Luminaire
Code 20603202182
Name FOLIE S/70 - WHITE
Measurem.
Code CL092A22F013GE1
Name FOLIE S/70 - WHITE

Luminaire Flux	3584.63 lm	Luminaire Power	51.13 W	Efficacy	70.11 lm/W	Efficiency	67.96%
Sources Flux	5275.00 lm	Maximum value	1267.44 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

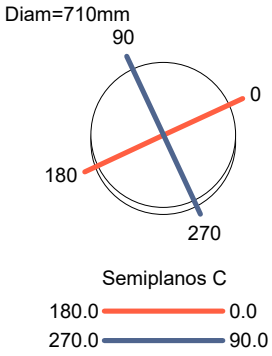
Round Luminaire	Diam. 710 mm	Height	860 mm
Round Luminous Area	Diam. 710 mm	Height	860 mm
Horizontal Luminous Area	0.395919 m2	Emitting area on Plane 180°	0.610600 m2
Emitting area on Plane 0°	0.610600 m2	Emitting area on Plane 270°	0.610600 m2
Emitting area on Plane 90°	0.610600 m2	Glare area at 76°	0.688244 m2
Coordinate system	CG	Symmetry Type	Double Symmetrical
Date	27-04-2022	Maximum Gamma Angle	180
Measurement Distance	6.44	Measurement Flux	3584.63 lm
Operator	ASSELUM	Rated Voltage	230.13 V
Temperature	24.30 °C	Rated Current	0.27 A
Humidity	35.80 %	Photocell	Prc
Notes			

