

Luminaire
Code 4987
Name Ghost ceiling white
Measur.
Code CL252A21F001G
Name Ghost ceiling white

Luminaire Flux	3604.01 lm	Luminaire Power	42.23 W	Efficacy	85.34 lm/W	Efficiency	100.00%
Sources Flux	3604.01 lm	Maximum value	336.62 cd	Position	C=0.00 G=62.50	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	242.65	242.65	242.65	242.65	242.65	242.65	242.65
G 2.5	244.12	244.48	244.50	244.03	243.93	243.89	243.88
G 5.0	248.56	248.30	247.75	247.34	247.36	247.60	247.76
G 7.5	253.70	253.87	253.77	253.48	253.10	252.77	252.63
G 10.0	258.92	259.75	260.18	259.89	259.16	258.30	257.87
G 12.5	265.82	266.18	265.99	265.30	264.26	263.29	262.86
G 15.0	271.07	271.32	271.11	270.70	270.29	269.99	269.87
G 17.5	277.85	277.67	277.12	276.15	275.75	275.58	275.55
G 20.0	283.04	282.90	282.51	281.94	281.29	280.76	280.53
G 22.5	288.00	288.70	289.11	288.80	287.58	286.15	285.46
G 25.0	292.89	293.83	294.61	294.48	293.03	291.21	290.31
G 27.5	298.70	299.30	299.56	299.16	297.96	296.61	295.97
G 30.0	303.22	303.72	303.96	303.70	302.84	301.87	301.40
G 32.5	309.04	308.76	308.35	307.83	307.22	306.71	306.49
G 35.0	312.89	312.83	312.60	312.15	311.51	310.91	310.64
G 37.5	316.81	316.92	316.99	316.71	315.90	315.00	314.57
G 40.0	321.13	320.78	320.22	319.57	318.92	318.43	318.23
G 42.5	324.42	323.70	322.83	322.14	321.86	321.87	321.93
G 45.0	327.29	326.17	324.95	324.29	324.63	325.41	325.85
G 47.5	330.23	328.63	326.96	326.10	326.59	327.67	328.27
G 50.0	332.20	330.54	328.88	327.73	328.36	329.66	330.37
G 52.5	333.81	331.81	329.75	328.78	329.61	331.19	332.05
G 55.0	335.32	332.62	330.20	329.16	330.37	332.35	333.40
G 57.5	336.07	333.28	330.40	329.17	330.69	333.30	334.69
G 60.0	336.56	333.40	330.12	328.75	330.53	333.56	335.16
G 62.5	336.62	333.10	329.46	327.97	330.01	333.44	335.26
G 65.0	336.28	332.18	327.94	326.23	328.68	332.77	334.93
G 67.5	335.55	331.01	326.27	324.38	327.19	331.83	334.28
G 70.0	334.15	329.29	324.29	322.33	325.35	330.32	332.93
G 72.5	332.67	327.46	322.05	319.88	323.04	328.29	331.06
G 75.0	330.20	324.94	319.45	317.29	320.64	326.14	329.03
G 77.5	327.93	322.09	316.02	313.67	317.43	323.56	326.78
G 80.0	325.45	318.95	312.20	309.59	313.81	320.66	324.26
G 82.5	322.57	315.79	308.71	305.98	310.46	317.73	321.54
G 85.0	319.26	312.42	305.32	302.65	307.26	314.66	318.53
G 87.5	318.01	311.19	303.87	300.95	305.45	312.86	316.75
G 90.0	319.34	312.07	304.15	300.88	305.54	313.33	317.44
G 92.5	320.78	313.42	305.39	302.03	306.64	314.42	318.54
G 95.0	321.89	314.34	306.10	302.52	306.94	314.57	318.62
G 97.5	322.40	314.67	306.18	302.30	306.36	313.71	317.64
G100.0	322.18	314.34	305.69	301.49	305.06	311.91	315.62
G102.5	321.35	313.44	304.64	300.05	302.95	309.13	312.53
G105.0	319.85	311.81	302.84	298.01	300.56	306.41	309.68
G107.5	317.97	309.06	299.17	293.80	296.45	302.71	306.22
G110.0	315.47	306.18	295.85	290.13	292.62	298.88	302.40
G112.5	311.63	302.19	291.83	286.07	288.44	294.56	298.02
G115.0	307.93	298.50	288.00	281.72	283.07	288.13	291.10
G117.5	302.26	293.37	283.34	277.24	278.37	283.04	285.81
G120.0	297.20	287.91	277.49	271.21	273.04	277.56	280.33
G122.5	291.78	282.15	271.42	264.93	266.72	271.32	274.18
G125.0	285.23	275.85	265.41	259.09	260.79	265.20	267.93
G127.5	277.55	268.83	259.31	253.38	254.38	257.88	260.04
G130.0	270.70	262.31	253.13	247.12	247.34	249.94	251.66
G132.5	261.12	254.02	246.03	240.76	241.05	243.38	244.89
G135.0	253.24	245.44	236.80	231.47	232.17	235.86	238.09
G137.5	244.55	236.57	227.72	222.56	224.53	228.86	231.41
G140.0	233.12	225.37	218.34	214.72	217.11	221.52	224.03
G142.5	224.07	217.28	210.25	206.40	207.90	211.86	214.11
G145.0	213.64	207.72	201.39	197.71	198.67	201.85	203.69
G147.5	202.32	196.69	190.56	187.22	188.73	192.45	194.54
G150.0	191.51	185.70	179.40	176.09	177.99	182.18	184.51
G152.5	180.08	173.95	167.06	163.54	166.01	171.08	173.86
G155.0	163.55	158.64	154.71	152.74	155.81	160.64	163.15
G157.5	152.10	148.12	143.94	141.74	142.89	145.53	147.01
G160.0	136.88	134.67	132.02	130.76	132.05	134.39	135.65
G162.5	125.39	122.95	119.90	118.46	120.09	122.98	124.52
G165.0	113.97	110.26	105.94	104.07	106.57	110.81	113.05
G167.5	100.83	97.25	94.13	93.54	96.09	100.07	102.14
G170.0	87.54	86.24	84.54	84.03	86.01	88.67	89.51
G172.5	78.52	78.66	78.56	78.60	78.95	79.50	79.78
G175.0	76.89	76.94	76.65	76.63	77.27	78.14	78.57
G177.5	79.16	79.73	80.28	80.69	80.74	80.64	80.56
G180.0	81.97	81.97	81.97	81.97	81.97	81.97	81.97

