

Luminaire

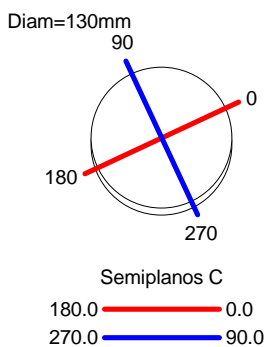
Code A691-240
Name DIPPING LIGHT 13 OFF-WHITE

Measurerm.

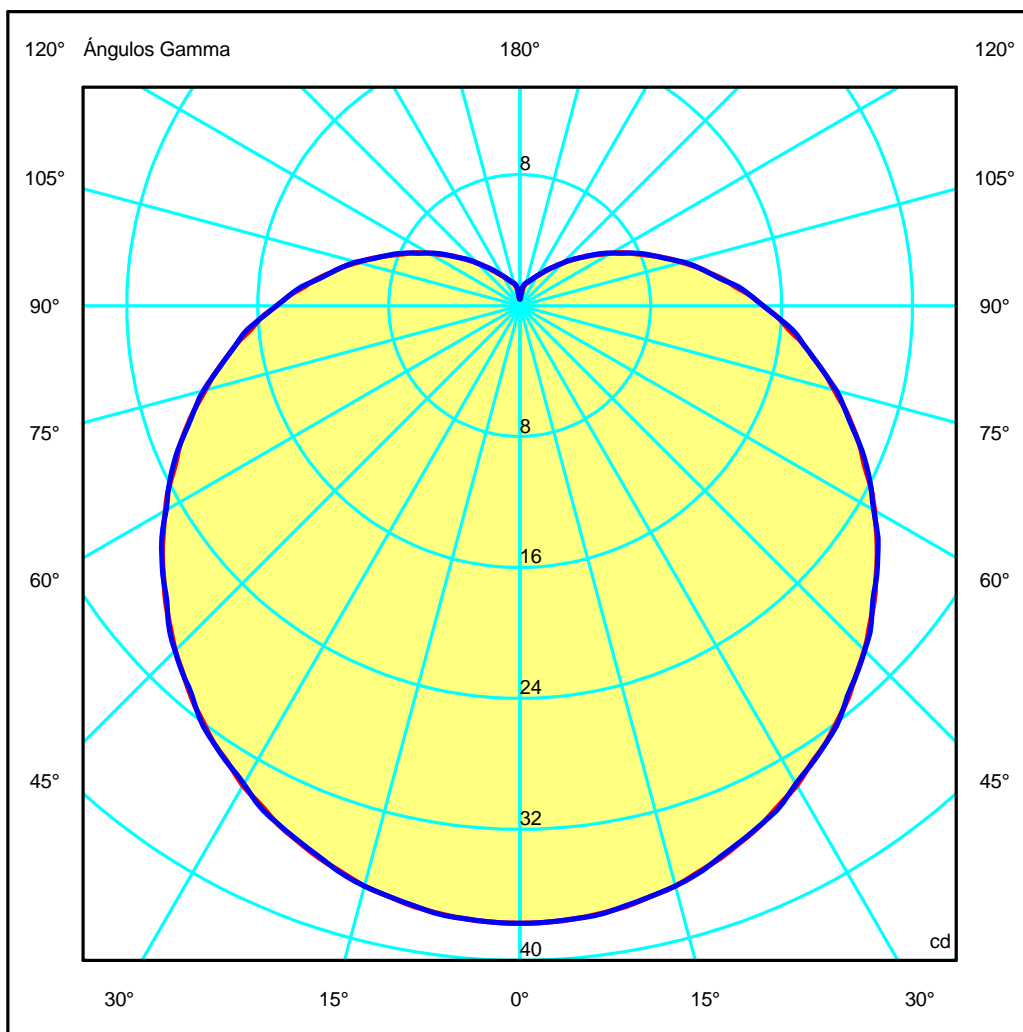
Code CL041A20F001G
Name DIPPING LIGHT 13 OFF-WHITE