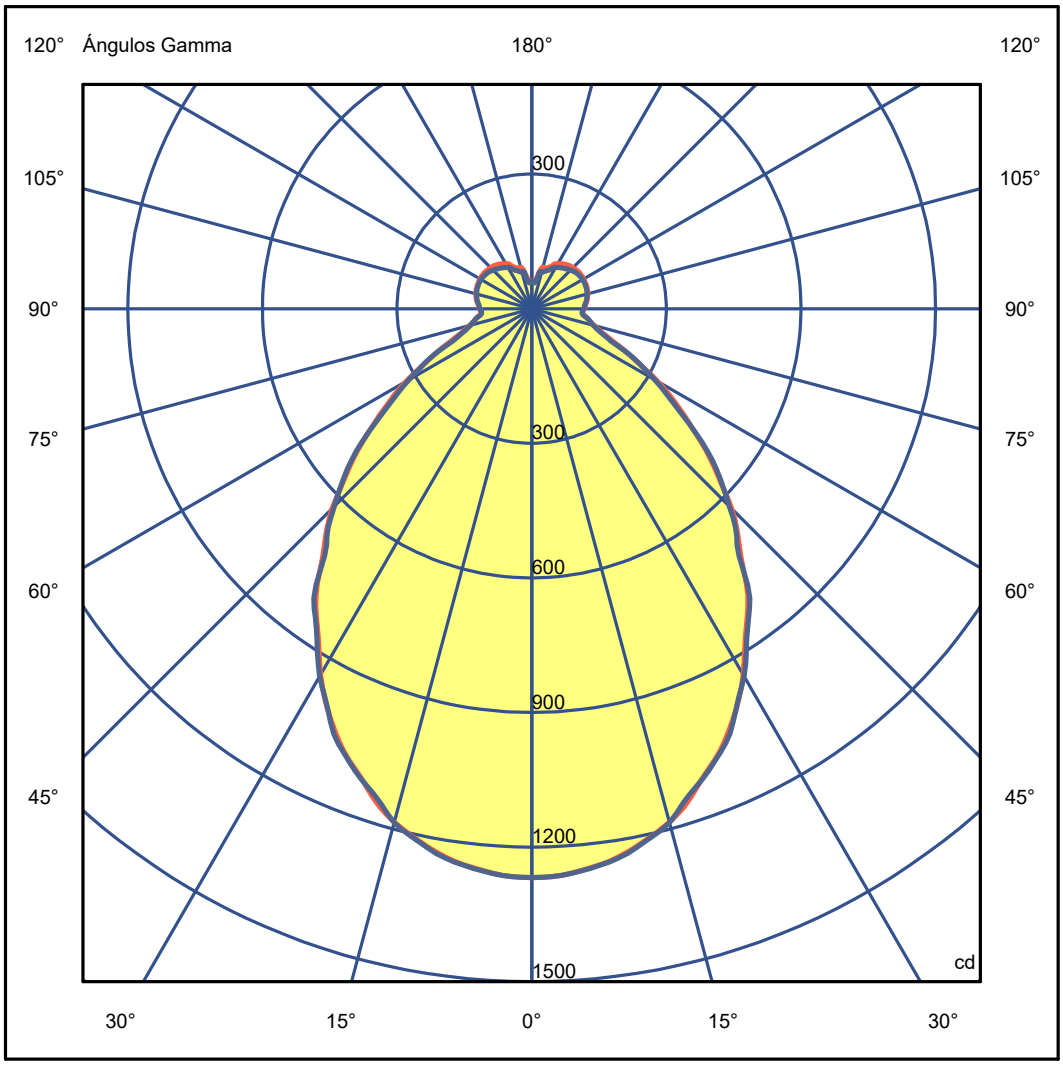
Luminaire Sources

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	LED	LED	1055.00	51.13	5

C.I.E.	54 82 93 79 68	D DIN 5040	B41
F UTE	0.54 D + 0.14 T	B NBN	BZ 4







ULOR 14.44 %
DLOR 53.51 %
RN 21.25 %

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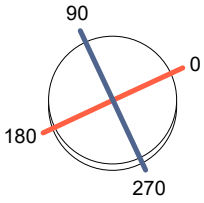
Luminous Intensity Table cd **Table 1/1**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	1267.44	1267.44	1267.44	1267.44	1267.44	1267.44	1267.44
G 2.5	1265.51	1264.73	1263.83	1263.44	1263.98	1264.88	1265.35
G 5.0	1256.68	1256.21	1256.19	1256.47	1256.93	1257.36	1257.55
G 7.5	1245.91	1245.41	1245.43	1245.79	1246.35	1246.86	1247.09
G 10.0	1229.49	1229.47	1230.15	1231.01	1231.62	1231.96	1232.06
G 12.5	1208.01	1209.76	1211.99	1213.12	1212.12	1210.21	1209.18
G 15.0	1184.54	1183.04	1181.27	1180.64	1182.01	1184.13	1185.23
G 17.5	1153.21	1151.55	1149.62	1147.76	1146.27	1145.31	1144.96
G 20.0	1112.66	1111.87	1112.62	1113.78	1114.44	1114.63	1114.64
G 22.5	1079.62	1078.68	1079.31	1080.36	1080.96	1081.12	1081.11
G 25.0	1038.39	1039.40	1041.93	1044.22	1044.97	1044.70	1044.40
G 27.5	992.76	995.04	996.97	997.34	995.48	992.89	991.57
G 30.0	941.67	938.99	936.74	936.69	939.79	943.84	945.86
G 32.5	884.07	882.97	884.74	887.37	889.24	890.20	890.47
G 35.0	836.78	835.60	837.15	839.42	840.82	841.36	841.45
G 37.5	788.63	786.53	787.40	789.78	792.34	794.32	795.12
G 40.0	726.33	727.83	730.58	730.96	726.68	720.86	717.93
G 42.5	679.03	675.51	673.97	673.62	673.76	674.03	674.18
G 45.0	629.22	624.94	621.32	619.51	620.17	621.94	622.94
G 47.5	570.27	568.39	569.27	571.22	572.83	573.80	574.13
G 50.0	520.09	518.30	519.53	521.83	523.60	524.58	524.89
G 52.5	465.42	464.96	467.44	469.75	469.61	468.10	467.17
G 55.0	414.47	413.99	414.46	413.99	411.37	408.16	406.59
G 57.5	368.48	365.25	363.27	361.83	360.43	359.28	358.80
G 60.0	324.66	320.24	316.47	314.28	314.21	315.21	315.86
G 62.5	275.57	273.11	272.93	273.84	274.83	275.57	275.85
G 65.0	238.82	237.38	237.83	238.86	239.46	239.62	239.62
G 67.5	203.45	204.13	205.88	205.96	202.63	198.21	196.00
G 70.0	176.62	175.34	174.88	174.33	173.12	171.77	171.13
G 72.5	156.75	156.57	156.72	156.46	155.30	153.92	153.25
G 75.0	144.31	143.94	143.54	143.09	142.60	142.19	142.02
