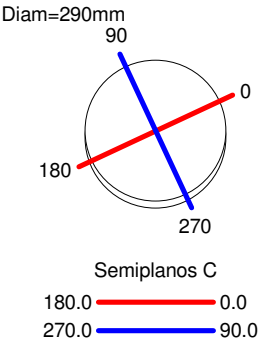


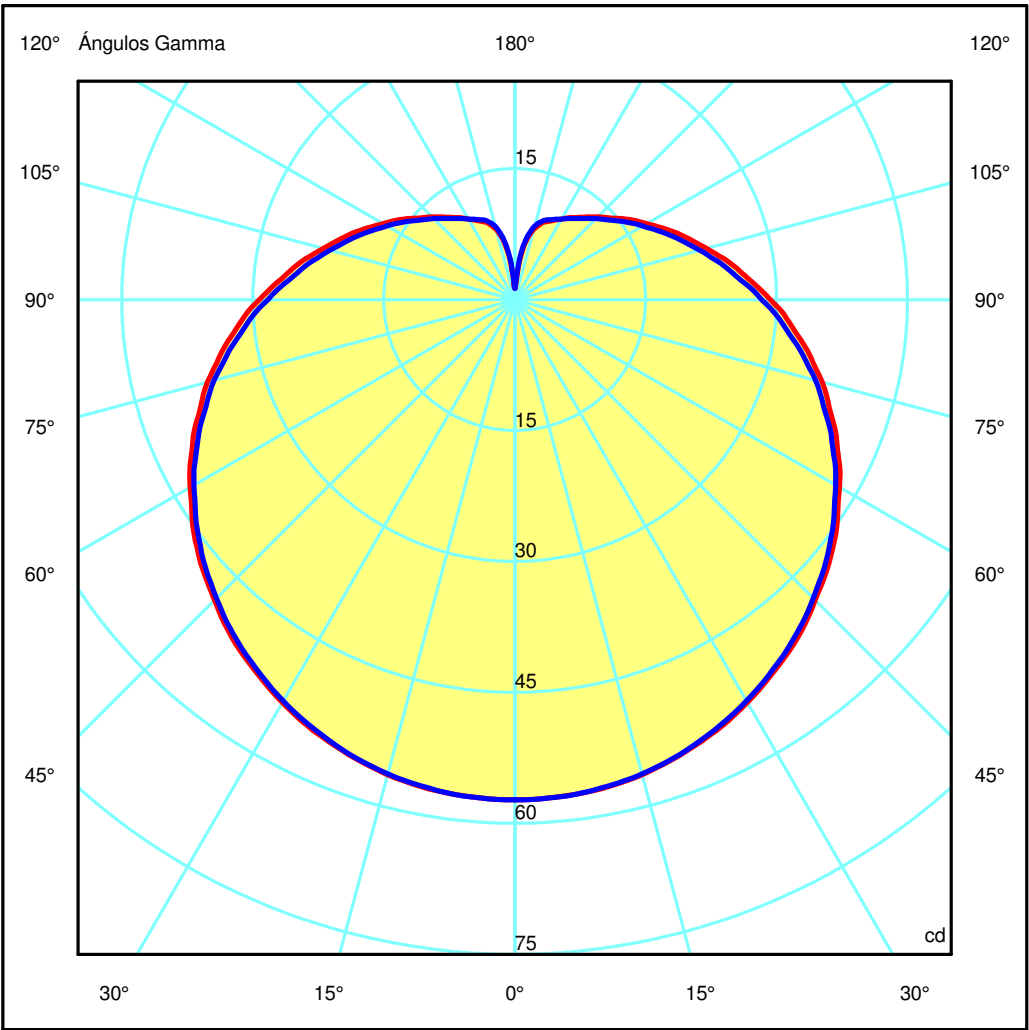
Luminaria
Código A691-280
Nombre DIPPING LIGHT 30 OFF-WHITE
Ensayo
Código CL041A20F003G
Nombre DIPPING LIGHT 30 OFF-WHITE