Luminaire Flux	203.29 lm	Luminaire Power	4.46 W	Efficacy	45.54 lm/W	Efficiency	100.00%
Sources Flux	203.29 lm	Maximum value	37.74 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical
Round Luminaire Round Luminous Area		Diam. Diam.	130 mm 130 mm	Height Height	130 mm 130 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°		0.013273 m2 0.016900 m2 0.016900 m2		Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°		0.016900 m2 0.016900 m2 0.019609 m2	
Coordinate system Date Measurement Distance		CG 05-03-2020 6.44		Symmetry Type Maximum Gamma Angle Measurement Flux		Double Symmetrical 180 203.29 lm	
Operator Temperature Humidity Notes		Asselum T2 24.90 °C 34.90 % RM20022603.1		Rated Voltage Rated Current Photocell		230.27 V 0.04 A Prc	

Line	Code LED	Luminaire Lamps Name LED	Flux [lm] 203.29	Pow. [W] 4.46	Q.ty 1
C.I.E. F UTE	34 61 83 79 100 0.79 H + 0.21 T	D DIN 5040 B NBN	B21 BZ 6		



ULOR 21.46 %
DLOR 78.54 %
RN 21.46 %



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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	38	38	38	38	38	38	38
G 2.5	38	38	38	38	38	38	38
G 5.0	38	38	38	38	38	38	38
G 7.5	37	37	37	37	37	37	38
G 10.0	37	37	37	37	37	37	37
G 12.5	37	37	37	37	37	37	37
G 15.0	37	37	37	37	37	37	37
G 17.5	36	36	36	36	36	36	36
G 20.0	36	36	36	36	36	36	36
G 22.5	35	35	35	35	35	35	35
G 25.0	35	35	35	35	35	35	35
G 27.5	34	34	34	34	34	34	34
G 30.0	34	34	34	34	34	34	34
G 32.5	33	33	33	33	33	33	33
G 35.0	33	33	33	33	33	33	33
G 37.5	32	32	32	32	32	32	32
G 40.0	31	31	31	31	31	31	31
G 42.5	30	30	30	30	30	31	30
G 45.0	30	30	30	30	30	30	30
G 47.5	29	29	29	29	29	29	29
G 50.0	28	28	28	28	28	28	28
G 52.5	27	27	27	27	27	28	27
G 55.0	27	27	27	27	27	27	27
G 57.5	26	26	26	26	26	26	26
G 60.0	25	25	25	25	25	25	25
G 62.5	24	24	24	24	24	24	24
G 65.0	23	23	23	23	23	23	23
G 67.5	23	22	23	22	22	23	23
G 70.0	22	22	22	22	22	22	22
G 72.5	21	21	21	21	21	21	21
G 75.0	20	20	20	20	20	20	20
G 77.5	19	19	19	19	19	19	19
G 80.0	18	18	18	18	18	18	18
G 82.5	17	17	17	17	17	17	17
G 85.0	16	17	17	17	16	17	17
G 87.5	16	16	16	16	16	16	16
G 90.0	15	15	15	15	15	15	15
G 92.5	14	14	14	14	14	14	14
G 95.0	13	13	13	13	13	13	13
G 97.5	13	13	12	12	13	13	12
G100.0	12	12	12	12	12	12	12
G102.5	11	11	11	11	11	11	11
G105.0	10	10	10	10	10	10	10
G107.5	10	10	10	10	10	10	9
G110.0	9	9	9	9	9	9	9
G112.5	8	8	8	8	8	8	8
G115.0	8	8	8	8	8	8	8
G117.5	7	7	7	7	7	7	7
G120.0	6	6	6	6	6	6	6
G122.5	6	6	6	6	6	6	6
G125.0	5	5	5	5	5	5	5
G127.5	5	5	5	5	5	5	5
G130.0	4	4	4	4	4	5	4
G132.5	4	4	4	4	4	4	4
G135.0	4	4	4	4	4	4	4
G137.5	3	3	3	3	3	3	3
G140.0	3	3	3	3	3	3	3
G142.5	3	3	3	3	3	3	3
G145.0	2	2	3	3	2	3	3
G147.5	2	2	2	2	2	2	2
G150.0	2	2	2	2	2	2	2
G152.5	2	2	2	2	2	2	2
G155.0	2	2	2	2	2	2	2
G157.5	2	2	2	2	2	2	2
G160.0	2	2	2	2	2	2	2
G162.5	1	1	1	1	1	1	2
G165.0	1	1	1	1	1	1	1
G167.5	1	1	1	1	1	1	1
G170.0	1	1	1	1	1	1	1
G172.5	1	1	1	1	1	1	1
G175.0	0	1	1	1	1	1	1
G177.5	0	0	0	1	0	1	0
G180.0	0	0	0	0	0	0	0

