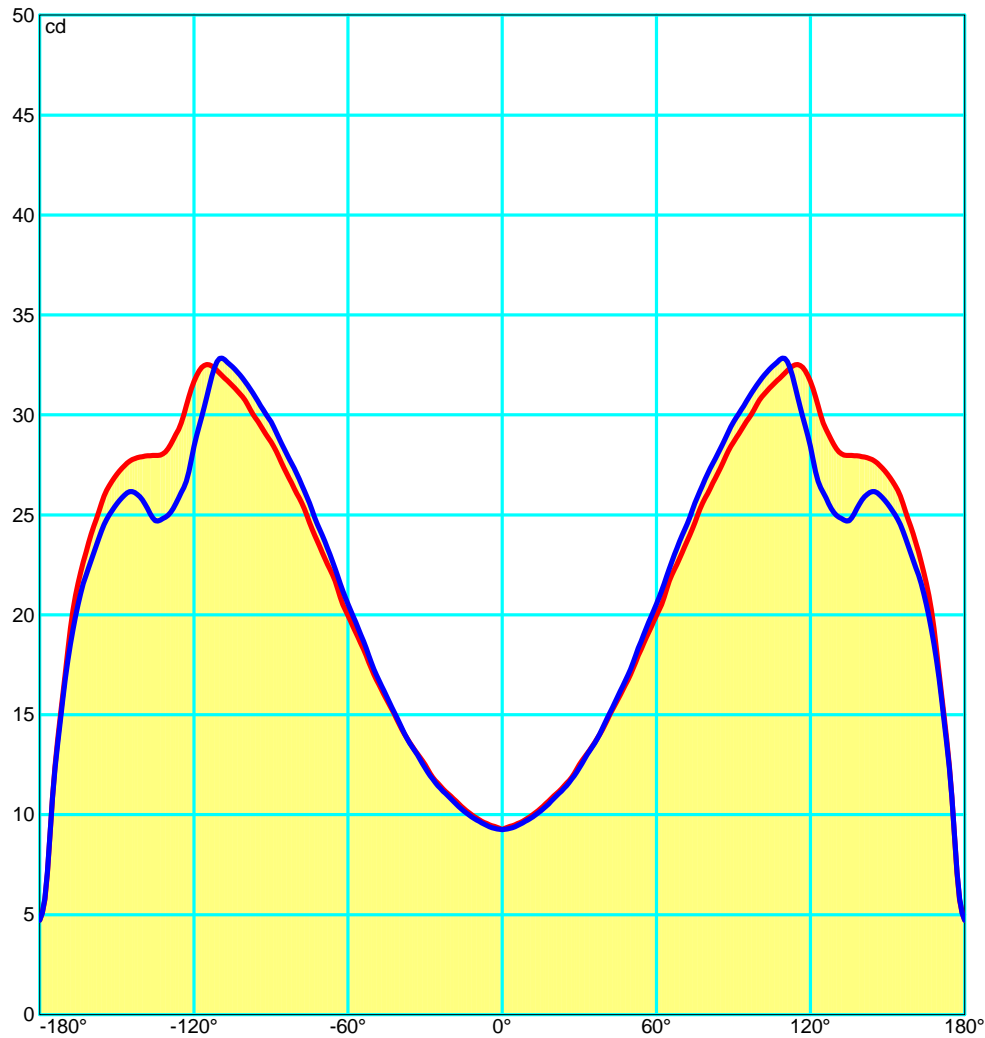
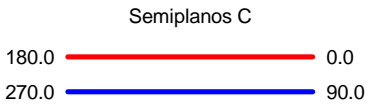
180.0 ————— 0.0
270.0 ————— 90.0



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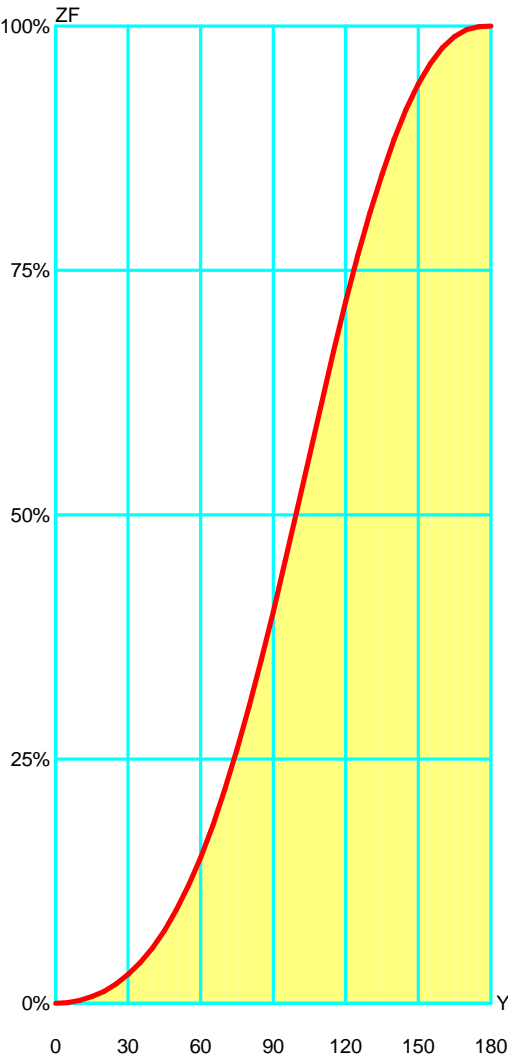
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UGR
S = 0.250