Flujo Luminaria	379.06 lm	Potencia luminaria	11.56 W	Eficacia	32.78 lm/W	Eficiencia	100.00%
Flujo Fuentes	379.06 lm	Valor Máximo	57.30 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico
Luminaria Redonda		Diam.	290 mm	Altura	260 mm		
Área Luminosa Redonda		Diam.	290 mm	Altura	250 mm		
Área Luminosa Horizontal		0.066052 m2		Área Emisión sobre Pl. 180°		0.072500 m2	
Área Emisión sobre Pl. 0°		0.072500 m2		Área Emisión sobre Pl. 270°		0.072500 m2	
Área Emisión sobre Pl. 90°		0.072500 m2		Área de deslumbramiento a 76°		0.086326 m2	
Sist. de Coordén.		CG		Tipo de Simetría		Bisimétrico	
Fecha		05-03-2020		Máximo Ángulo Gamma		180	
Distancia de Ensayo		6.44		Flujo de Ensayo		379.06 lm	
Operador		Asselum T2		Tensión Nominal		230.25 V	
Temperatura		24.70 °C		Corriente Nominal		0.05 A	
Humedad		36.30 %		Fotocélula		Prc	
Notas		RM20022603.3					

Familia		Código		Lámparas de la Luminaria		Flujo [lm]	Pot. [W]	Cant.
		LED		Nombre LED		379.06	11.56	1
C.I.E.	31 58 81 71 100			D DIN 5040 B NBN		B21	BZ 7 / 0.8 / BZ 6 / 1 / BZ 7	
F UTE	0.71 H + 0.29 T							



ULOR 29.09 %
DLOR 70.91 %
RN 29.09 %



Luminaria

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Flujo Fuentes	379.06 lm	Valor Máximo	57.30 cd	Posición	C=0.00 G=0.00	CG Bisimétrico	

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	57	57	57	57	57	57	57
G 2.5	57	57	57	57	57	57	57
G 5.0	57	57	57	57	57	57	57
G 7.5	57	57	57	57	57	57	57
G 10.0	57	57	57	57	57	57	57
G 12.5	57	57	57	57	57	57	57
G 15.0	56	56	56	56	56	56	56
G 17.5	56	56	56	56	56	56	56
G 20.0	55	55	55	55	55	55	55
G 22.5	55	55	55	55	55	55	55
G 25.0	54	54	54	54	54	54	54
G 27.5	54	54	54	54	54	54	54
G 30.0	53	53	53	53	53	53	53
G 32.5	53	53	53	53	52	52	52
G 35.0	52	52	52	52	52	52	52
G 37.5	51	51	51	51	51	51	51
G 40.0	50	50	50	50	50	50	50
G 42.5	50	50	49	49	49	49	49
G 45.0	49	49	49	49	48	48	48
G 47.5	48	48	48	48	48	47	47
G 50.0	47	47	47	47	47	47	47
G 52.5	46	46	46	46	46	46	46
G 55.0	45	45	45	45	45	45	45
G 57.5	44	44	44	44	44	44	43
G 60.0	43	43	43	43	43	43	42
G 62.5	42	42	42	42	42	41	41
G 65.0	41	41	41	41	40	40	40
G 67.5	40	40	40	39	39	39	39
G 70.0	39	38	38	38	38	38	38
G 72.5	38	37	37	37	37	37	37
G 75.0	36	36	36	36	36	36	36
G 77.5	35	35	35	35	35	35	34
G 80.0	34	34	34	34	33	33	33
G 82.5	33	33	32	32	32	32	32
G 85.0	32	32	31	31	31	31	31
G 87.5	31	30	30	30	30	30	30
G 90.0	29	29	29	29	29	28	28
G 92.5	28	28	28	28	27	27	27
G 95.0	27	27	27	26	26	26	26
G 97.5	26	26	26	25	25	25	25
G100.0	25	25	24	24	24	24	24
G102.5	24	24	23	23	23	23	23
G105.0	23	23	22	22	22	22	22
G107.5	22	22	22	21	21	21	21
G110.0	21	21	21	21	20	20	20
G112.5	20	20	20	20	19	19	19
G115.0	19	19	19	19	19	19	18
G117.5	18	18	18	18	18	18	18
G120.0	17	17	17	17	17	17	17
G122.5	17	17	16	16	16	16	16
G125.0	16	16	16	16	16	16	15
G127.5	15	15	15	15	15	15	15
G130.0	15	15	14	14	14	14	14
G132.5	14	14	14	14	14	14	14
G135.0	13	13	13	13	13	13	13
G137.5	13	13	13	13	13	13	13
G140.0	12	12	12	12	12	12	12
G142.5	12	12	12	12	12	12	12
G145.0	11	11	11	11	11	11	11
G147.5	11	11	11	11	11	11	11
G150.0	11	11	11	11	11	11	11
G152.5	10	10	10	10	10	10	10
G155.0	10	10	10	10	10	10	10
G157.5	10	10	10	10	10	10	10
G160.0	9	9	9	9	10	10	10
G162.5	9	9	9	9	9	9	9
G165.0	8	8	8	8	9	9	9
G167.5	8	7	7	7	8	8	8
G170.0	6	6	6	6	7	7	7
G172.5	5	5	5	5	5	5	5
G175.0	3	3	3	3	3	3	3
G177.5	1	2	2	2	2	2	2
G180.0	1	1	1	1	1	1	1

