

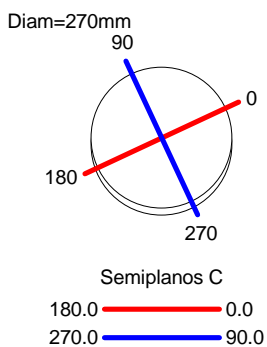
Luminaire

Code A691-100 (M)
Name DIPPING LIGHT M

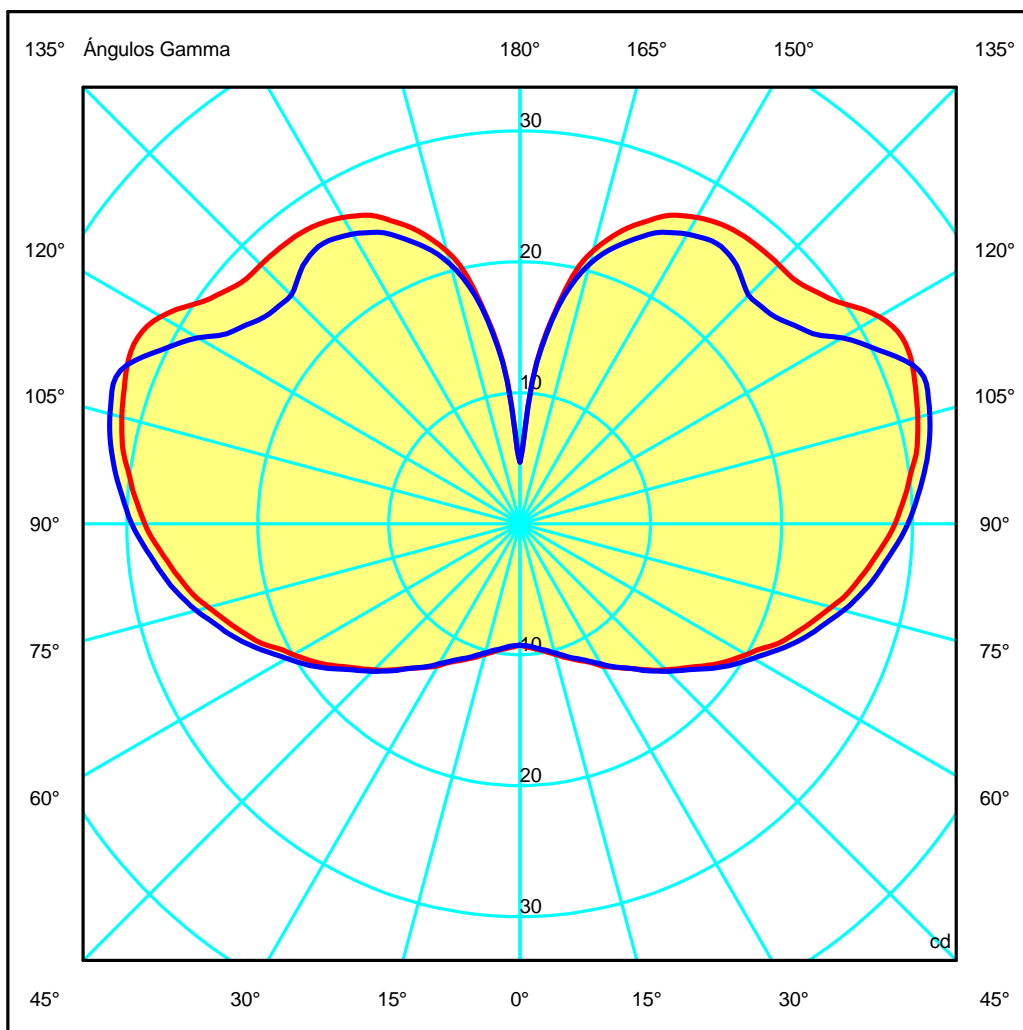
Measurem.