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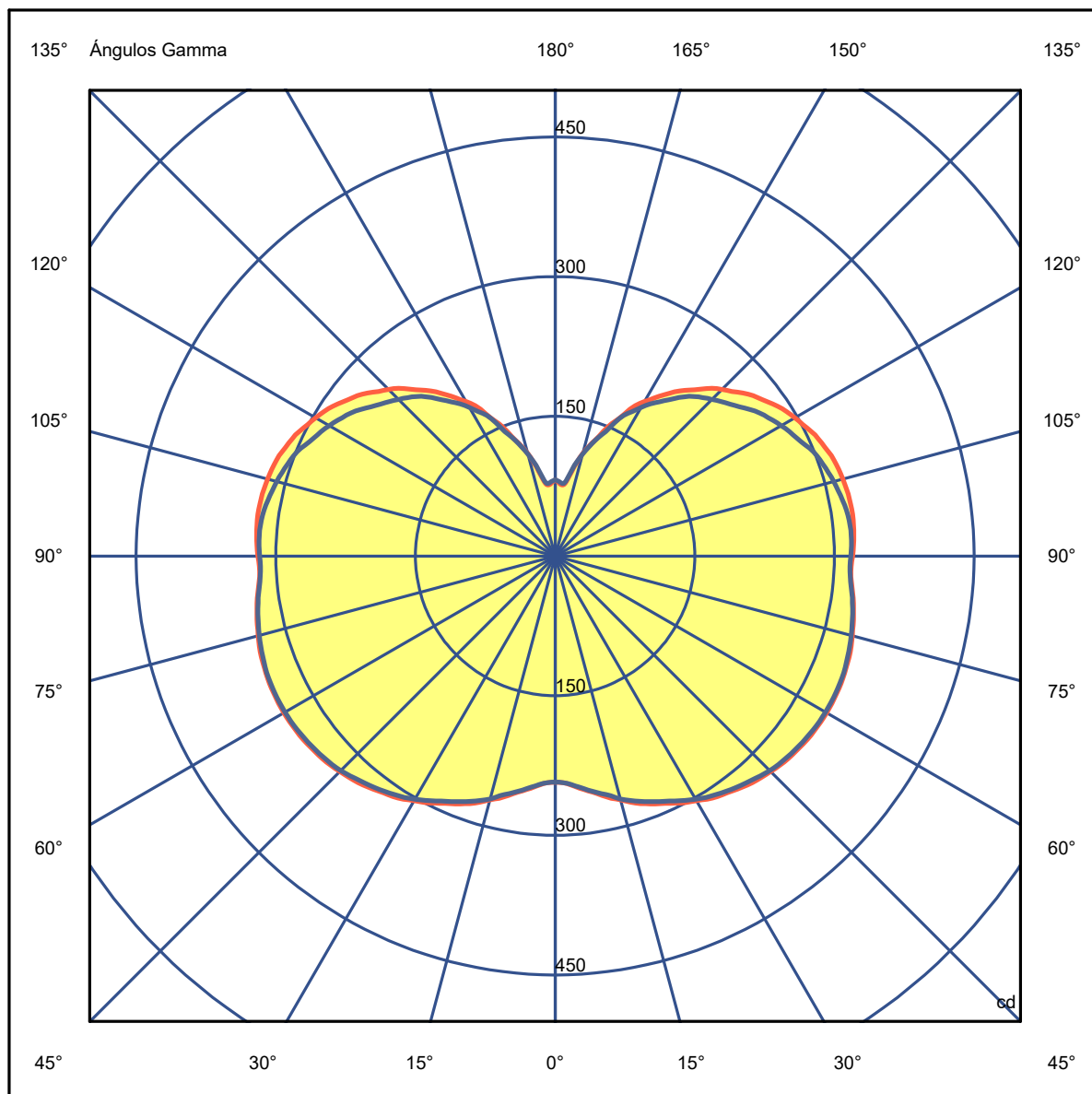
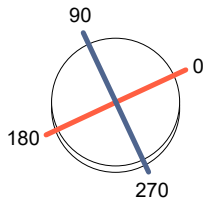
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Sources Flux	3604.01 lm	Maximum value	336.62 cd	Position	C=0.00 G=62.50	CG	Double Symmetrical