G 77.5	133.71	133.26	133.27	133.47	133.63	133.72	133.75
G 80.0	126.88	126.52	126.51	126.63	126.69	126.70	126.69
G 82.5	118.82	119.26	119.82	119.85	118.94	117.73	117.12
G 85.0	114.41	114.82	115.09	115.07	114.13	112.95	112.34
G 87.5	113.90	114.35	114.54	114.38	113.94	113.29	112.95
G 90.0	116.57	116.56	116.23	115.82	115.53	115.37	115.32
G 92.5	118.63	118.58	118.24	117.79	117.42	117.16	117.07
G 95.0	120.66	120.70	120.32	119.75	119.15	118.69	118.62
G 97.5	123.59	123.17	122.45	121.89	121.81	122.00	122.14
G100.0	125.61	125.10	124.28	123.67	123.66	123.96	124.16
G102.5	127.29	126.58	125.57	124.92	125.07	125.60	125.92
G105.0	129.14	128.15	126.80	125.95	126.32	127.06	127.42
G107.5	130.33	129.23	127.78	126.89	127.31	128.13	128.55
G110.0	131.44	130.31	128.84	127.96	128.36	129.18	129.59
G112.5	132.13	131.16	129.88	129.05	129.31	129.93	130.24
G115.0	132.64	131.87	130.80	130.04	130.02	130.39	130.63
G117.5	132.99	132.35	131.42	130.68	130.59	130.65	130.72
G120.0	133.23	132.70	131.87	131.13	130.86	130.67	130.62
G122.5	133.36	132.91	132.17	131.37	130.73	130.32	130.18
G125.0	133.35	132.97	132.26	131.34	130.35	129.54	129.21
G127.5	133.00	132.60	131.89	130.97	129.74	128.67	128.22
G130.0	132.32	132.04	131.26	130.05	128.55	127.22	126.65
G132.5	131.18	131.10	130.41	129.04	127.05	125.20	124.38
G135.0	130.02	130.01	129.28	127.68	125.30	123.04	122.03
G137.5	128.70	128.69	127.88	126.09	123.39	120.83	119.68
G140.0	126.66	126.66	125.74	123.75	120.78	117.97	116.72
G142.5	124.51	124.22	123.04	120.95	118.14	115.60	114.49
G145.0	122.13	121.50	119.86	117.55	114.99	112.88	112.01
G147.5	119.18	118.27	116.33	113.96	112.02	110.24	109.44
G150.0	115.64	114.44	112.27	109.98	108.55	107.35	106.92
G152.5	113.14	111.28	108.26	105.49	104.36	103.69	103.55
G155.0	105.53	104.30	102.22	99.95	98.06	96.81	96.36
G157.5	100.99	99.71	97.60	95.46	94.19	93.16	92.82
G160.0	97.29	96.20	94.23	92.17	90.98	89.96	89.53
G162.5	93.72	91.88	89.13	86.89	86.18	86.44	86.73
G165.0	96.45	93.15	87.85	83.62	82.66	83.68	84.51
G167.5	89.68	85.97	80.87	78.03	80.43	83.94	85.90
G170.0	76.46	73.40	69.73	67.32	67.44	68.87	69.75
G172.5	64.49	66.26	66.99	66.34	64.61	62.10	60.78
G175.0	61.03	60.83	60.19	59.41	58.78	58.26	58.03
G177.5	62.37	61.45	60.09	59.14	59.19	59.77	60.12
G180.0	62.13	62.13	62.13	62.13	62.13	62.13	62.13