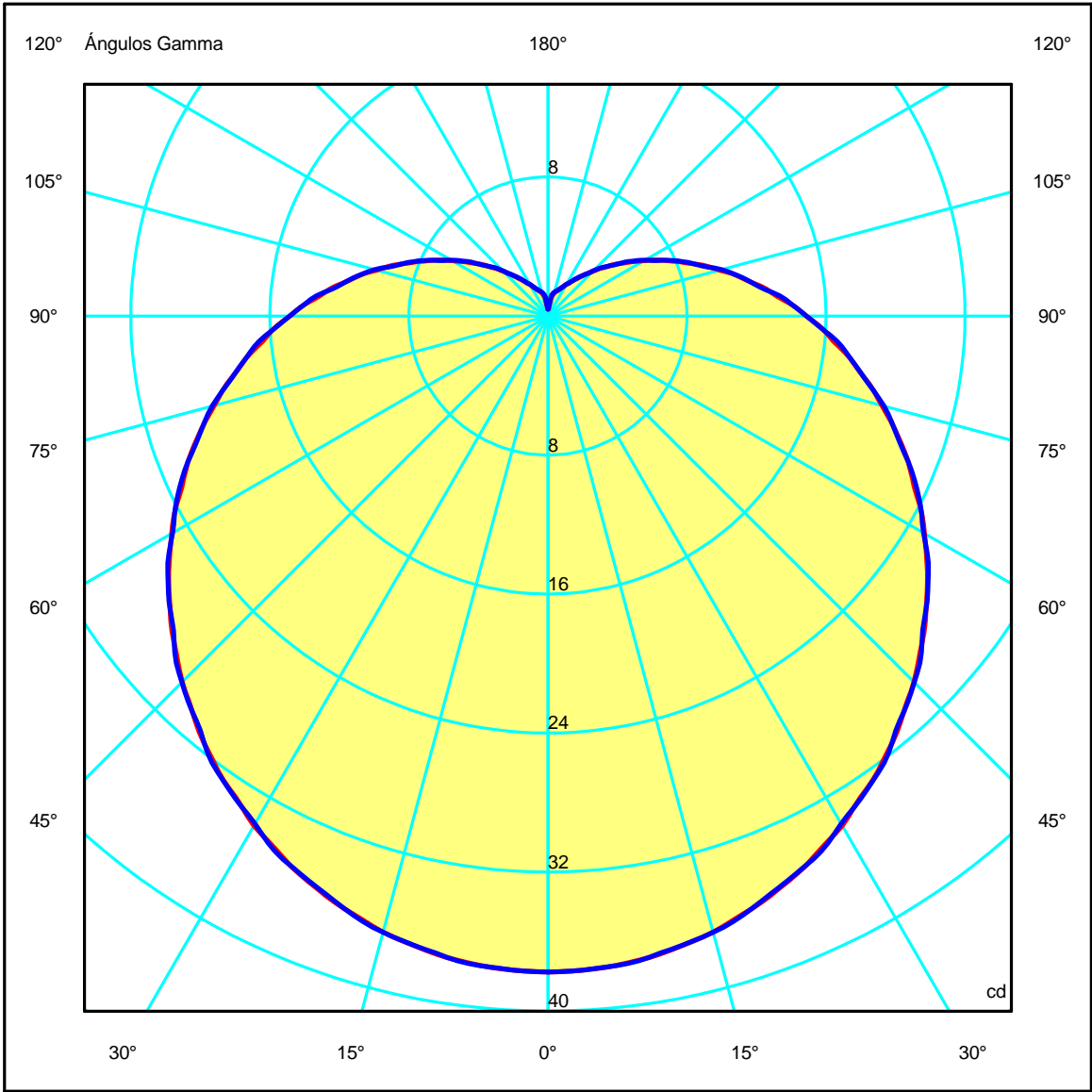
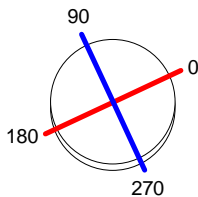
Luminaire
Code A691-240
Name DIPPING LIGHT 13 OFF-WHITE
Measurem.
Code CL041A20F001G
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Luminaire Flux	203.29 lm	Luminaire Power	4.46 W	Efficacy	45.54 lm/W	Efficiency	100.00%
Sources Flux	203.29 lm	Maximum value	37.74 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=130mm