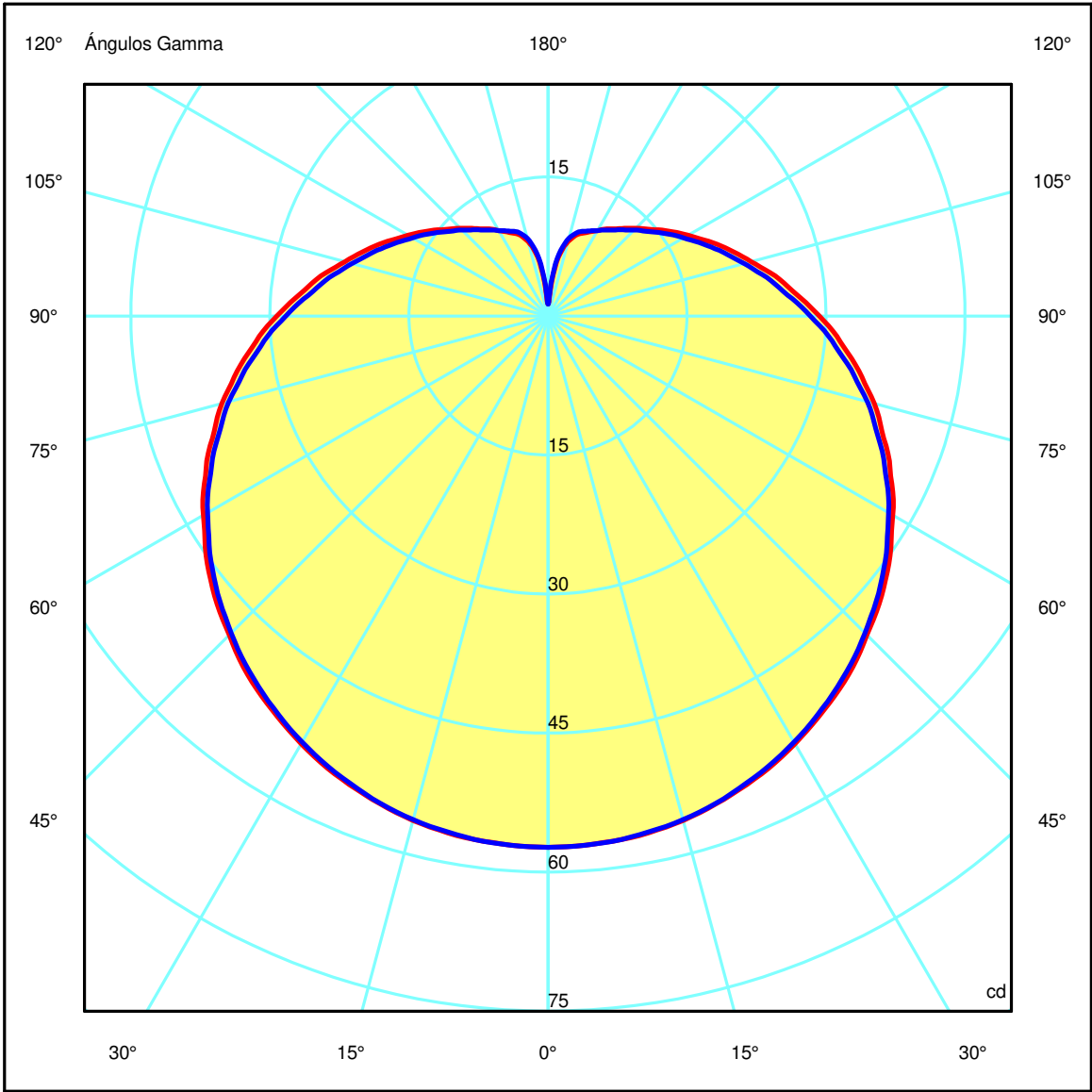
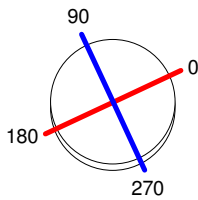
Luminaria
Código A691-280
Nombre DIPPING LIGHT 30 OFF-WHITE
Ensayo
Código CL041A20F003G
Nombre DIPPING LIGHT 30 OFF-WHITE