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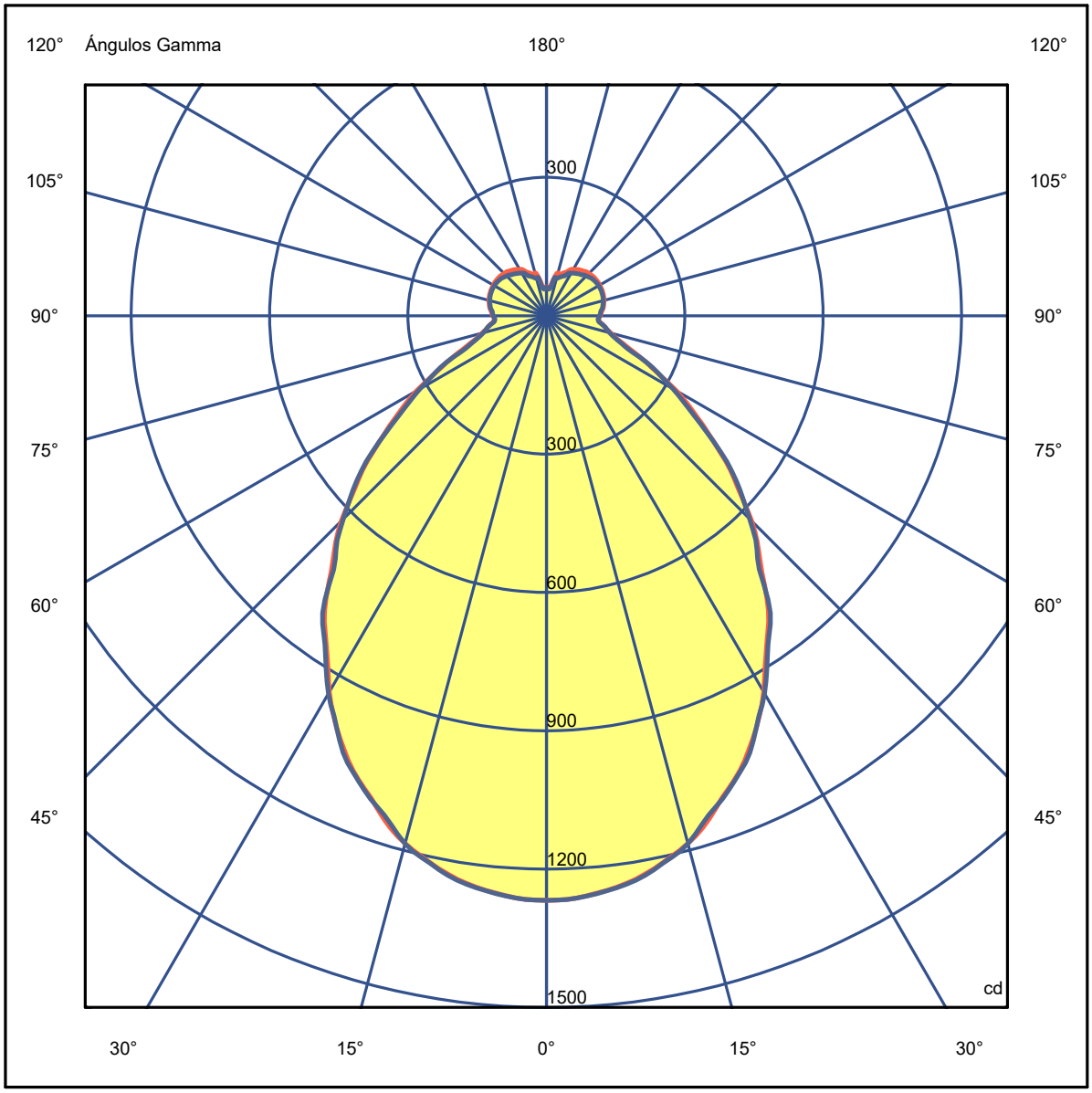
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Sources Flux	5275.00 lm	Maximum value	1267.44 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=710mm



Semiplanos C





Luminaire
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Name FOLIE S/70 - WHITE
Measurem.
Code CL092A22F013GE1
Name FOLIE S/70 - WHITE

