Luminaire
Code 20602202182
Name FOLIE S/70.2 - WHITE
Measurem.
Code CL092A22F005GE1
Name FOLIE S/70.2 - WHITE

Luminaire Flux	3331.26 lm	Luminaire Power	51.20 W	Efficacy	65.06 lm/W	Efficiency	63.15%
Sources Flux	5275.00 lm	Maximum value	1028.79 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

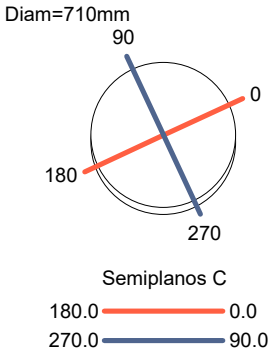
Round Luminaire	Diam. 710 mm	Height	1000 mm
Round Luminous Area	Diam. 710 mm	Height	1000 mm
Horizontal Luminous Area	0.395919 m2	Emitting area on Plane 180°	0.710000 m2
Emitting area on Plane 0°	0.710000 m2	Emitting area on Plane 270°	0.710000 m2
Emitting area on Plane 90°	0.710000 m2	Glare area at 76°	0.784691 m2
Coordinate system	CG	Symmetry Type	Double Symmetrical
Date	11-02-2022	Maximum Gamma Angle	180
Measurement Distance	6.44	Measurement Flux	3331.26 lm
Operator	ASSELUM	Rated Voltage	230.23 V
Temperature	24.90 °C	Rated Current	0.27 A
Humidity	24.90 %	Photocell	Prc
Notes	RM22013101.1; RM22013101.2		