Diam=450mm

Semiplanos C

180.0 ——— 0.0
270.0 ——— 90.0



Luminaire

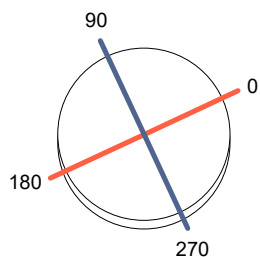
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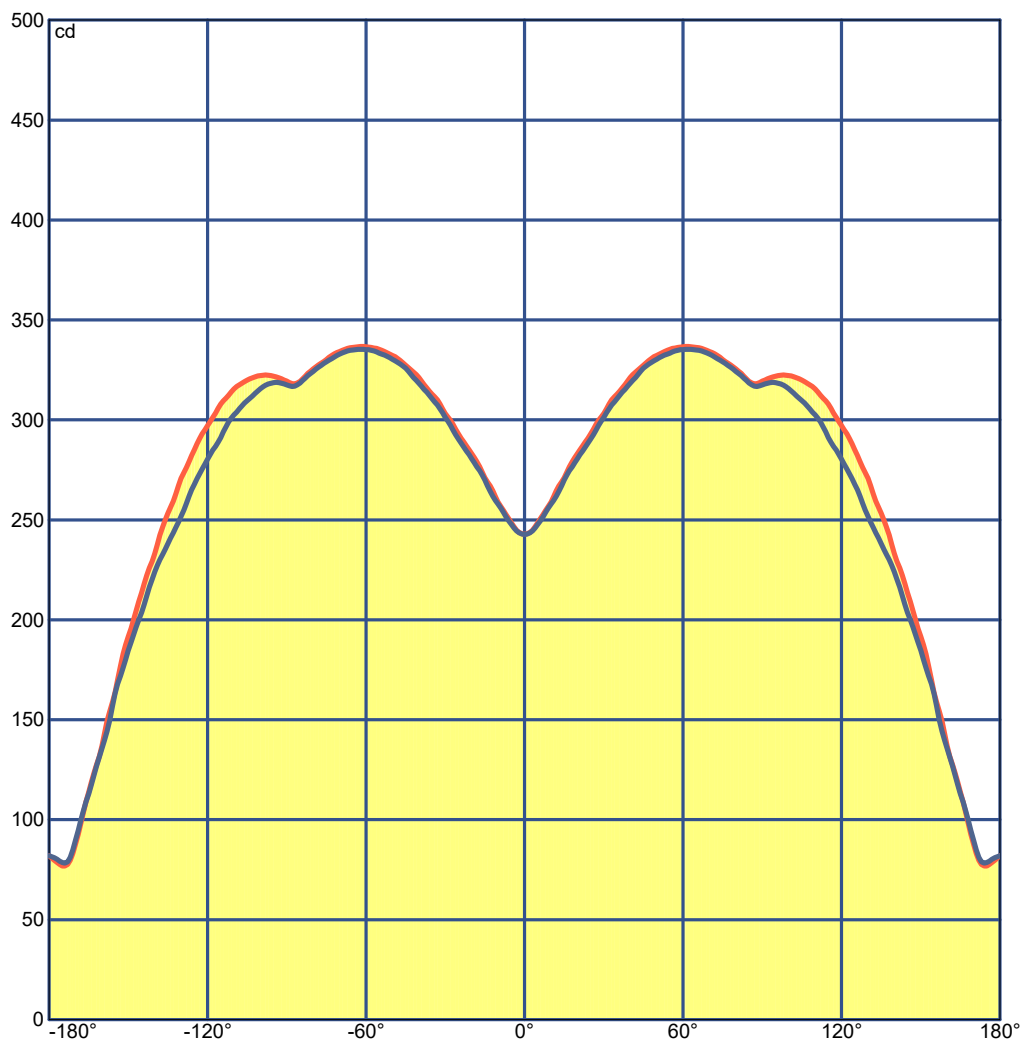
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UGR
S = 0.250