Flujo Luminaria	379.06 lm	Potencia luminaria	11.56 W	Eficacia	32.78 lm/W	Eficiencia	100.00%
Flujo Fuentes	379.06 lm	Valor Máximo	57.30 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

Diam=290mm

Semiplanos C

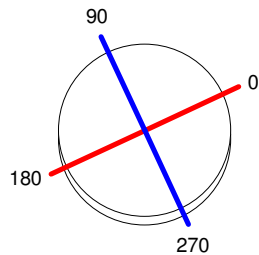
180.0 ————— 0.0
270.0 ————— 90.0



Luminaria
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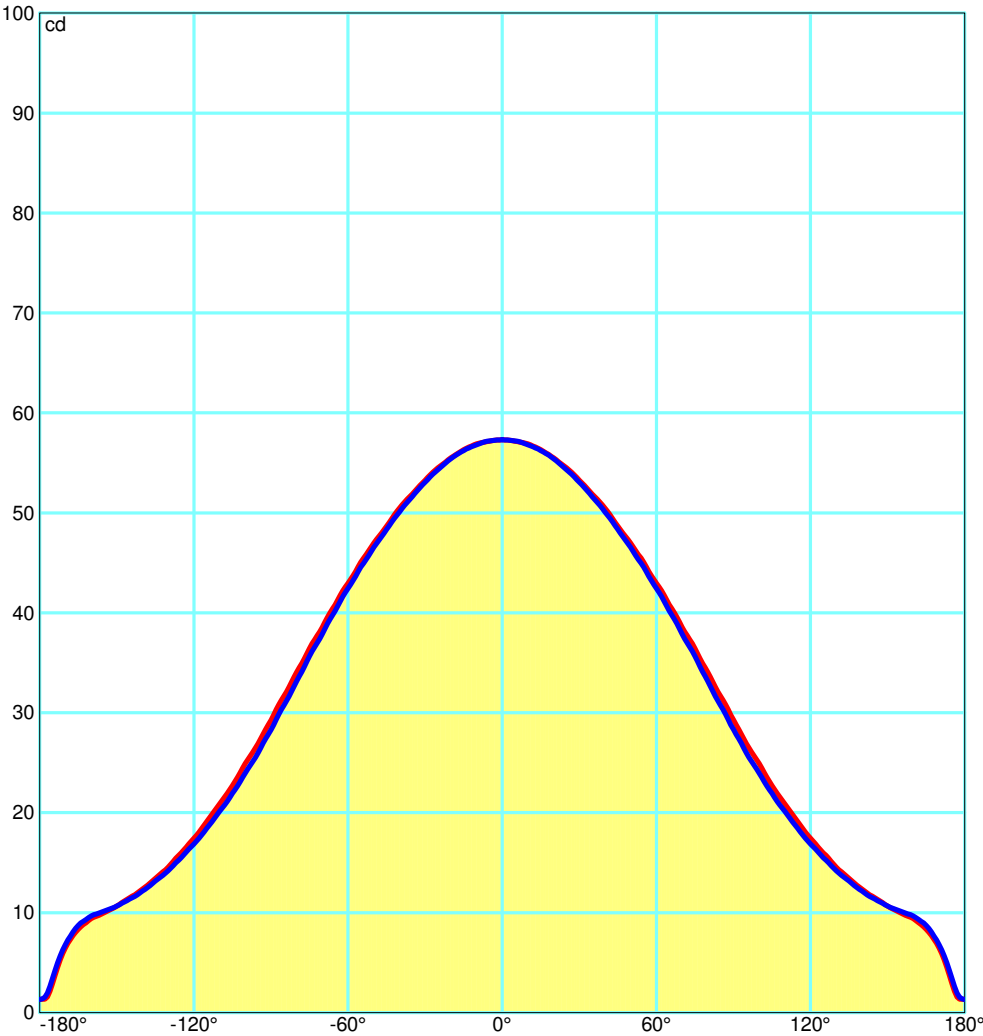
Flujo Luminaria	379.06 lm	Potencia luminaria	11.56 W	Eficacia	32.78 lm/W	Eficiencia	100.00%
Flujo Fuentes	379.06 lm	Valor Máximo	57.30 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