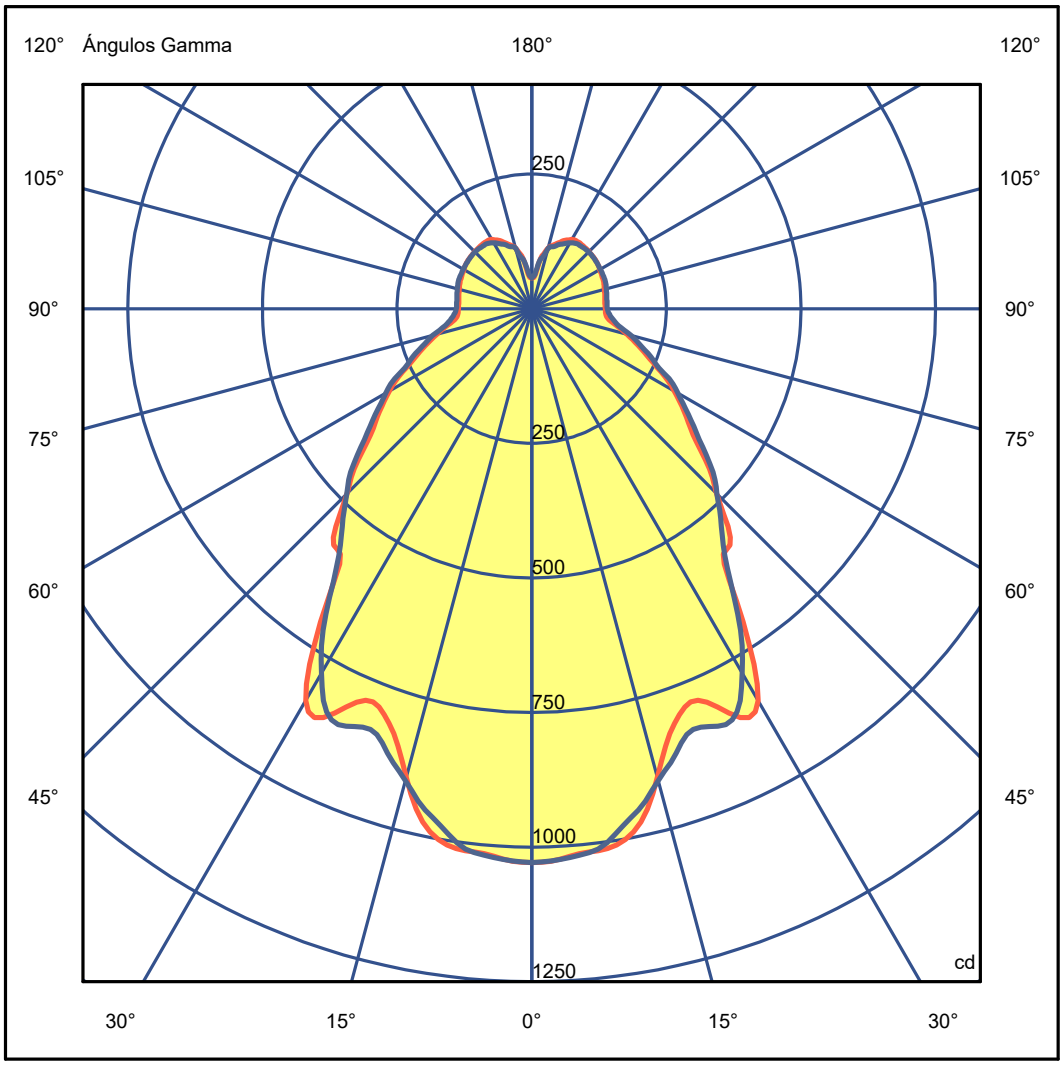
Luminaire Sources

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	LED	LED	1055.00	51.20	5

C.I.E.	49 75 90 74 63	D DIN 5040	B31
F UTE	0.47 E + 0.17 T	B NBN	BZ 4 / 1 / BZ 5







ULOR 16.56 %
DLOR 46.59 %
RN 26.22 %

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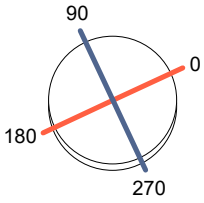
Luminous Intensity Table cd **Table 1/1**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	1028.79	1028.79	1028.79	1028.79	1028.79	1028.79	1028.79
G 2.5	1025.16	1023.93	1022.81	1022.43	1023.18	1024.34	1024.95
G 5.0	1015.75	1014.64	1014.04	1014.68	1016.13	1017.84	1018.67
G 7.5	1013.57	1014.16	1013.63	1012.69	1010.60	1008.59	1006.82
G 10.0	1000.63	1007.61	1011.85	1010.58	997.51	982.11	974.68
G 12.5	964.80	967.69	971.18	975.89	965.42	952.06	945.46
G 15.0	901.18	897.11	902.58	911.81	912.08	908.99	906.97
G 17.5	838.80	839.53	844.76	853.13	862.97	871.29	874.80
G 20.0	802.05	803.30	807.87	813.92	825.82	836.74	841.52
G 22.5	787.34	785.69	785.36	792.64	810.01	828.86	839.85
G 25.0	816.15	819.14	821.50	824.62	835.47	846.68	851.83
G 27.5	857.54	853.11	841.37	830.81	827.45	829.53	832.82
G 30.0	840.12	827.24	806.88	788.99	778.98	776.27	780.93
G 32.5	759.61	745.26	734.17	729.60	728.75	730.27	725.17
G 35.0	661.93	664.79	671.78	681.06	673.26	661.10	654.78
G 37.5	583.36	602.70	619.37	628.48	620.27	605.35	592.57
G 40.0	572.73	576.30	576.85	570.37	564.75	558.28	550.04
G 42.5	533.95	529.34	525.08	521.50	519.46	518.24	517.84
G 45.0	484.99	485.37	487.60	491.50	490.28	487.69	486.26
G 47.5	451.52	448.51	449.57	454.66	456.98	458.57	459.16
G 50.0	409.93	406.64	408.63	414.76	418.87	421.86	423.02
G 52.5	374.25	372.07	373.28	378.21	382.75	386.79	388.55
G 55.0	350.60	348.25	348.99	353.01	356.51	359.63	360.97
G 57.5	327.54	325.66	326.78	330.52	332.93	334.74	335.44
G 60.0	305.45	303.56	304.44	307.91	310.28	312.15	312.92
G 62.5	282.96	279.74	279.95	283.57	287.19	290.52	291.98
G 65.0	256.65	254.78	255.22	256.84	258.61	259.98	260.54
G 67.5	234.13	232.16	232.81	235.98	238.67	240.99	241.98
G 70.0	215.65	214.01	214.79	217.83	220.28	222.32	223.17
G 72.5	198.77	197.12	197.76	200.59	203.03	205.12	206.01
G 75.0	183.11	181.80	182.61	185.39	187.84	189.91	190.79
G 77.5	168.53	166.67	166.59	168.36	170.16	171.87	172.63