Luminaire Flux	3584.63 lm	Luminaire Power	51.13 W	Efficacy	70.11 lm/W	Efficiency	67.96%
Sources Flux	5275.00 lm	Maximum value	1267.44 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
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	8.9	10.0	9.5	10.5	11.1	8.9	10.0	9.5	10.5	11.1
x=2H y=3H	9.5	10.4	10.2	11.1	11.7	9.5	10.4	10.1	11.0	11.7
x=2H y=4H	9.8	10.7	10.4	11.3	12.0	9.8	10.6	10.4	11.2	11.9
x=2H y=6H	10.1	10.9	10.7	11.5	12.2	10.1	10.8	10.7	11.4	12.2
x=2H y=8H	10.2	11.0	10.9	11.6	12.3	10.2	10.9	10.8	11.6	12.3
x=2H y=12H	10.4	11.1	11.0	11.7	12.5	10.3	11.0	11.0	11.7	12.4
x=4H y=2H	9.2	10.0	9.8	10.6	11.3	9.2	10.0	9.8	10.6	11.3
x=4H y=3H	9.9	10.6	10.6	11.3	12.0	9.9	10.6	10.6	11.3	12.0
x=4H y=4H	10.3	10.9	11.0	11.6	12.4	10.3	10.9	11.0	11.6	12.3
x=4H y=6H	10.7	11.3	11.4	12.0	12.8	10.7	11.2	11.4	11.9	12.7
x=4H y=8H	10.9	11.4	11.7	12.2	13.0	10.9	11.4	11.6	12.1	13.0
x=4H y=12H	11.2	11.6	11.9	12.4	13.2	11.1	11.6	11.9	12.3	13.2
x=8H y=4H	10.4	10.9	11.1	11.6	12.4	10.4	10.9	11.1	11.6	12.4
x=8H y=6H	11.0	11.4	11.7	12.1	13.0	10.9	11.4	11.7	12.1	13.0
x=8H y=8H	11.3	11.7	12.1	12.4	13.3	11.3	11.7	12.0	12.4	13.3
x=8H y=12H	11.7	12.0	12.5	12.8	13.7	11.7	12.0	12.4	12.8	13.7
x=12H y=4H	10.7	11.2	11.5	11.9	12.8	10.7	11.2	11.4	11.9	12.7
x=12H y=6H	11.3	11.7	12.0	12.4	13.3	11.3	11.6	12.0	12.4	13.3
x=12H y=8H	11.7	12.0	12.4	12.8	13.7	11.6	12.0	12.4	12.7	13.7

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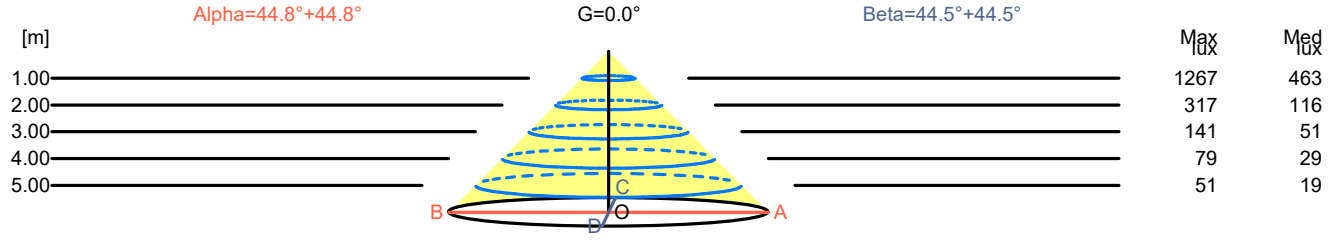
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Sources Flux	5275.00 lm	Maximum value	1267.44 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	0.99	1.99	2.98	3.97	4.96	OC	0.98	1.97	2.95	3.93	4.91
OB	0.99	1.99	2.98	3.97	4.96	OD	0.98	1.97	2.95	3.93	4.91

Luminous Intensities [cd]

	0	5	15	25	35	45	55	65	75	85
OA	1267.44	1256.68	1184.54	1038.39	836.78	629.22	414.47	238.82	144.31	114.41
OB	1267.44	1256.68	1184.54	1038.39	836.78	629.22	414.47	238.82	144.31	114.41
OC	1267.44	1257.55	1185.23	1044.40	841.45	622.94	406.59	239.62	142.02	112.34
OD	1267.44	1257.55	1185.23	1044.40	841.45	622.94	406.59	239.62	142.02	112.34



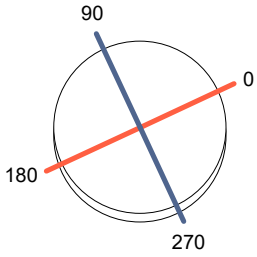
H[m]	D[m]	Max lux	Med lux	Alpha=44.8°+44.8° G=0.0
1.00	1.99	1267	463	
2.00	3.97	317	116	
3.00	5.96	141	51	
4.00	7.94	79	29	
5.00	9.93	51	19	

H[m]	D[m]	Max lux	Med lux	Beta=44.5°+44.5° G=0.0
1.00	1.97	1267	463	
2.00	3.93	317	116	
3.00	5.90	141	51	
4.00	7.86	79	29	
5.00	9.83	51	19	