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	2.3	3.1	3.2	4.1	5.5	2.4	3.3	3.4	4.3	5.6
x=2H y=3H	5.5	6.3	6.5	7.3	8.7	5.7	6.5	6.7	7.6	8.9
x=2H y=4H	7.2	8.0	8.2	9.0	10.4	7.5	8.2	8.5	9.2	10.6
x=2H y=6H	8.9	9.6	9.9	10.7	12.1	9.2	9.9	10.2	10.9	12.3
x=2H y=8H	9.8	10.4	10.8	11.5	12.9	10.0	10.7	11.0	11.7	13.1
x=2H y=12H	10.6	11.2	11.6	12.3	13.7	10.8	11.5	11.9	12.5	14.0
x=4H y=2H	3.4	4.2	4.5	5.2	6.6	3.6	4.3	4.6	5.3	6.7
x=4H y=3H	6.8	7.4	7.8	8.5	9.9	6.9	7.6	8.0	8.6	10.0
x=4H y=4H	8.5	9.1	9.6	10.2	11.6	8.7	9.3	9.8	10.4	11.8
x=4H y=6H	10.4	10.9	11.4	12.0	13.4	10.6	11.1	11.7	12.2	13.6
x=4H y=8H	11.3	11.8	12.3	12.8	14.3	11.5	12.0	12.6	13.1	14.5
x=4H y=12H	12.2	12.6	13.3	13.7	15.2	12.4	12.9	13.5	14.0	15.4
x=8H y=4H	9.3	9.8	10.3	10.8	12.3	9.4	9.9	10.5	11.0	12.5
x=8H y=6H	11.3	11.7	12.4	12.8	14.3	11.5	11.9	12.6	13.0	14.5
x=8H y=8H	12.4	12.7	13.5	13.8	15.3	12.6	12.9	13.7	14.0	15.5
x=8H y=12H	13.4	13.8	14.5	14.9	16.4	13.6	14.0	14.7	15.1	16.6
x=12H y=4H	9.5	9.9	10.5	11.0	12.5	9.6	10.0	10.7	11.1	12.6
x=12H y=6H	11.6	11.9	12.7	13.1	14.5	11.7	12.1	12.8	13.2	14.7
x=12H y=8H	12.7	13.0	13.8	14.2	15.6	12.9	13.2	14.0	14.3	15.8

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Flujo Total=312.19 Flujo Luminaria=312.19																		
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	0.09	0.14	0.19	0.24	0.28	0.36	0.42	0.47	0.55	0.60	0.74	0.84						
RC	10	10	10	-	-	-	-	-	-	-	-	-						
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)	3	12	29	56	96	149	219	303	401	506	614	718	809	884	941	978	996	1000
Códigos de Flujo C.I.E.																		
15 37 66 40 100																		
C.I.E.	10/10/10/-/-/-/-/-/-/-/-/-/-												LOR	100.00000 %				
D DIN 5040	D12												ULOR	59.93810 %				
F UTE	--												DLOR	40.06190 %				
B NBN	BZ 10												UFF	59.93810 %				
RN	59.93810 %												DFF	40.06190 %				
BLF	1.0												FFR	149.61374 %				



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	0.72	0.72	0.07 %	0.07 %
10°	2.20	2.91	0.22 %	0.29 %
15°	3.79	6.70	0.38 %	0.67 %
20°	5.54	12.24	0.55 %	1.22 %
25°	7.49	19.73	0.75 %	1.97 %
30°	9.66	29.38	0.97 %	2.94 %
35°	12.10	41.48	1.21 %	4.15 %
40°	14.85	56.34	1.49 %	5.63 %
45°	17.91	74.24	1.79 %	7.42 %
50°	21.26	95.51	2.13 %	9.55 %
55°	24.90	120.40	2.49 %	12.04 %
60°	28.75	149.16	2.88 %	14.92 %
65°	32.72	181.87	3.27 %	18.19 %
70°	36.73	218.60	3.67 %	21.86 %
75°	40.59	259.19	4.06 %	25.92 %
80°	44.17	303.36	4.42 %	30.34 %
85°	47.31	350.67	4.73 %	35.07 %
90°	49.95	400.62	5.00 %	40.06 %
95°	51.99	452.61	5.20 %	45.26 %
100°	53.38	505.99	5.34 %	50.60 %
105°	54.08	560.06	5.41 %	56.01 %
110°	53.99	614.05	5.40 %	61.41 %
115°	52.99	667.04	5.30 %	66.70 %
120°	50.89	717.93	5.09 %	71.79 %
125°	47.49	765.42	4.75 %	76.54 %
130°	43.53	808.95	4.35 %	80.89 %
135°	39.51	848.46	3.95 %	84.85 %
140°	35.39	883.85	3.54 %	88.39 %
145°	30.89	914.75	3.09 %	91.47 %
150°	25.98	940.73	2.60 %	94.07 %
155°	20.98	961.71	2.10 %	96.17 %
160°	16.12	977.83	1.61 %	97.78 %
165°	11.45	989.28	1.14 %	98.93 %
170°	7.01	996.29	0.70 %	99.63 %
175°	3.13	999.42	0.31 %	99.94 %
180°	0.58	1000.00	0.06 %	100.00 %

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Isolux (Techo)

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