G 80.0	153.66	152.37	152.49	153.95	156.49	159.00	160.14
G 82.5	143.17	142.59	143.10	145.07	147.97	150.80	152.07
G 85.0	138.46	138.54	138.89	139.88	142.50	145.21	146.46
G 87.5	136.88	137.23	137.59	138.15	139.85	141.61	142.42
G 90.0	136.45	136.72	137.06	137.69	138.71	139.72	140.17
G 92.5	136.14	136.40	136.73	137.34	138.31	139.31	139.88
G 95.0	136.05	136.25	136.54	137.20	138.30	139.43	140.11
G 97.5	136.57	136.79	137.06	137.67	138.75	139.85	140.35
G100.0	137.53	137.66	137.86	138.35	139.49	140.69	141.25
G102.5	138.57	138.56	138.63	139.06	140.25	141.55	142.17
G105.0	139.57	139.48	139.46	139.85	141.12	142.55	143.22
G107.5	140.80	140.56	140.44	140.59	142.02	143.68	144.48
G110.0	142.00	141.50	141.10	141.23	142.73	144.54	145.42
G112.5	142.92	142.22	141.53	141.71	143.23	145.13	146.06
G115.0	143.80	142.97	142.11	142.14	143.57	145.44	146.36
G117.5	144.79	143.88	142.83	142.52	143.81	145.58	146.48
G120.0	145.77	144.75	143.51	143.02	144.25	146.03	146.94
G122.5	147.30	146.03	144.52	143.91	144.77	146.27	147.37
G125.0	148.37	146.90	145.18	144.41	145.54	147.10	147.89
G127.5	148.97	147.37	145.52	144.70	145.93	147.62	148.49
G130.0	149.40	147.66	145.65	144.78	146.12	147.98	148.93
G132.5	149.76	147.89	145.73	144.80	146.23	148.23	149.26
G135.0	150.04	148.03	145.71	144.67	146.14	148.23	149.29
G137.5	150.49	148.11	145.30	143.97	145.60	147.98	149.19
G140.0	150.83	147.63	143.76	141.81	143.83	146.74	148.39
G142.5	151.09	146.89	141.92	139.42	141.90	145.69	147.67
G145.0	151.11	145.48	138.93	135.75	138.68	144.17	147.14
G147.5	150.67	143.95	136.16	132.23	135.33	141.45	144.77
G150.0	148.76	141.19	132.58	128.22	131.49	138.05	141.63
G152.5	144.10	137.23	129.33	125.28	128.78	134.35	137.38
G155.0	139.66	133.05	126.73	123.42	126.15	130.40	132.69
G157.5	133.34	129.18	124.25	121.67	123.46	127.15	129.17
G160.0	128.13	124.55	119.99	117.41	118.77	121.91	123.66
G162.5	123.08	119.41	114.75	112.49	114.80	119.03	121.30
G165.0	116.79	111.66	105.15	102.23	106.69	112.94	116.13
G167.5	106.16	102.06	96.87	93.86	95.17	98.48	100.34
G170.0	95.56	92.25	88.09	86.03	87.97	91.59	93.54
G172.5	75.61	74.43	73.37	72.54	75.12	78.27	78.91
G175.0	61.69	61.34	60.87	61.09	61.82	63.44	64.35
G177.5	57.71	57.12	56.29	56.23	57.52	59.24	60.11
G180.0	57.69	57.69	57.69	57.69	57.69	57.69	57.69

