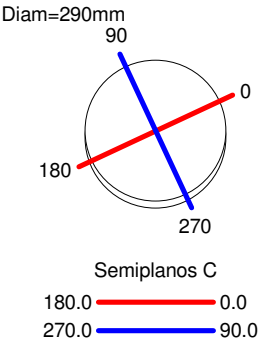


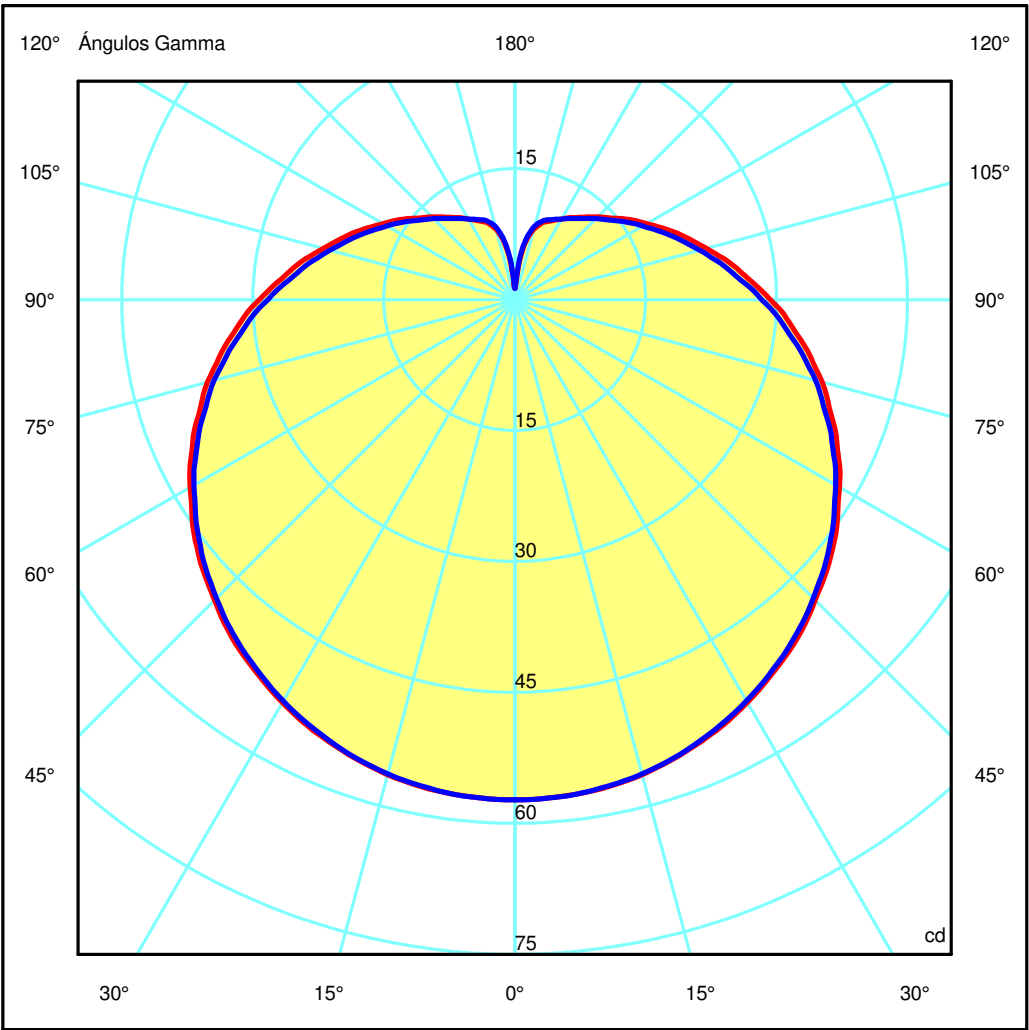
Luminaire
Code A691-280
Name DIPPING LIGHT 30 OFF-WHITE
Measur.
Code CL041A20F003G
Name DIPPING LIGHT 30 OFF-WHITE