Semiplanos C

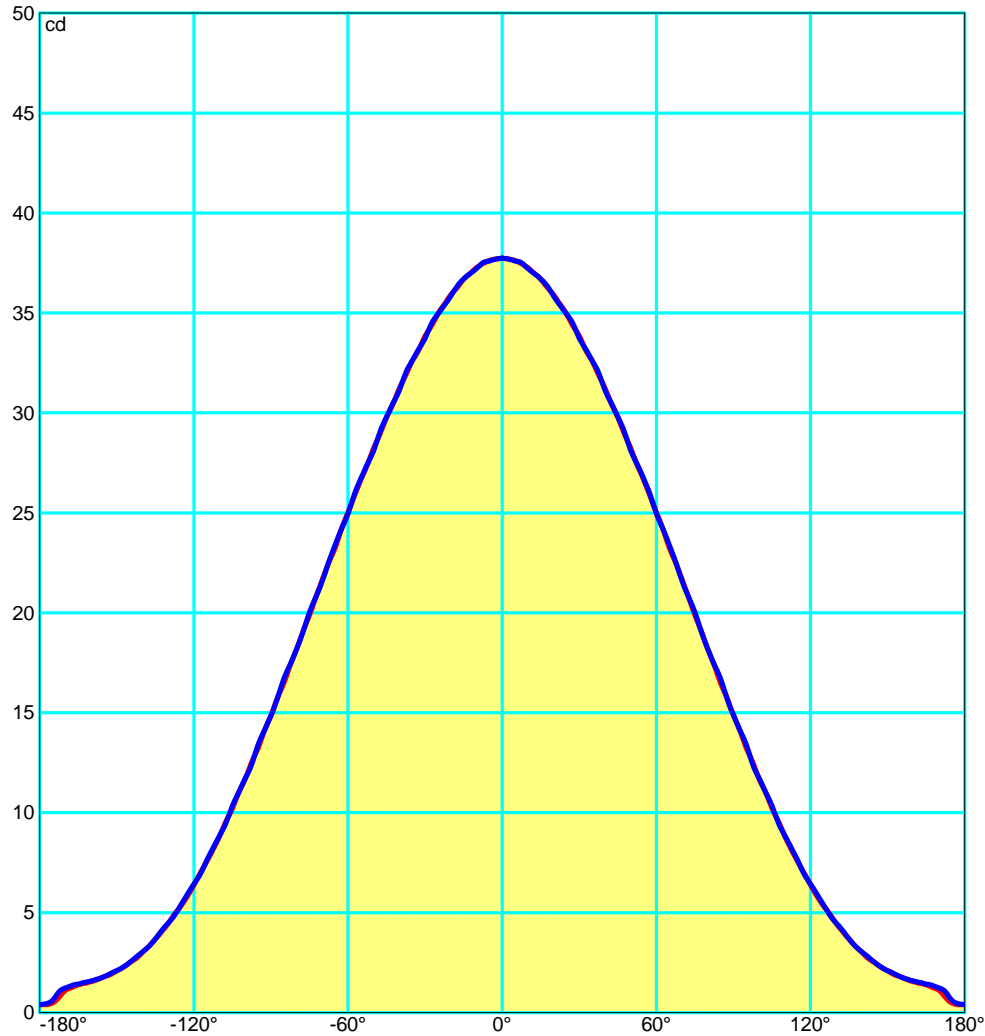
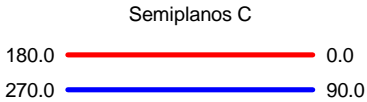
180.0 — 0.0
270.0 — 90.0