Code CL041A19F005G
Name DIPPING LIGHT M

Luminaire Flux		312.19 lm		Luminaire Power		11.72 W		Efficacy		26.64 lm/W		Efficiency		100.00%	
Lamps Flux		312.19 lm		Maximum value		33.51 cd		Position		C=60.00 G=125.00		CG		Double Symmetrical	
Round Luminaire				Diam.		270 mm		Height		550 mm					
Round Luminous Area				Diam.		270 mm		Height		270 mm					
Horizontal Luminous Area				0.057256 m2				Emitting area on Plane 180°				0.072900 m2			
Emitting area on Plane 0°				0.072900 m2				Emitting area on Plane 270°				0.072900 m2			
Emitting area on Plane 90°				0.072900 m2				Glare area at 76°				0.084586 m2			
Coordinate system				CG				Symmetry Type				Double Symmetrical			
Date				21-01-2019				Maximum Gamma Angle				180			
Measurement Distance				6.44				Measurement Flux				312.19 lm			
Operator				Asselum T2				Source Voltage [V]				230.29 V			
Temperature				25.00 °C				Source current [A]				0.16 A			
Humidity				23.20 %				Photocell				Prc			
Notes				RM18121703; RM18121701.8											
Line				Code		Luminaire Lamps				Flux [lm]		Pow. [W]		Q.ty	
				LED		Name				312.19		11.72		1	
C.I.E.		15 37 66 40 100						D DIN 5040		D12					
F UTE		--						B NBN		BZ 10					



ULOR 59.94 %
DLOR 40.06 %
RN 59.94 %



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Luminous Intensity Table cd Table 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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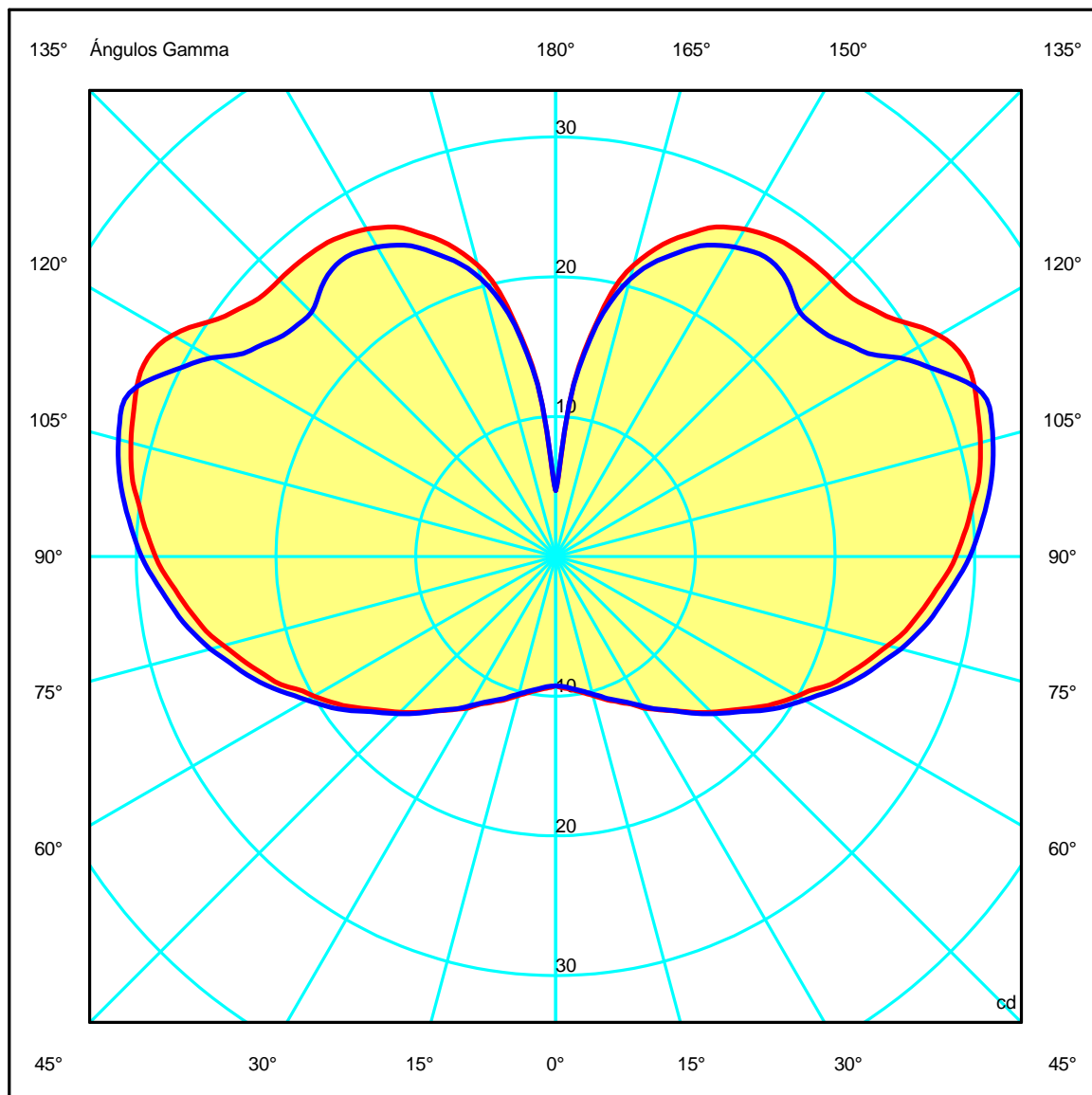
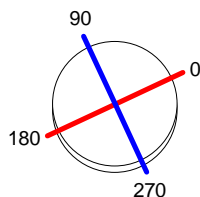
Luminaire Flux	312.19 lm	Luminaire Power	11.72 W	Efficacy	26.64 lm/W	Efficiency	100.00%
Lamps Flux	312.19 lm	Maximum value	33.51 cd	Position	C=60.00 G=125.00	CG	Double Symmetrical

