Luminaire
Code 32301yyyxxx
Name ELIPSE S/30 LED
Measurem.
Code CL092A21F004G
Name ELIPSE S/30 LED

Luminaire Flux	1701.65 lm	Luminaire Power	19.78 W	Efficacy	86.02 lm/W	Efficiency	100.00%
Sources Flux	1701.65 lm	Maximum value	218.53 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Round Luminaire	Diam. 290 mm	Height	290 mm
Round Luminous Area	Diam. 290 mm	Height	290 mm
Horizontal Luminous Area	0.066052 m2	Emitting area on Plane 180°	0.084100 m2
Emitting area on Plane 0°	0.084100 m2	Emitting area on Plane 270°	0.084100 m2
Emitting area on Plane 90°	0.084100 m2	Glare area at 76°	0.097581 m2
Coordinate system	CG	Symmetry Type	Double Symmetrical
Date	09-02-2021	Maximum Gamma Angle	180
Measurement Distance	6.44	Measurement Flux	1701.65 lm
Operator	ASSELUM	Rated Voltage	230.24 V
Temperature	25.40 °C	Rated Current	0.10 A
Humidity	30.20 %	Photocell	Prc
Notes	RM20111705		

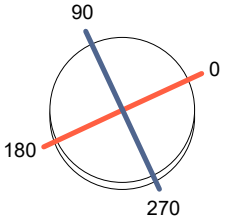
Luminaire Sources

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	Mid-Power LED -5630 Series 5000	SEOUL-5630XX9003-00000000-00004	1701.65	19.78	1