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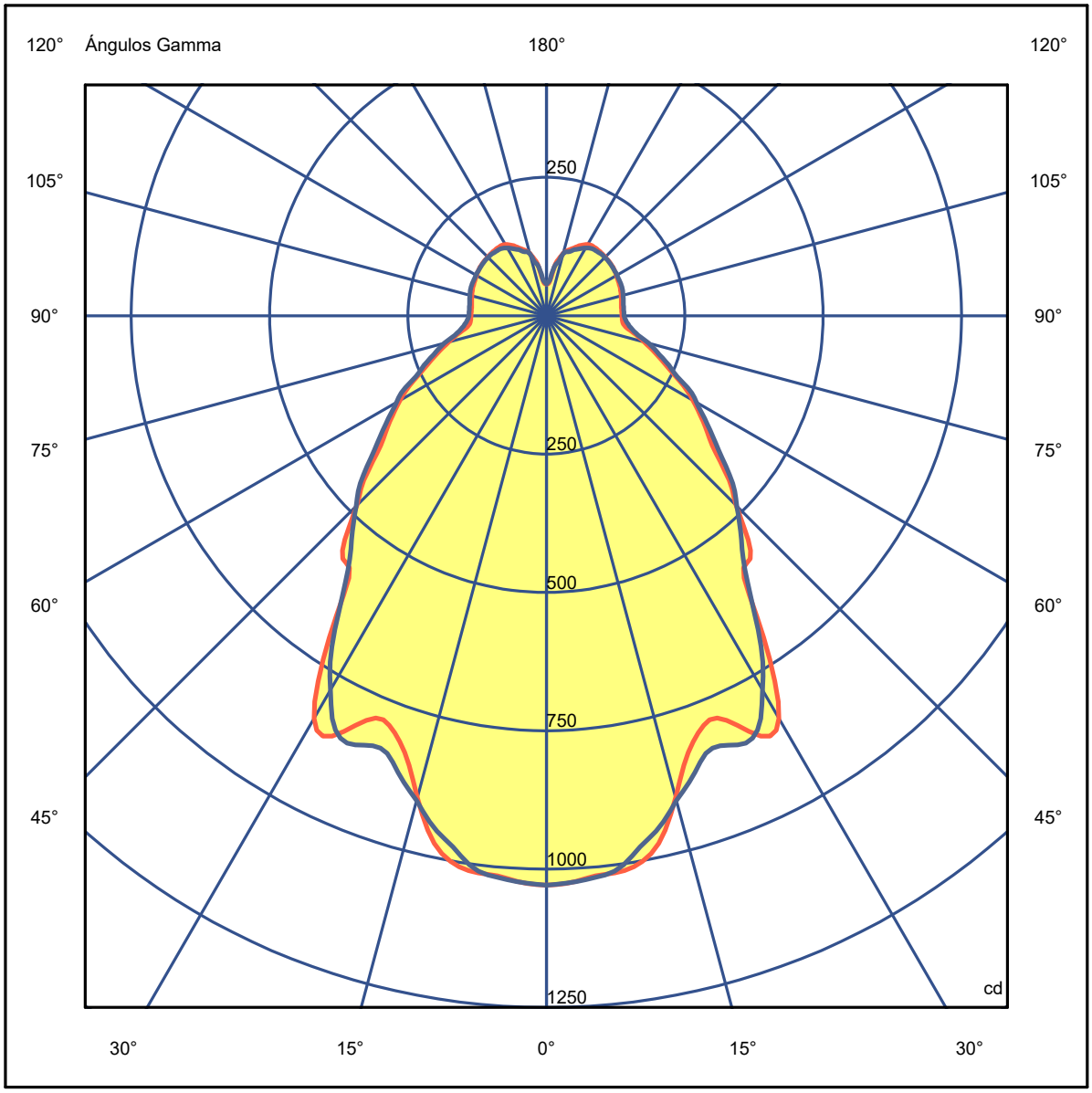
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Diam=710mm