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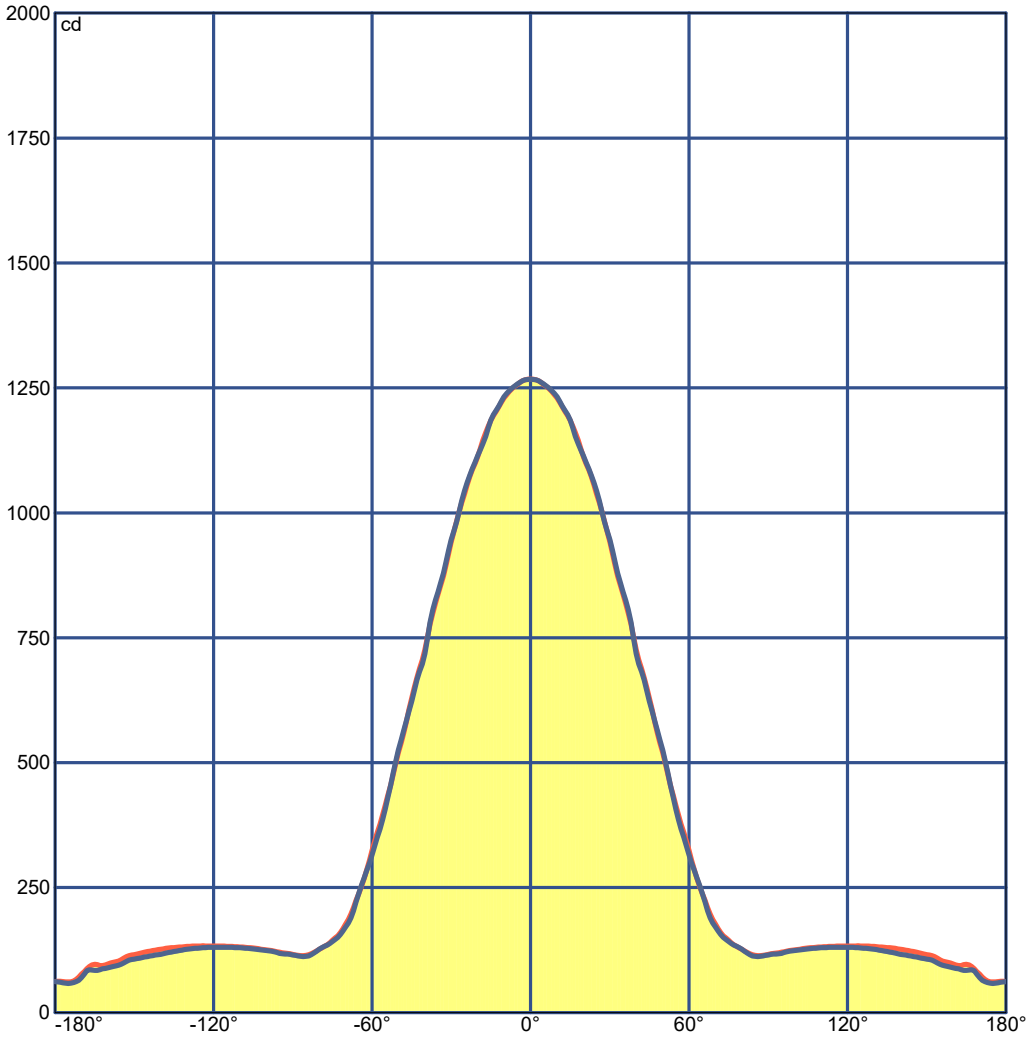
Luminaire Flux	3584.63 lm	Luminaire Power	51.13 W	Efficacy	70.11 lm/W	Efficiency	67.96%
Sources Flux	5275.00 lm	Maximum value	1267.44 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=710mm



Semiplanos C





Luminaire
Code 20603202182
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Measurem.
Code CL092A22F013GE1
Name FOLIE S/70 - WHITE

Luminaire Flux	3584.63 lm	Luminaire Power	51.13 W	Efficacy	70.11 lm/W	Efficiency	67.96%
Sources Flux	5275.00 lm	Maximum value	1267.44 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Flujo Total=5275.00 Flujo Luminaria=3584.63