C.I.E.	30 56 80 64 100	D DIN 5040	B11
F UTE	0.64 J + 0.36 T	B NBN	BZ 7



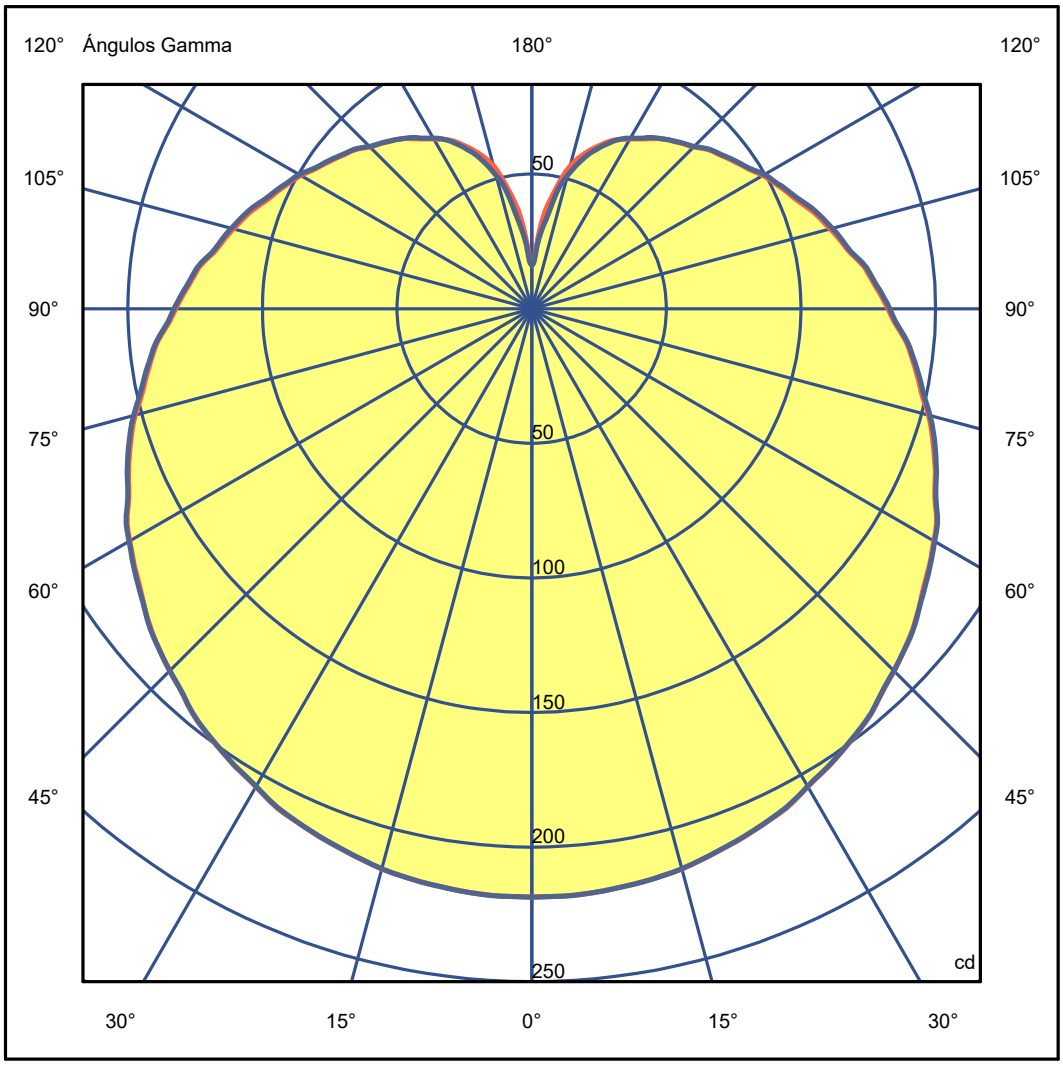
Diam=290mm



Semiplanos C

180.0 — 0.0
270.0 — 90.0

ULOR 35.94 %
DLOR 64.06 %
RN 35.94 %



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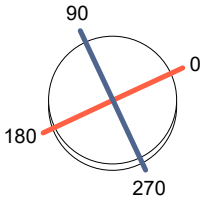
Luminous Intensity Table cd **Table 1/1**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	218.53	218.53	218.53	218.53	218.53	218.53	218.53
G 2.5	218.46	218.46	218.46	218.46	218.46	218.46	218.46
G 5.0	218.23	218.20	218.19	218.21	218.26	218.31	218.34
G 7.5	217.71	217.71	217.74	217.78	217.77	217.74	217.72
G 10.0	217.09	217.06	217.04	217.05	217.08	217.11	217.09
G 12.5	216.31	216.27	216.27	216.28	216.29	216.30	216.30
G 15.0	215.37	215.32	215.32	215.33	215.36	215.39	215.33
G 17.5	213.94	213.93	213.96	213.97	213.95	213.91	213.81
G 20.0	212.44	212.36	212.32	212.30	212.34	212.39	212.32
G 22.5	211.02	210.92	210.87	210.84	210.88	210.93	210.86
G 25.0	209.42	209.32	209.25	209.21	209.26	209.32	209.26
G 27.5	207.74	207.44	207.20	207.13	207.29	207.50	207.53
G 30.0	204.94	205.14	205.32	205.31	205.19	205.00	204.84
G 32.5	202.93	202.82	202.77	202.77	202.84	202.91	202.82
G 35.0	200.80	200.73	200.72	200.73	200.76	200.77	200.64
G 37.5	198.56	198.46	198.44	198.45	198.49	198.53	198.41
G 40.0	196.18	195.88	195.70	195.70	195.86	196.03	196.00
G 42.5	192.81	192.79	192.87	192.92	192.90	192.83	192.64
G 45.0	190.27	190.17	190.19	190.23	190.30	190.33	190.18
G 47.5	187.55	187.50	187.57	187.66	187.74	187.77	187.62
G 50.0	184.81	184.77	184.85	184.96	185.08	185.16	185.05
G 52.5	181.40	181.52	181.75	181.90	181.80	181.61	181.62
G 55.0	178.13	178.20	178.42	178.61	178.66	178.61	178.57
G 57.5	175.35	175.43	175.64	175.82	175.83	175.75	175.70
G 60.0	172.46	172.29	172.35	172.56	172.75	172.87	172.76
G 62.5	169.54	169.33	169.24	169.31	169.57	169.86	169.90
G 65.0	165.15	165.67	166.17	166.35	166.09	165.67	165.53
G 67.5	162.25	162.28	162.46	162.65	162.70	162.68	162.65
G 70.0	159.08	159.09	159.28	159.51	159.69	159.79	159.67
G 72.5	155.95	155.85	156.02	156.35	156.59	156.72	156.62
G 75.0	152.57	152.49	152.63	152.85	153.08	153.26	153.20