Luminaire Flux	379.06 lm	Luminaire Power	11.56 W	Efficacy	32.78 lm/W	Efficiency	100.00%
Sources Flux	379.06 lm	Maximum value	57.30 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical
Round Luminaire Round Luminous Area	Diam. 290 mm Diam. 290 mm	Height 260 mm Height 250 mm					
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°	0.066052 m2 0.072500 m2 0.072500 m2	Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°	0.072500 m2 0.072500 m2 0.086326 m2				
Coordinate system Date Measurement Distance	CG 05-03-2020 6.44	Symmetry Type Maximum Gamma Angle Measurement Flux	Double Symmetrical 180 379.06 lm				
Operator Temperature Humidity Notes	Asselum T2 24.70 °C 36.30 % RM20022603.3	Rated Voltage Rated Current Photocell	230.25 V 0.05 A Prc				

Line		Code LED	Luminaire Lamps Name LED	Flux [lm] 379.06	Pow. [W] 11.56	Q.ty 1
C.I.E. F UTE	31 58 81 71 100 0.71 H + 0.29 T		D DIN 5040 B NBN	B21 BZ 7 / 0.8 / BZ 6 / 1 / BZ 7		



ULOR 29.09 %
DLOR 70.91 %
RN 29.09 %



Luminaire

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Sources Flux	379.06 lm	Maximum value	57.30 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	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

Luminaire

Code A691-280
Name DIPPING LIGHT 30 OFF-WHITE

Measurem.

Code CL041A20F003G
Name DIPPING LIGHT 30 OFF-WHITE

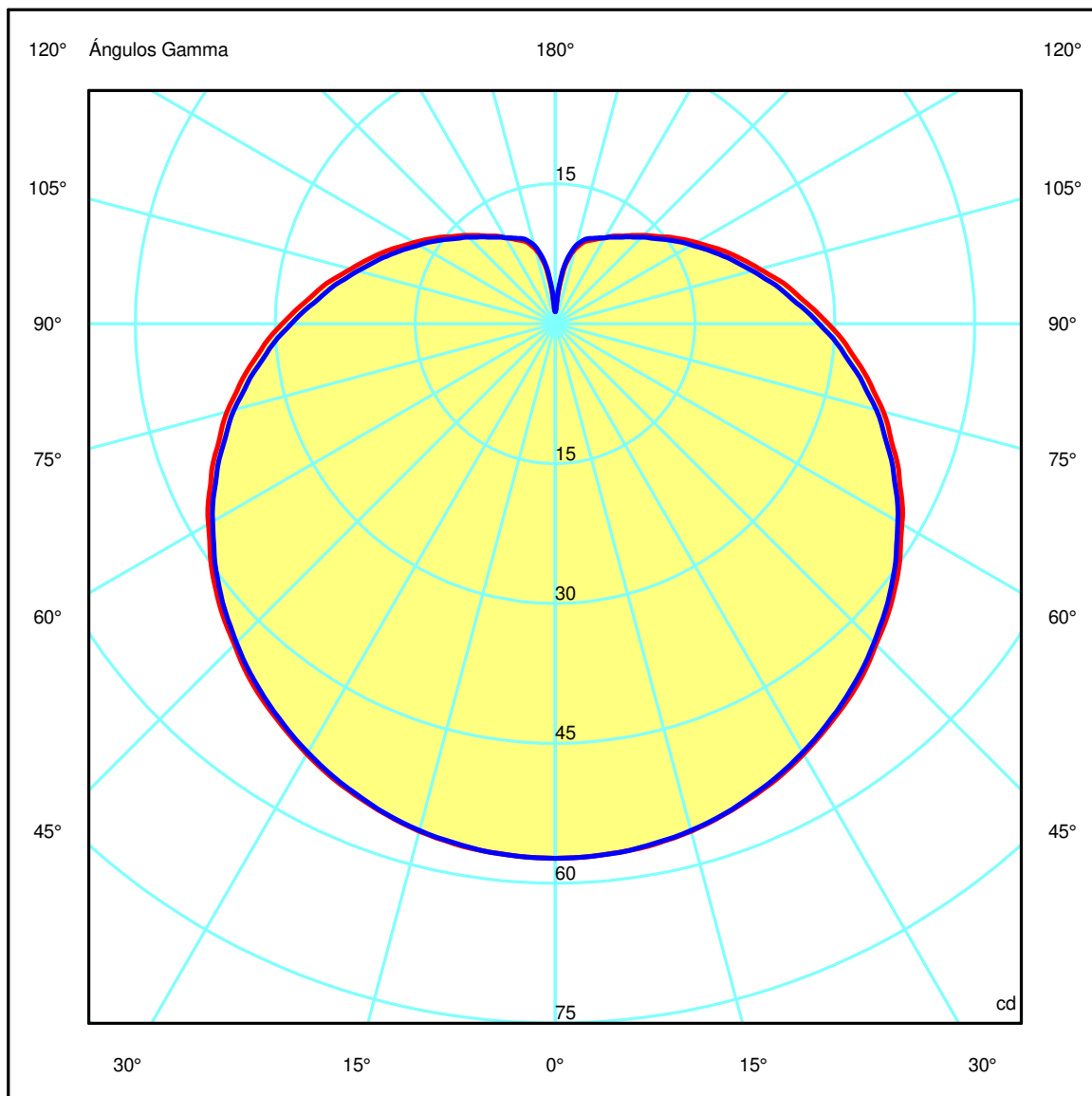
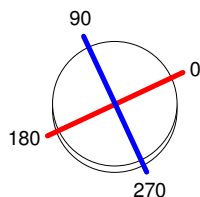
Luminaire Flux	379.06 lm	Luminaire Power	11.56 W	Efficacy	32.78 lm/W	Efficiency	100.00%
Sources Flux	379.06 lm	Maximum value	57.30 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=290mm