Diam=270mm

Semiplanos C

180.0 — 0.0

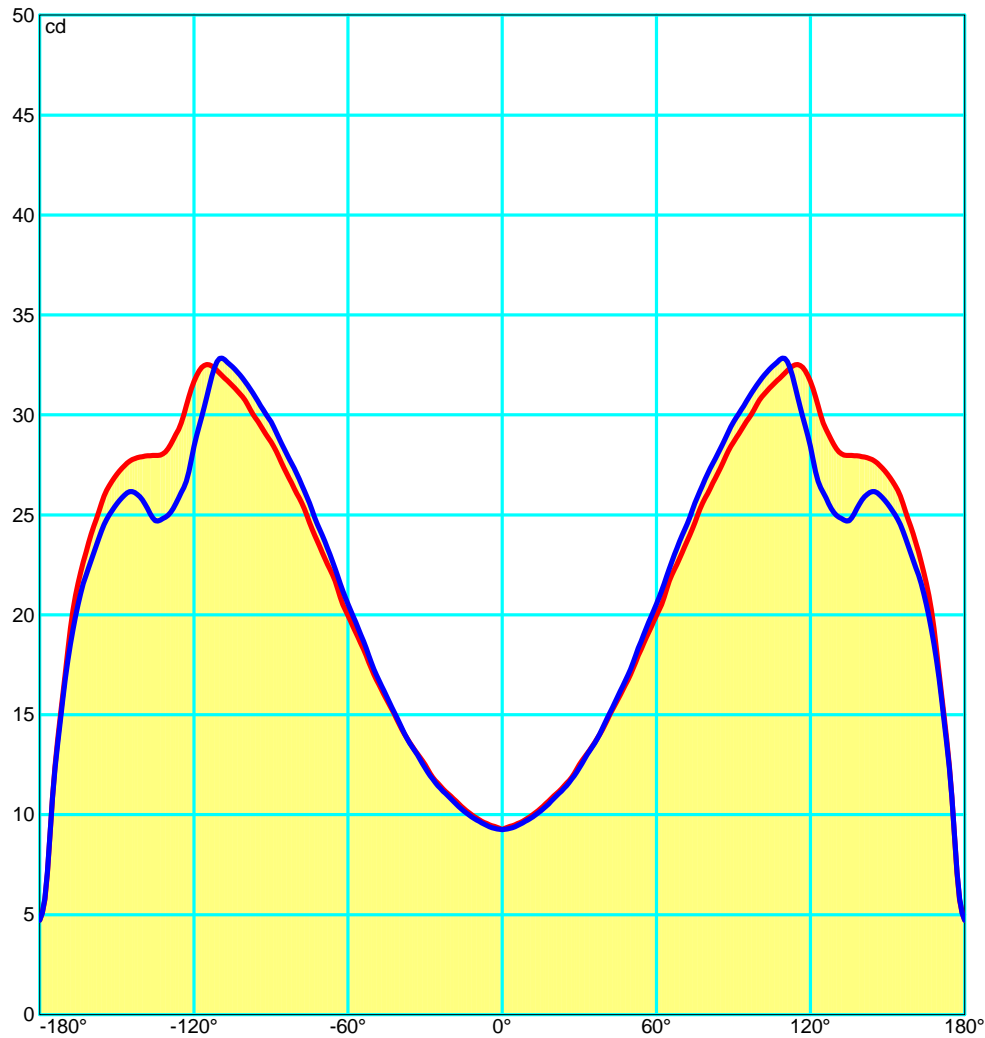
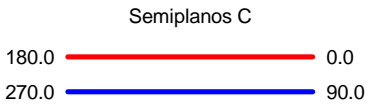
270.0 — 90.0