G 77.5	148.53	148.87	149.40	149.76	149.64	149.35	149.29
G 80.0	145.49	145.59	145.85	146.09	146.19	146.19	146.17
G 82.5	142.50	142.46	142.60	142.80	143.02	143.16	143.08
G 85.0	139.49	139.34	139.34	139.47	139.73	139.99	140.00
G 87.5	135.39	135.72	136.20	136.49	136.38	136.08	135.91
G 90.0	132.32	132.37	132.57	132.79	132.90	132.93	132.93
G 92.5	129.46	129.54	129.78	130.02	130.12	130.12	130.10
G 95.0	126.62	126.56	126.68	126.88	127.10	127.27	127.22
G 97.5	124.10	123.85	123.74	123.82	124.13	124.48	124.64
G100.0	120.08	120.39	120.86	121.16	121.07	120.79	120.64
G102.5	117.39	117.49	117.74	118.00	118.11	118.12	118.11
G105.0	114.76	114.86	115.12	115.38	115.52	115.56	115.57
G107.5	112.18	112.16	112.34	112.58	112.79	112.93	112.98
G110.0	109.34	109.38	109.53	109.77	110.03	110.24	110.32
G112.5	106.24	106.41	106.76	107.06	107.08	107.00	107.04
G115.0	103.93	103.95	104.09	104.28	104.43	104.51	104.54
G117.5	101.49	101.35	101.40	101.60	101.84	102.03	102.04
G120.0	99.15	99.01	99.06	99.24	99.50	99.72	99.75
G122.5	96.24	96.34	96.59	96.80	96.83	96.75	96.69
G125.0	93.90	93.87	93.96	94.09	94.20	94.28	94.31
G127.5	91.81	91.74	91.78	91.89	91.99	92.15	92.19
G130.0	89.84	89.64	89.57	89.64	89.83	90.03	90.12
G132.5	87.89	87.61	87.40	87.40	87.66	88.00	88.17
G135.0	85.06	85.11	85.27	85.41	85.39	85.35	85.31
G137.5	83.21	83.01	82.89	82.90	83.08	83.29	83.40
G140.0	81.43	81.17	80.99	80.97	81.16	81.41	81.54
G142.5	79.63	79.27	78.98	78.90	79.11	79.43	79.59
G145.0	77.20	76.92	76.78	76.84	77.16	77.53	77.70
G147.5	74.87	74.75	74.68	74.73	74.89	75.07	75.16
G150.0	72.88	72.50	72.18	72.14	72.50	72.99	73.23
G152.5	70.98	69.76	68.72	68.37	69.13	70.28	70.98
G155.0	68.81	67.08	65.30	64.55	65.51	67.14	68.01
G157.5	65.67	63.77	61.62	60.62	61.65	63.51	64.51
G160.0	62.56	60.36	57.70	56.36	57.49	59.67	60.86
G162.5	59.06	57.15	54.63	53.14	54.16	55.60	56.35
G165.0	54.90	52.64	50.32	48.92	49.67	50.80	51.37
G167.5	48.77	46.96	45.05	43.78	44.34	45.22	45.67
G170.0	42.12	41.33	39.90	38.43	37.39	36.82	36.64
G172.5	35.66	34.51	32.76	31.20	30.71	30.36	30.29
G175.0	27.03	26.25	25.06	24.05	23.65	23.67	23.75
G177.5	18.22	18.67	18.69	18.36	17.96	17.35	17.00
G180.0	16.31	16.31	16.31	16.31	16.31	16.31	16.31