Diam=290mm



Semiplanos C

180.0	—	0.0
270.0	—	90.0



Luminaria

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Ensayo

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Flujo Luminaria	379.06 lm	Potencia luminaria	11.56 W	Eficacia	32.78 lm/W	Eficiencia	100.00%
Flujo Fuentes	379.06 lm	Valor Máximo	57.30 cd	Posición	C=0.00 G=0.00	CG Bisimétrico	

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	7.8	8.9	8.5	9.6	10.4	7.8	8.9	8.4	9.6	10.4
x=2H y=3H	10.0	11.0	10.7	11.7	12.6	9.9	11.0	10.6	11.7	12.5
x=2H y=4H	11.1	12.1	11.8	12.8	13.7	11.0	12.0	11.7	12.7	13.6
x=2H y=6H	12.2	13.1	12.9	13.8	14.7	12.1	13.0	12.8	13.7	14.6
x=2H y=8H	12.7	13.6	13.4	14.3	15.2	12.6	13.4	13.3	14.2	15.1
x=2H y=12H	13.2	14.0	13.9	14.8	15.7	13.1	13.9	13.8	14.7	15.6
x=4H y=2H	8.6	9.6	9.4	10.3	11.2	8.6	9.6	9.3	10.3	11.2
x=4H y=3H	11.0	11.8	11.8	12.6	13.5	10.9	11.8	11.7	12.5	13.5
x=4H y=4H	12.2	13.0	13.0	13.8	14.7	12.2	12.9	12.9	13.7	14.7
x=4H y=6H	13.5	14.2	14.3	15.0	15.9	13.4	14.1	14.2	14.9	15.8
x=4H y=8H	14.1	14.7	14.9	15.5	16.5	14.0	14.6	14.8	15.4	16.4
x=4H y=12H	14.7	15.3	15.5	16.1	17.1	14.5	15.1	15.4	16.0	17.0
x=8H y=4H	12.8	13.4	13.6	14.2	15.2	12.7	13.3	13.5	14.1	15.1
x=8H y=6H	14.2	14.7	15.0	15.6	16.6	14.1	14.7	15.0	15.5	16.5
x=8H y=8H	15.0	15.4	15.8	16.3	17.3	14.9	15.3	15.7	16.2	17.2
x=8H y=12H	15.7	16.1	16.6	17.0	18.1	15.6	16.0	16.5	16.9	18.0
x=12H y=4H	12.8	13.4	13.7	14.2	15.2	12.8	13.4	13.6	14.2	15.2
x=12H y=6H	14.4	14.9	15.2	15.7	16.7	14.3	14.8	15.2	15.6	16.7
x=12H y=8H	15.2	15.6	16.1	16.5	17.6	15.1	15.5	16.0	16.4	17.5

Luminaria
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Flujo Fuentes	379.06 lm	Valor Máximo	57.30 cd	Posición	C=0.00 G=0.00	CG Bisimétrico	