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	10.0	11.0	10.8	11.9	13.0	10.0	11.0	10.8	11.9	13.0
x=2H y=3H	12.4	13.4	13.3	14.3	15.4	12.4	13.4	13.3	14.3	15.4
x=2H y=4H	13.7	14.6	14.6	15.5	16.6	13.7	14.6	14.6	15.5	16.6
x=2H y=6H	14.9	15.7	15.8	16.6	17.8	14.9	15.7	15.8	16.7	17.8
x=2H y=8H	15.5	16.3	16.4	17.2	18.4	15.5	16.3	16.4	17.2	18.4
x=2H y=12H	16.1	16.9	17.0	17.8	19.0	16.1	16.9	17.0	17.8	19.0
x=4H y=2H	10.8	11.6	11.6	12.5	13.7	10.8	11.6	11.6	12.5	13.7
x=4H y=3H	13.4	14.1	14.3	15.1	16.2	13.4	14.1	14.3	15.1	16.2
x=4H y=4H	14.8	15.5	15.7	16.4	17.6	14.8	15.5	15.7	16.4	17.6
x=4H y=6H	16.2	16.8	17.1	17.7	19.0	16.2	16.8	17.1	17.8	19.0
x=4H y=8H	16.9	17.4	17.8	18.4	19.6	16.9	17.4	17.8	18.4	19.6
x=4H y=12H	17.6	18.1	18.5	19.0	20.3	17.6	18.1	18.5	19.1	20.3
x=8H y=4H	15.3	15.8	16.2	16.8	18.0	15.3	15.8	16.2	16.8	18.0
x=8H y=6H	16.9	17.4	17.9	18.3	19.6	16.9	17.4	17.9	18.4	19.6
x=8H y=8H	17.7	18.2	18.7	19.1	20.4	17.8	18.2	18.7	19.2	20.4
x=8H y=12H	18.6	19.0	19.6	20.0	21.3	18.6	19.0	19.6	20.0	21.3
x=12H y=4H	16.2	16.7	17.2	17.7	19.0	16.2	16.7	17.2	17.7	18.9
x=12H y=6H	17.6	18.0	18.6	19.0	20.3	17.6	18.0	18.6	19.0	20.3
x=12H y=8H	18.4	18.8	19.4	19.8	21.1	18.4	18.8	19.4	19.8	21.1

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Flujo Total=3604.01 Flujo Luminaria=3604.01

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	0.15	0.21	0.26	0.32	0.37	0.45	0.52	0.56	0.63	0.68	0.80	0.88
RC	9	9	9	9	9	9	9	9	9	9	9	9