Semiplanos C

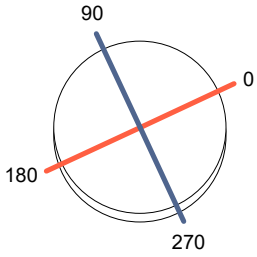




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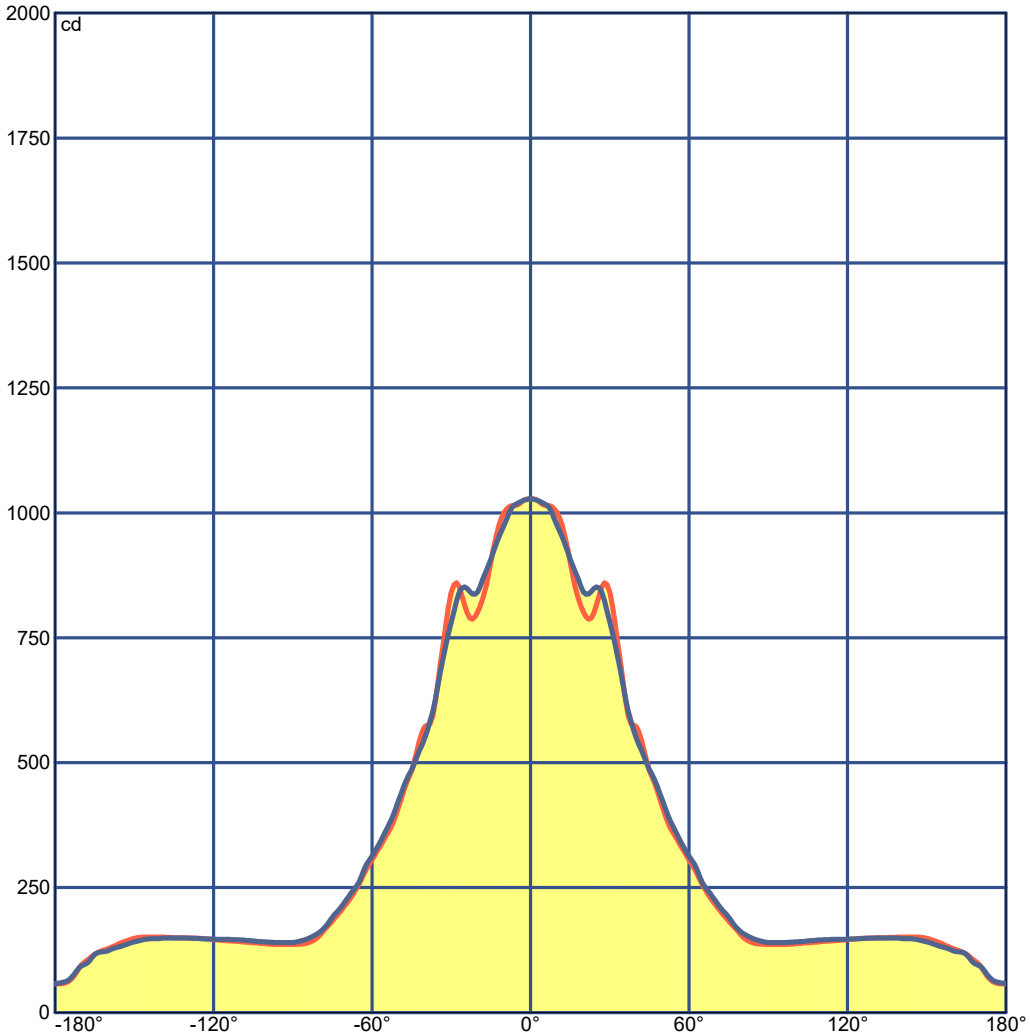
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Semiplanos C





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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	7.7	8.7	8.3	9.3	10.1	7.8	8.8	8.4	9.4	10.2
x=2H y=3H	8.8	9.7	9.5	10.4	11.1	9.0	9.9	9.6	10.5	11.3
x=2H y=4H	9.3	10.2	10.0	10.8	11.6	9.5	10.3	10.2	11.0	11.8
x=2H y=6H	9.8	10.6	10.5	11.3	12.1	10.0	10.8	10.7	11.5	12.3
x=2H y=8H	10.0	10.8	10.7	11.5	12.3	10.2	11.0	10.9	11.7	12.5
x=2H y=12H	10.2	11.0	11.0	11.7	12.5	10.5	11.2	11.2	11.9	12.7
x=4H y=2H	8.1	8.9	8.8	9.6	10.4	8.2	9.0	8.9	9.7	10.5
x=4H y=3H	9.4	10.1	10.1	10.8	11.7	9.5	10.3	10.3	11.0	11.8
x=4H y=4H	10.1	10.7	10.8	11.4	12.3	10.2	10.9	11.0	11.6	12.5
x=4H y=6H	10.7	11.3	11.5	12.0	12.9	10.9	11.4	11.6	12.2	13.1
x=4H y=8H	11.0	11.5	11.8	12.3	13.2	11.2	11.7	12.0	12.5	13.4
x=4H y=12H	11.3	11.8	12.1	12.6	13.5	11.5	12.0	12.3	12.8	13.7
x=8H y=4H	10.3	10.8	11.1	11.6	12.5	10.4	11.0	11.2	11.8	12.7
x=8H y=6H	11.1	11.5	11.9	12.3	13.3	11.3	11.7	12.1	12.5	13.5
x=8H y=8H	11.5	11.9	12.3	12.7	13.7	11.7	12.1	12.5	12.9	13.9
x=8H y=12H	12.0	12.3	12.8	13.2	14.2	12.2	12.5	13.0	13.4	14.4
x=12H y=4H	10.8	11.3	11.6	12.1	13.0	10.9	11.4	11.7	12.1	13.1
x=12H y=6H	11.5	11.9	12.4	12.7	13.7	11.7	12.1	12.5	12.9	13.8
x=12H y=8H	12.0	12.3	12.8	13.2	14.2	12.1	12.5	13.0	13.3	14.3