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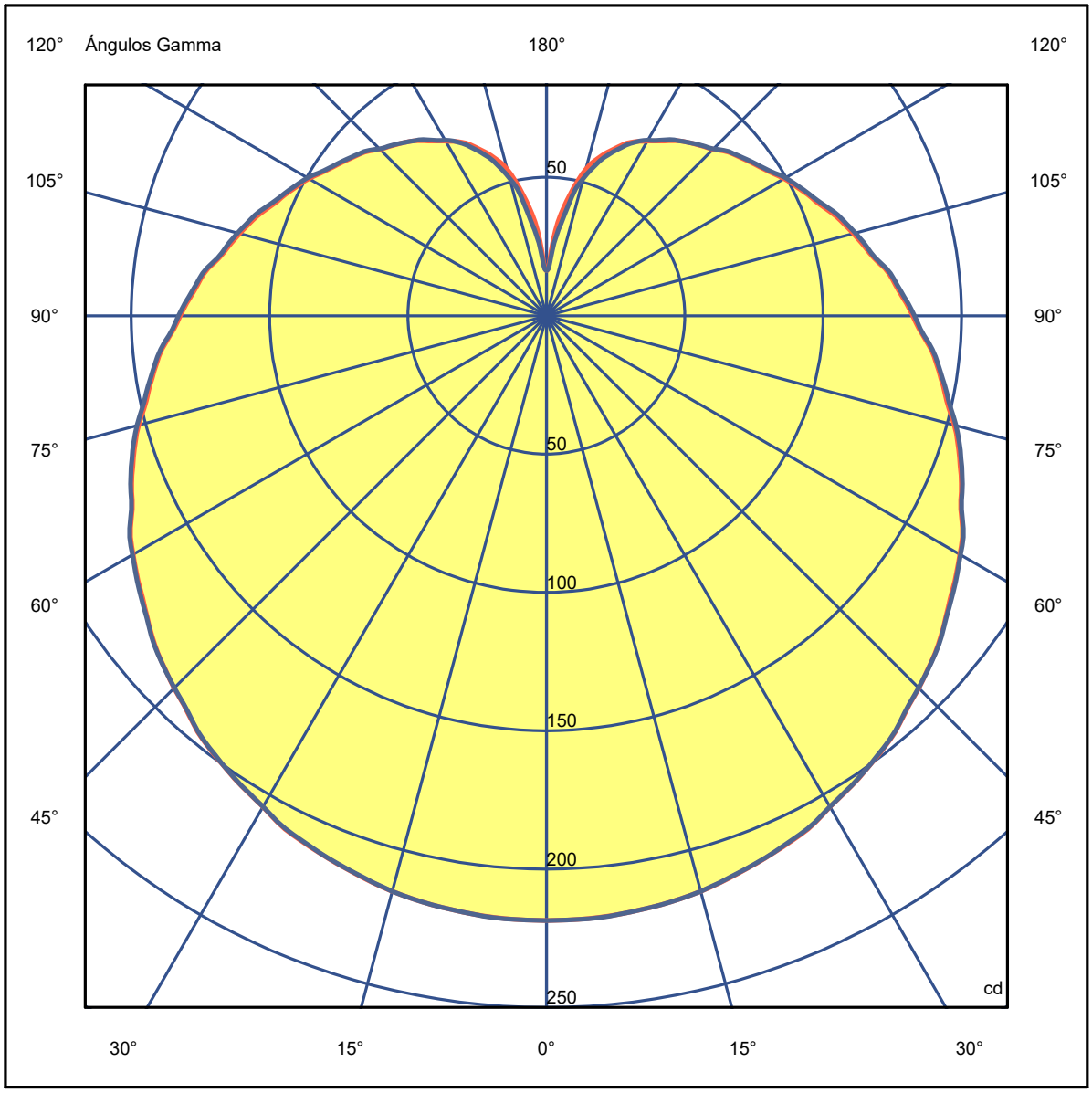
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Sources Flux	1701.65 lm	Maximum value	218.53 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=290mm