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Sources Flux	203.29 lm	Maximum value	37.74 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	11.7	12.9	12.3	13.5	14.2	11.7	12.9	12.3	13.5	14.2
x=2H y=3H	13.7	14.8	14.3	15.5	16.2	13.7	14.8	14.4	15.5	16.2
x=2H y=4H	14.7	15.8	15.4	16.4	17.1	14.7	15.8	15.4	16.4	17.2
x=2H y=6H	15.7	16.7	16.3	17.3	18.1	15.7	16.7	16.3	17.3	18.1
x=2H y=8H	16.1	17.1	16.8	17.7	18.5	16.2	17.1	16.8	17.8	18.5
x=2H y=12H	16.6	17.5	17.3	18.2	18.9	16.6	17.5	17.3	18.2	19.0
x=4H y=2H	12.5	13.6	13.1	14.2	14.9	12.5	13.6	13.2	14.2	14.9
x=4H y=3H	14.7	15.6	15.4	16.3	17.1	14.7	15.6	15.4	16.3	17.1
x=4H y=4H	15.9	16.7	16.6	17.4	18.2	15.9	16.7	16.6	17.4	18.2
x=4H y=6H	17.0	17.7	17.7	18.4	19.3	17.0	17.7	17.7	18.4	19.3
x=4H y=8H	17.5	18.2	18.2	18.9	19.8	17.5	18.2	18.3	18.9	19.8
x=4H y=12H	18.1	18.7	18.8	19.4	20.3	18.1	18.7	18.8	19.4	20.3
x=8H y=4H	16.4	17.0	17.1	17.8	18.6	16.4	17.0	17.1	17.8	18.6
x=8H y=6H	17.7	18.3	18.4	19.0	19.9	17.7	18.3	18.4	19.0	19.9
x=8H y=8H	18.4	18.9	19.1	19.7	20.6	18.4	18.9	19.2	19.7	20.6
x=8H y=12H	19.1	19.5	19.8	20.3	21.2	19.1	19.5	19.8	20.3	21.2
x=12H y=4H	16.4	17.1	17.2	17.8	18.7	16.4	17.1	17.2	17.8	18.7
x=12H y=6H	17.9	18.4	18.6	19.1	20.0	17.9	18.4	18.6	19.1	20.1
x=12H y=8H	18.6	19.1	19.4	19.9	20.8	18.6	19.1	19.4	19.9	20.8

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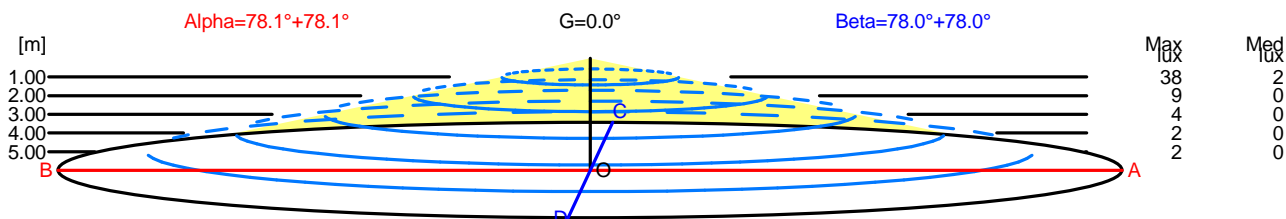
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Sources Flux	203.29 lm	Maximum value	37.74 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Width at 50.00 % of Max Intensity

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	4.75	9.50	14.25	18.99	23.74	OC	4.71	9.41	14.12	18.82	23.53
OB	4.75	9.50	14.25	18.99	23.74	OD	4.71	9.41	14.12	18.82	23.53

Luminous Intensities [cd]

	0	5	15	25	35	45	55	65	75	85
OA	37.74	37.63	36.70	34.96	32.60	29.78	26.65	23.25	19.88	16.48
OB	37.74	37.63	36.70	34.96	32.60	29.78	26.65	23.25	19.88	16.48
OC	37.74	37.60	36.70	34.94	32.61	29.81	26.70	23.40	20.02	16.71
OD	37.74	37.60	36.70	34.94	32.61	29.81	26.70	23.40	20.02	16.71



H[m]	D[m]	Max lux	Med lux	Alpha=78.1°+78.1°	G=0.0	
1.00	9.50	38	2			
2.00	18.99	9	0			
3.00	28.49	4	0			
4.00	37.99	2	0			
5.00	47.49	2	0			

H[m]	D[m]	Max lux	Med lux	Beta=78.0°+78.0°	G=0.0	
1.00	9.41	38	2			
2.00	18.82	9	0			
3.00	28.24	4	0			
4.00	37.65	2	0			
5.00	47.06	2	0			

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Flujo Total=203.29 Flujo Luminaria=203.29