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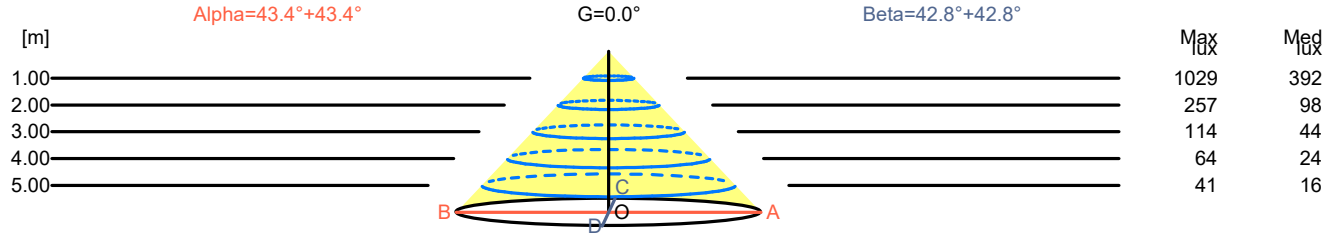
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Width at 50.00 % of Max Intensity

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	0.95	1.89	2.84	3.79	4.74	OC	0.92	1.85	2.77	3.70	4.62
OB	0.95	1.89	2.84	3.79	4.74	OD	0.92	1.85	2.77	3.70	4.62

Luminous Intensities [cd]

	0	5	15	25	35	45	55	65	75	85
OA	1028.79	1015.75	901.18	816.15	661.93	484.99	350.60	256.65	183.11	138.46
OB	1028.79	1015.75	901.18	816.15	661.93	484.99	350.60	256.65	183.11	138.46
OC	1028.79	1018.67	906.97	851.83	654.78	486.26	360.97	260.54	190.79	146.46
OD	1028.79	1018.67	906.97	851.83	654.78	486.26	360.97	260.54	190.79	146.46



H[m]	D[m]	Max lux	Med lux	Alpha=43.4°+43.4° G=0.0
1.00	1.89	1029	392	
2.00	3.79	257	98	
3.00	5.68	114	44	
4.00	7.58	64	24	
5.00	9.47	41	16	

H[m]	D[m]	Max lux	Med lux	Beta=42.8°+42.8° G=0.0
1.00	1.85	1029	392	
2.00	3.70	257	98	
3.00	5.55	114	44	
4.00	7.40	64	24	
5.00	9.25	41	16	

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Flujo Total=5275.00 Flujo Luminaria=3331.26