Semiplanos C

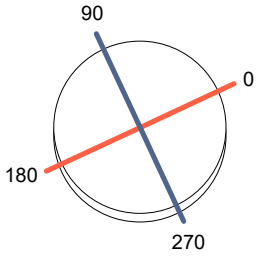
180.0 0.0
270.0 90.0



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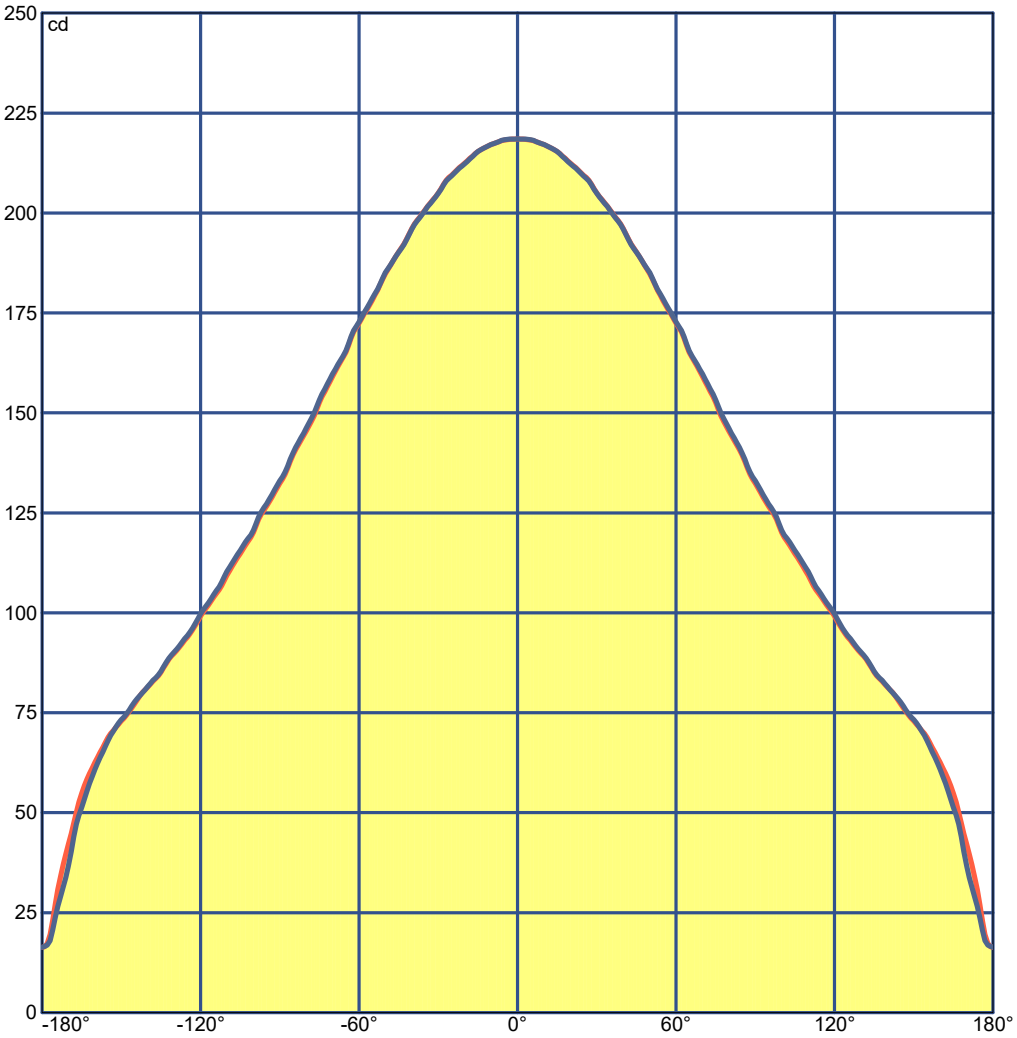
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UGR
S = 0.250

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
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	11.9	13.0	12.7	13.8	14.7	11.9	13.0	12.7	13.8	14.7
x=2H y=3H	14.1	15.1	14.9	15.8	16.8	14.1	15.1	14.9	15.9	16.8
x=2H y=4H	15.2	16.1	16.0	16.9	17.9	15.2	16.1	16.0	16.9	17.9
x=2H y=6H	16.3	17.1	17.1	17.9	19.0	16.3	17.2	17.1	18.0	19.0
x=2H y=8H	16.8	17.6	17.6	18.4	19.5	16.8	17.6	17.6	18.5	19.5
x=2H y=12H	17.3	18.1	18.1	18.9	20.0	17.3	18.1	18.2	19.0	20.0
x=4H y=2H	12.7	13.6	13.5	14.4	15.4	12.7	13.6	13.5	14.4	15.4
x=4H y=3H	15.0	15.8	15.9	16.6	17.7	15.0	15.8	15.9	16.7	17.7
x=4H y=4H	16.3	17.0	17.1	17.9	18.9	16.3	17.0	17.2	17.9	18.9
x=4H y=6H	17.5	18.2	18.4	19.0	20.1	17.6	18.2	18.4	19.1	20.1
x=4H y=8H	18.2	18.7	19.0	19.6	20.7	18.2	18.8	19.1	19.7	20.8
x=4H y=12H	18.8	19.3	19.7	20.2	21.3	18.8	19.3	19.7	20.2	21.3
x=8H y=4H	16.8	17.3	17.6	18.2	19.3	16.8	17.4	17.6	18.2	19.4
x=8H y=6H	18.2	18.7	19.1	19.7	20.8	18.3	18.8	19.2	19.7	20.8
x=8H y=8H	19.0	19.5	19.9	20.4	21.5	19.0	19.5	19.9	20.4	21.5
x=8H y=12H	19.8	20.2	20.7	21.1	22.3	19.8	20.2	20.7	21.1	22.3
x=12H y=4H	17.6	18.2	18.5	19.1	20.2	17.6	18.2	18.5	19.1	20.2
x=12H y=6H	18.9	19.4	19.8	20.3	21.4	18.9	19.4	19.8	20.3	21.4
x=12H y=8H	19.7	20.1	20.6	21.0	22.1	19.7	20.1	20.6	21.0	22.2

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Flujo Total=1701.65 Flujo Luminaria=1701.65