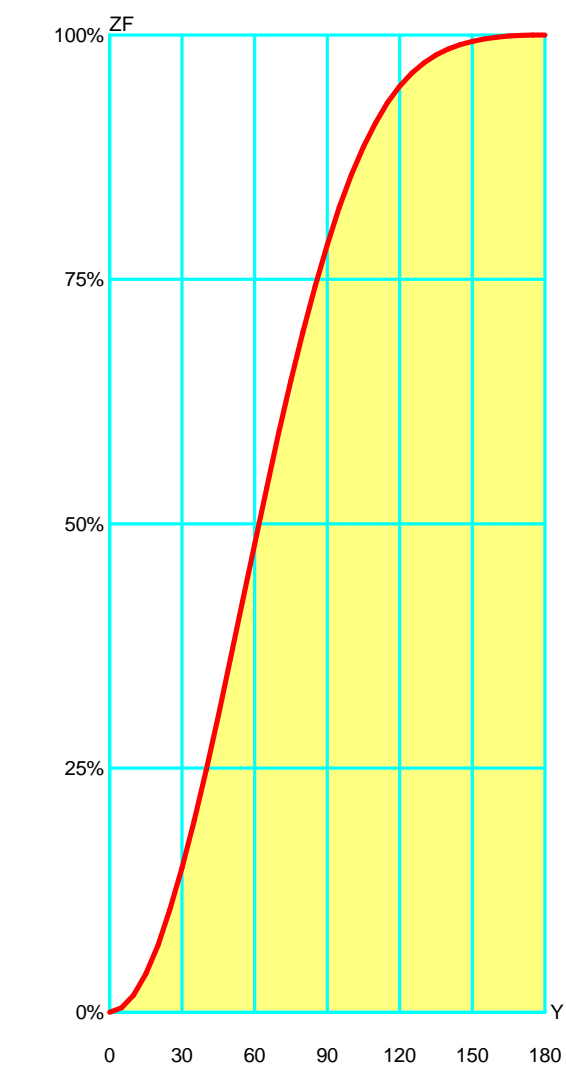
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.22	0.28	0.35	0.41	0.46	0.54	0.60	0.65	0.71	0.75	0.85	0.91
RC	7	7	7	7	8	8	8	8	8	8	8	8

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)	18	69	148	248	361	479	593	696	785	857	910	948	972	986	994	998	1000	1000

Códigos de Flujo C.I.E.
34 61 83 79 100

C.I.E.	7/7/7/7/8/8/8/8/8/8	LOR	100.00000 %
D DIN 5040	B21	ULOR	21.46192 %
F UTE	0.79 H + 0.21 T	DLOR	78.53808 %
B NBN	BZ 6	UFF	21.46192 %
RN	21.46192 %	DFF	78.53808 %
BLF	1.0	FFR	27.32677 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	4.43	4.43	0.44 %	0.44 %
10°	13.17	17.60	1.32 %	1.76 %
15°	21.57	39.17	2.16 %	3.92 %
20°	29.41	68.58	2.94 %	6.86 %
25°	36.52	105.10	3.65 %	10.51 %
30°	42.77	147.87	4.28 %	14.79 %
35°	48.06	195.93	4.81 %	19.59 %
40°	52.33	248.26	5.23 %	24.83 %
45°	55.53	303.79	5.55 %	30.38 %
50°	57.65	361.44	5.76 %	36.14 %
55°	58.70	420.14	5.87 %	42.01 %
60°	58.75	478.89	5.87 %	47.89 %
65°	57.83	536.72	5.78 %	53.67 %
70°	56.04	592.76	5.60 %	59.28 %
75°	53.47	646.23	5.35 %	64.62 %
80°	50.25	696.48	5.03 %	69.65 %
85°	46.51	742.99	4.65 %	74.30 %
90°	42.39	785.38	4.24 %	78.54 %
95°	37.94	823.32	3.79 %	82.33 %
100°	33.41	856.73	3.34 %	85.67 %
105°	28.94	885.67	2.89 %	88.57 %
110°	24.60	910.28	2.46 %	91.03 %
115°	20.50	930.78	2.05 %	93.08 %
120°	16.78	947.55	1.68 %	94.76 %
125°	13.43	960.98	1.34 %	96.10 %
130°	10.53	971.51	1.05 %	97.15 %
135°	8.09	979.60	0.81 %	97.96 %
140°	6.09	985.70	0.61 %	98.57 %
145°	4.53	990.22	0.45 %	99.02 %
150°	3.32	993.54	0.33 %	99.35 %
155°	2.42	995.96	0.24 %	99.60 %
160°	1.73	997.69	0.17 %	99.77 %
165°	1.20	998.89	0.12 %	99.89 %
170°	0.74	999.63	0.07 %	99.96 %
175°	0.31	999.94	0.03 %	99.99 %
180°	0.06	1000.00	0.01 %	100.00 %

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Isolux (Floor)

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