Semiplanos C

180.0 ————— 0.0

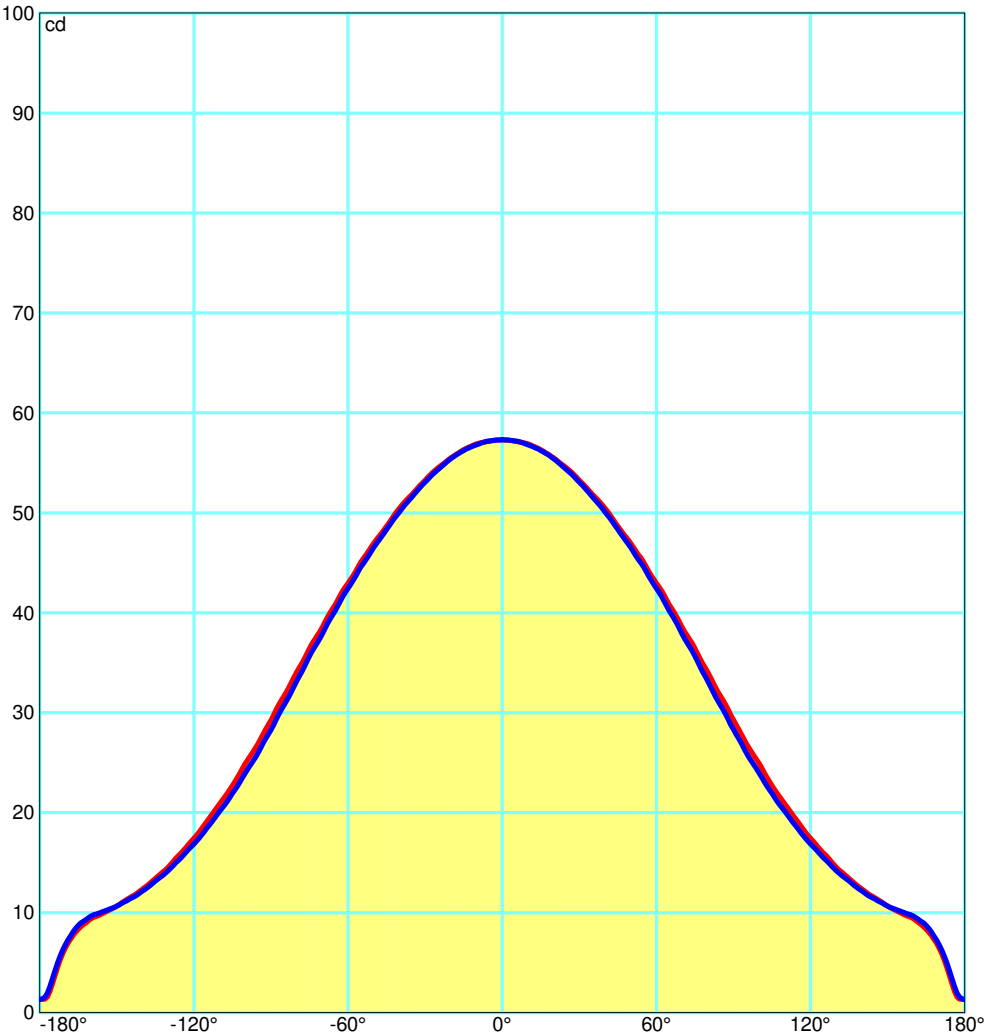
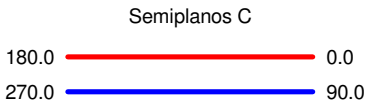
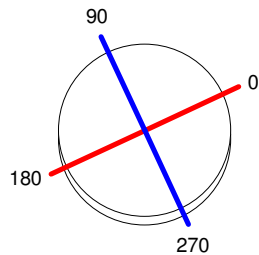
270.0 ————— 90.0