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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

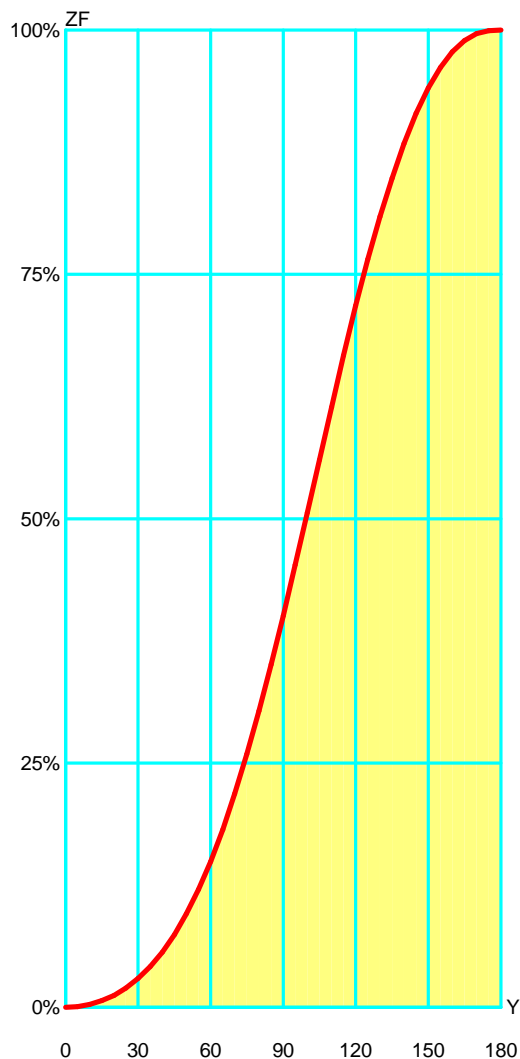
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	3	12	29	56	96	149	219	303	401	506	614	718	809	884	941	978	996	1000

Códigos de Flujo C.I.E.

15 37 66 40 100

C.I.E. 10/10/10/-/-/-/-/-/-/-
D DIN 5040 D12
F UTE --
B NBN BZ 10
RN 59.93810 %
BLF 1.0

LOR 100.00000 %
ULOR 59.93810 %
DLOR 40.06190 %
UFF 59.93810 %
DFF 40.06190 %
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 (Ceiling)

Luminaire position X=0.00m Y=0.00m Z=2.50m