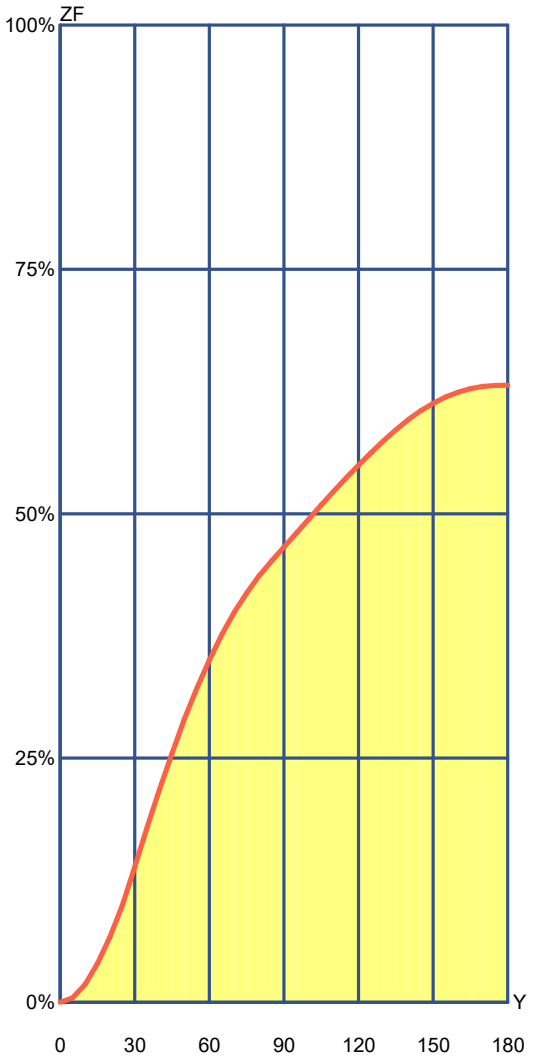
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.33	0.40	0.47	0.53	0.58	0.66	0.71	0.75	0.80	0.83	0.90	0.94
RC	5	5	5	5	5	5	5	6	6	6	6	6

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	67	139	218	290	350	399	436	466	494	523	550	575	596	613	624	630	632

Códigos de Flujo C.I.E.
49 75 90 74 63

C.I.E.	5/5/5/5/5/5/6/6/6/6/6	LOR	63.15179 %
D DIN 5040	B31	ULOR	16.55903 %
F UTE	0.47 E + 0.17 T	DLOR	46.59276 %
B NBN	BZ 4 / 1 / BZ 5	UFF	26.22101 %
RN	26.22101 %	DFF	73.77899 %
BLF	1.0	FFR	35.53993 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	4.63	4.63	0.73 %	0.73 %
10°	13.69	18.31	2.17 %	2.90 %
15°	21.51	39.82	3.41 %	6.31 %
20°	26.78	66.60	4.24 %	10.55 %
25°	32.35	98.96	5.12 %	15.67 %
30°	39.62	138.57	6.27 %	21.94 %
35°	40.93	179.50	6.48 %	28.42 %
40°	38.82	218.33	6.15 %	34.57 %
45°	36.87	255.19	5.84 %	40.41 %
50°	34.65	289.84	5.49 %	45.90 %
55°	31.44	321.28	4.98 %	50.87 %
60°	28.96	350.23	4.59 %	55.46 %
65°	26.13	376.37	4.14 %	59.60 %
70°	22.75	399.12	3.60 %	63.20 %
75°	19.96	419.08	3.16 %	66.36 %
80°	17.22	436.30	2.73 %	69.09 %
85°	15.16	451.46	2.40 %	71.49 %
90°	14.46	465.93	2.29 %	73.78 %
95°	14.30	480.23	2.26 %	76.04 %
100°	14.24	494.46	2.25 %	78.30 %
105°	14.18	508.64	2.25 %	80.54 %
110°	14.03	522.68	2.22 %	82.77 %
115°	13.73	536.41	2.17 %	84.94 %
120°	13.28	549.69	2.10 %	87.04 %
125°	12.75	562.43	2.02 %	89.06 %
130°	12.09	574.52	1.91 %	90.97 %
135°	11.26	585.78	1.78 %	92.76 %
140°	10.29	596.07	1.63 %	94.39 %
145°	9.11	605.18	1.44 %	95.83 %
150°	7.78	612.96	1.23 %	97.06 %
155°	6.37	619.33	1.01 %	98.07 %
160°	5.01	624.33	0.79 %	98.86 %
165°	3.64	627.97	0.58 %	99.44 %
170°	2.24	630.21	0.35 %	99.79 %
175°	1.04	631.25	0.16 %	99.96 %
180°	0.27	631.52	0.04 %	100.00 %

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Isolux (Floor)

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