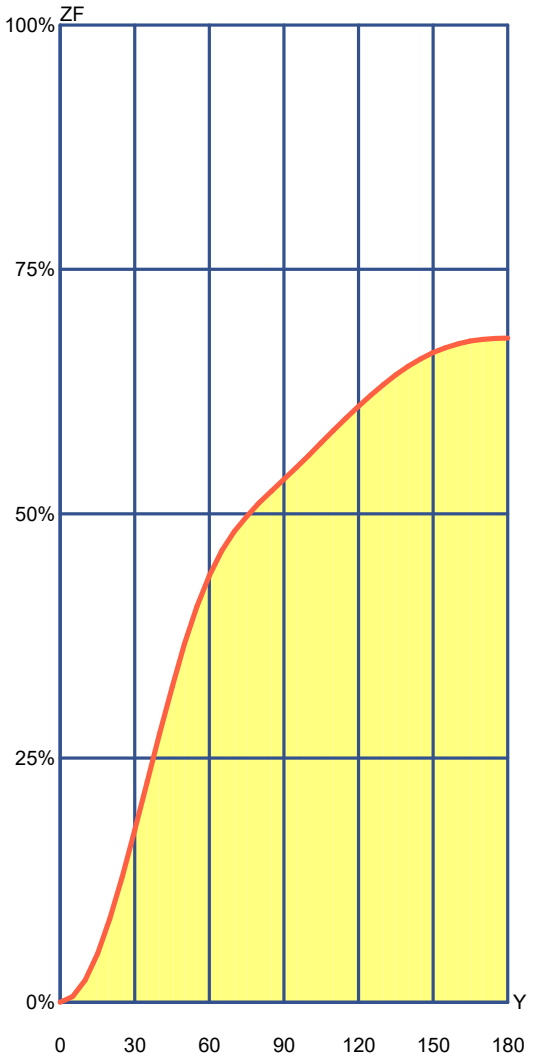
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.36	0.44	0.51	0.58	0.63	0.70	0.75	0.79	0.83	0.86	0.92	0.95
RC	4	4	4	4	4	4	4	4	5	5	6	6

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)	23	86	176	275	366	437	482	511	535	560	585	610	632	651	665	674	678	680

Códigos de Flujo C.I.E.
54 82 93 79 68

C.I.E.	4/4/4/4/4/4/4/4/5/5/6/6	LOR	67.95509 %
D DIN 5040	B41	ULOR	14.44340 %
F UTE	0.54 D + 0.14 T	DLOR	53.51169 %
B NBN	BZ 4	UFF	21.25434 %
RN	21.25434 %	DFF	78.74566 %
BLF	1.0	FFR	26.99112 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	5.72	5.72	0.84 %	0.84 %
10°	16.87	22.59	2.48 %	3.32 %
15°	27.16	49.75	4.00 %	7.32 %
20°	35.84	85.59	5.27 %	12.60 %
25°	42.88	128.47	6.31 %	18.90 %
30°	47.60	176.07	7.00 %	25.91 %
35°	49.54	225.61	7.29 %	33.20 %
40°	49.70	275.31	7.31 %	40.51 %
45°	47.31	322.62	6.96 %	47.48 %
50°	43.76	366.38	6.44 %	53.91 %
55°	38.49	404.87	5.66 %	59.58 %
60°	31.82	436.68	4.68 %	64.26 %
65°	25.42	462.10	3.74 %	68.00 %
70°	19.62	481.72	2.89 %	70.89 %
75°	15.56	497.29	2.29 %	73.18 %
80°	13.61	510.90	2.00 %	75.18 %
85°	12.33	523.23	1.81 %	77.00 %
90°	11.89	535.12	1.75 %	78.75 %
95°	12.23	547.35	1.80 %	80.55 %
100°	12.59	559.93	1.85 %	82.40 %
105°	12.75	572.69	1.88 %	84.27 %
110°	12.70	585.39	1.87 %	86.14 %
115°	12.48	597.87	1.84 %	87.98 %
120°	12.09	609.96	1.78 %	89.76 %
125°	11.52	621.49	1.70 %	91.46 %
130°	10.77	632.26	1.58 %	93.04 %
135°	9.84	642.09	1.45 %	94.49 %
140°	8.78	650.87	1.29 %	95.78 %
145°	7.60	658.47	1.12 %	96.90 %
150°	6.37	664.84	0.94 %	97.84 %
155°	5.10	669.94	0.75 %	98.59 %
160°	3.84	673.78	0.56 %	99.15 %
165°	2.79	676.57	0.41 %	99.56 %
170°	1.82	678.39	0.27 %	99.83 %
175°	0.88	679.28	0.13 %	99.96 %
180°	0.27	679.55	0.04 %	100.00 %

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Sources Flux	5275.00 lm	Maximum value	1267.44 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Isolux (Floor)

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