Flujo Total=379.06 Flujo Luminaria=379.06

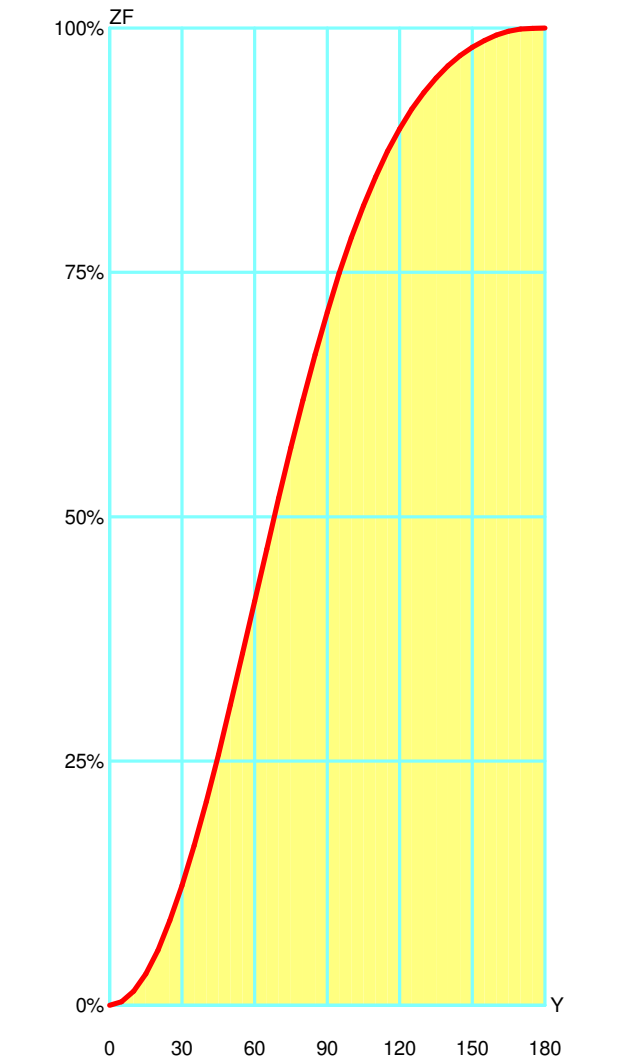
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.20	0.27	0.33	0.39	0.44	0.52	0.58	0.63	0.69	0.73	0.84	0.90
RC	8	8	8	8	8	8	8	8	8	8	8	8

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)	14	56	123	208	307	413	519	620	709	785	848	897	934	961	980	993	999	1000

Códigos de Flujo C.I.E.
31 58 81 71 100

C.I.E.	8	LOR	100.00000 %
D DIN 5040	B21	ULOR	29.08541 %
F UTE	0.71 H + 0.29 T	DLOR	70.91459 %
B NBN	BZ 7 / 0.8 / BZ 6 / 1 / BZ 7	UFF	29.08541 %
RN	29.08541 %	DFF	70.91459 %
BLF	1.0	FFR	41.01470 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	3.61	3.61	0.36 %	0.36 %
10°	10.76	14.37	1.08 %	1.44 %
15°	17.70	32.07	1.77 %	3.21 %
20°	24.28	56.36	2.43 %	5.64 %
25°	30.38	86.74	3.04 %	8.67 %
30°	35.91	122.65	3.59 %	12.26 %
35°	40.76	163.41	4.08 %	16.34 %
40°	44.91	208.32	4.49 %	20.83 %
45°	48.26	256.58	4.83 %	25.66 %
50°	50.79	307.37	5.08 %	30.74 %
55°	52.50	359.87	5.25 %	35.99 %
60°	53.35	413.22	5.33 %	41.32 %
65°	53.40	466.62	5.34 %	46.66 %
70°	52.65	519.27	5.27 %	51.93 %
75°	51.18	570.45	5.12 %	57.04 %
80°	49.07	619.52	4.91 %	61.95 %
85°	46.37	665.89	4.64 %	66.59 %
90°	43.26	709.15	4.33 %	70.91 %
95°	39.83	748.98	3.98 %	74.90 %
100°	36.37	785.35	3.64 %	78.53 %
105°	32.90	818.25	3.29 %	81.82 %
110°	29.49	847.74	2.95 %	84.77 %
115°	26.22	873.95	2.62 %	87.40 %
120°	23.04	897.00	2.30 %	89.70 %
125°	20.06	917.06	2.01 %	91.71 %
130°	17.27	934.33	1.73 %	93.43 %
135°	14.72	949.05	1.47 %	94.90 %
140°	12.43	961.47	1.24 %	96.15 %
145°	10.37	971.84	1.04 %	97.18 %
150°	8.55	980.39	0.85 %	98.04 %
155°	6.92	987.31	0.69 %	98.73 %
160°	5.41	992.71	0.54 %	99.27 %
165°	3.89	996.60	0.39 %	99.66 %
170°	2.32	998.92	0.23 %	99.89 %
175°	0.94	999.86	0.09 %	99.99 %
180°	0.14	1000.00	0.01 %	100.00 %

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Flujo Fuentes	379.06 lm	Valor Máximo	57.30 cd	Posición	C=0.00 G=0.00	CG	Bisimétrico

Isolux (Suelo)

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