Luminaire
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Sources Flux	379.06 lm	Maximum value	57.30 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=290mm



Luminaire

Code A691-280
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Measurem.

Code CL041A20F003G
Name DIPPING LIGHT 30 OFF-WHITE

Luminaire Flux	379.06 lm	Luminaire Power	11.56 W	Efficacy	32.78 lm/W	Efficiency	100.00%
Sources Flux	379.06 lm	Maximum value	57.30 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	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

Luminaire

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Measurem.

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Luminaire Flux	379.06 lm	Luminaire Power	11.56 W	Efficacy	32.78 lm/W	Efficiency	100.00%
Sources Flux	379.06 lm	Maximum value	57.30 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

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

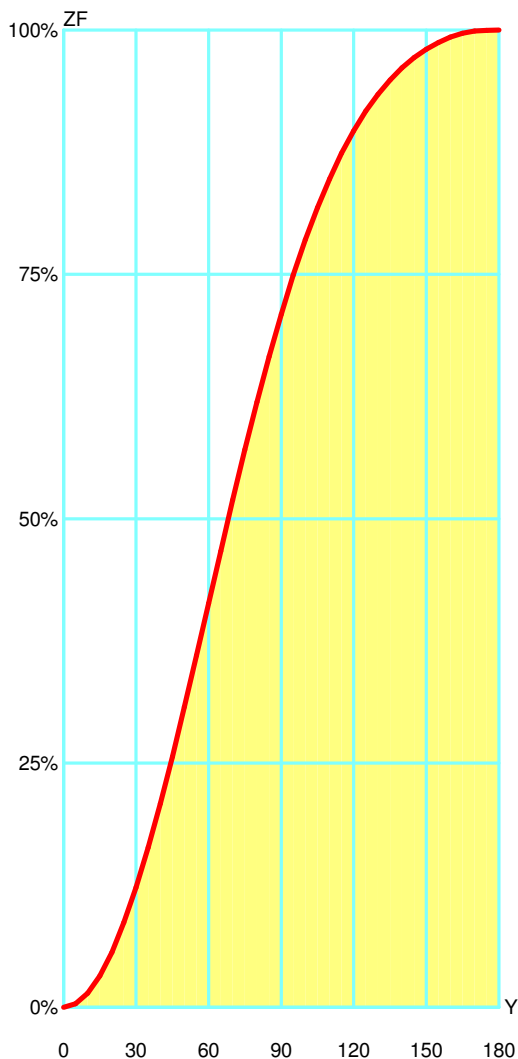
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	14	56	123	208	307	413	519	620	709	785	848	897	934	961	980	993	999	1000

Códigos de Flujo C.I.E.

31 58 81 71 100

C.I.E. 8
D DIN 5040 B21
F UTE 0.71 H + 0.29 T
B NBN BZ 7 / 0.8 / BZ 6 / 1 / BZ 7
RN 29.08541 %
BLF 1.0

LOR 100.00000 %
ULOR 29.08541 %
DLOR 70.91459 %
UFF 29.08541 %
DFF 70.91459 %
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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Isolux (Floor)

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