Flujo Zonal por 1000 Lúmenes

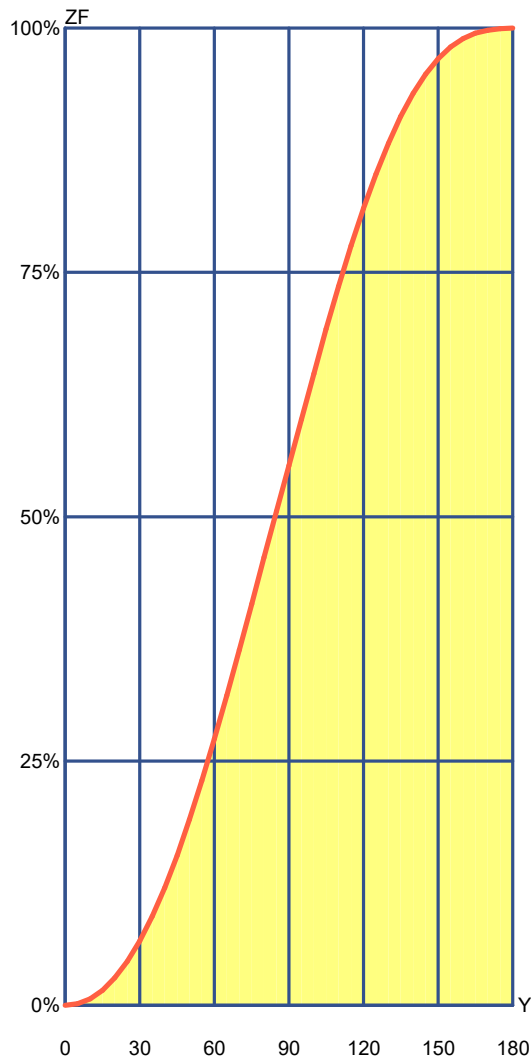
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	7	28	66	120	190	272	363	458	552	646	736	816	882	933	969	989	998	1000

Códigos de Flujo C.I.E.

23 49 75 55 100

C.I.E. 9
D DIN 5040 C11
F UTE 0.55 J + 0.45 T
B NBN BZ 8
RN 44.76181 %
BLF 1.0

LOR 100.00000 %
ULOR 44.76181 %
DLOR 55.23819 %
UFF 44.76181 %
DFF 55.23819 %
FFR 81.03418 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	1.63	1.63	0.16 %	0.16 %
10°	5.04	6.67	0.50 %	0.67 %
15°	8.73	15.40	0.87 %	1.54 %
20°	12.65	28.05	1.26 %	2.80 %
25°	16.75	44.80	1.68 %	4.48 %
30°	20.95	65.75	2.09 %	6.57 %
35°	25.15	90.90	2.51 %	9.09 %
40°	29.26	120.16	2.93 %	12.02 %
45°	33.14	153.30	3.31 %	15.33 %
50°	36.72	190.02	3.67 %	19.00 %
55°	39.89	229.91	3.99 %	22.99 %
60°	42.57	272.48	4.26 %	27.25 %
65°	44.72	317.20	4.47 %	31.72 %
70°	46.25	363.45	4.62 %	36.35 %
75°	47.19	410.64	4.72 %	41.06 %
80°	47.50	458.15	4.75 %	45.81 %
85°	47.26	505.41	4.73 %	50.54 %
90°	46.97	552.38	4.70 %	55.24 %
95°	47.12	599.50	4.71 %	59.95 %
100°	46.80	646.30	4.68 %	64.63 %
105°	45.70	692.00	4.57 %	69.20 %
110°	43.84	735.84	4.38 %	73.58 %
115°	41.38	777.22	4.14 %	77.72 %
120°	38.42	815.63	3.84 %	81.56 %
125°	35.06	850.69	3.51 %	85.07 %
130°	31.42	882.11	3.14 %	88.21 %
135°	27.60	909.71	2.76 %	90.97 %
140°	23.60	933.31	2.36 %	93.33 %
145°	19.64	952.95	1.96 %	95.29 %
150°	15.72	968.67	1.57 %	96.87 %
155°	11.93	980.61	1.19 %	98.06 %
160°	8.48	989.09	0.85 %	98.91 %
165°	5.56	994.65	0.56 %	99.47 %
170°	3.22	997.87	0.32 %	99.79 %
175°	1.60	999.47	0.16 %	99.95 %
180°	0.53	1000.00	0.05 %	100.00 %

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Isolux (Floor)

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