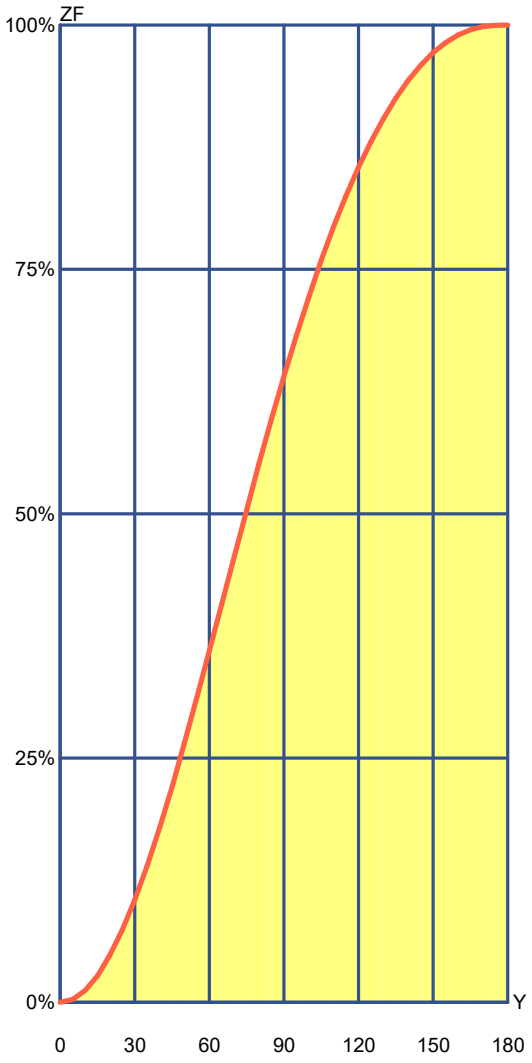
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.19	0.25	0.31	0.37	0.42	0.51	0.57	0.61	0.68	0.72	0.83	0.90
RC	8	8	8	8	8	8	8	8	8	8	8	8

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)	12	48	105	179	265	359	456	551	641	722	794	855	904	943	972	990	998	1000

Códigos de Flujo C.I.E.
30 56 80 64 100

C.I.E.	8	LOR	100.00000 %
D DIN 5040	B11	ULOR	35.93736 %
F UTE	0.64 J + 0.36 T	DLOR	64.06264 %
B NBN	BZ 7	UFF	35.93736 %
RN	35.93736 %	DFF	64.06264 %
BLF	1.0	FFR	56.09721 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	3.07	3.07	0.31 %	0.31 %
10°	9.15	12.22	0.92 %	1.22 %
15°	15.07	27.29	1.51 %	2.73 %
20°	20.71	48.01	2.07 %	4.80 %
25°	25.99	73.99	2.60 %	7.40 %
30°	30.83	104.82	3.08 %	10.48 %
35°	35.11	139.93	3.51 %	13.99 %
40°	38.90	178.82	3.89 %	17.88 %
45°	41.98	220.81	4.20 %	22.08 %
50°	44.55	265.36	4.46 %	26.54 %
55°	46.43	311.79	4.64 %	31.18 %
60°	47.70	359.48	4.77 %	35.95 %
65°	48.39	407.87	4.84 %	40.79 %
70°	48.39	456.26	4.84 %	45.63 %
75°	47.99	504.25	4.80 %	50.42 %
80°	46.97	551.22	4.70 %	55.12 %
85°	45.60	596.82	4.56 %	59.68 %
90°	43.80	640.63	4.38 %	64.06 %
95°	41.79	682.41	4.18 %	68.24 %
100°	39.59	722.00	3.96 %	72.20 %
105°	37.09	759.09	3.71 %	75.91 %
110°	34.58	793.67	3.46 %	79.37 %
115°	31.82	825.50	3.18 %	82.55 %
120°	29.07	854.57	2.91 %	85.46 %
125°	26.27	880.83	2.63 %	88.08 %
130°	23.50	904.33	2.35 %	90.43 %
135°	20.81	925.14	2.08 %	92.51 %
140°	18.10	943.25	1.81 %	94.32 %
145°	15.53	958.78	1.55 %	95.88 %
150°	12.96	971.74	1.30 %	97.17 %
155°	10.35	982.09	1.03 %	98.21 %
160°	7.74	989.82	0.77 %	98.98 %
165°	5.36	995.18	0.54 %	99.52 %
170°	3.17	998.35	0.32 %	99.83 %
175°	1.37	999.71	0.14 %	99.97 %
180°	0.29	1000.00	0.03 %	100.00 %

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Isolux (Floor)

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

