

Luminaria

 Código PLAFON SUPERMOON
 Nombre Plafón SUPERMOON

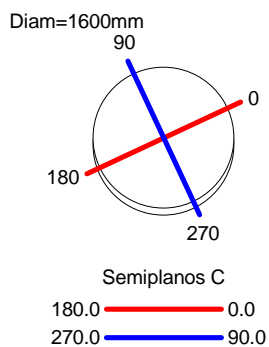
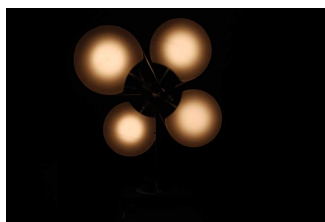
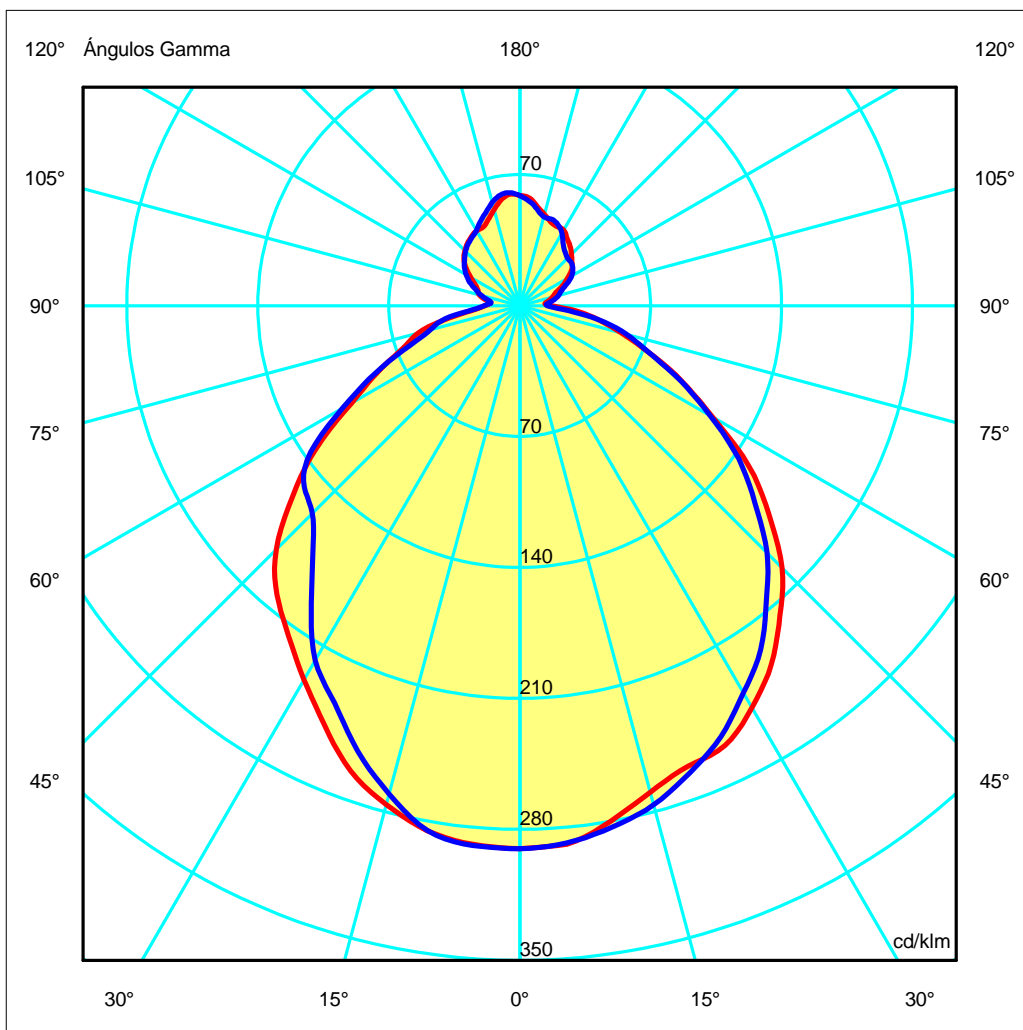
Ensayo

 Código CL178A17F002G
 Nombre Plafón SUPERMOON

Flujo Luminaria	11735.04 lm	Potencia luminaria	142.60 W	Eficacia	82.29 lm/W	Eficiencia	100.00%
Flujo de Lámpara	11735.04 lm	Valor Máximo	295.56 cd/klm	Posición	C=210.00 G=5.00	CG	Asimétrico
Luminaria Redonda		Diam.	1600 mm	Altura	1200 mm		
Área Luminosa Redonda		Diam.	1600 mm	Altura	1000 mm		
Área Luminosa Horizontal		2.010619 m2		Área Emisión sobre Pl. 180°		1.600000 m2	
Área Emisión sobre Pl. 0°		1.600000 m2		Área Emisión sobre Pl. 270°		1.600000 m2	
Área Emisión sobre Pl. 90°		1.600000 m2		Área de deslumbramiento a 76°		2.038886 m2	
Sist. de Coorden.		CG		Tipo de Simetría		Asimétrico	
Fecha		06-07-2017		Máximo Ángulo Gamma		180	
Distancia de Ensayo		6.44		Flujo de Ensayo		11735.04 lm	
Operador		Asselum T2		Tensión de alimentación [V]		229.80 V	
Temperatura		25.00 °C		Corriente de alimentación [A]		0.63 A	
Humedad		51.00 %		Fotocélula		Prc	
Notas		RM170703002					

Lámparas de la Luminaria

Familia	Código	Nombre	Flujo [lm]	Pot. [W]	Cant.
	PLAFON SUPERMOON	Plafón SUPERMOON	11735.04	142.60	1
C.I.E.	47 77 93 80 100	D DIN 5040	B31		
F UTE	0.80 E + 0.20 T	B NBN	BZ 5		


 ULOR 20.06 %
 DLOR 79.94 %
 RN 20.06 %


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Flujo de Lámpara	11735.04 lm	Valor Máximo	295.56 cd/klm	Posición	C=210.00 G=5.00	CG Asimétrico	

Tabla de Intensidad Luminosa cd/klm Tabla 1/1

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00	C 105.00	C 120.00	C 135.00	C 150.00	C 165.00
G 0.0	290.32	290.32	290.32	290.32	290.32	290.32	290.32	290.32	290.32	290.32	290.32	290.32
G 5.0	289.00	281.89	288.01	293.59	289.30	287.79	288.29	286.93	287.66	288.51	288.91	288.65
G 10.0	279.76	275.45	289.12	289.26	285.15	282.01	283.10	279.82	282.63	283.70	285.23	283.63
G 15.0	269.32	274.24	287.37	282.51	278.37	274.63	276.25	271.35	274.29	277.06	278.23	277.09
G 20.0	262.18	269.43	278.52	271.63	268.70	263.55	265.67	258.52	263.77	266.35	269.18	265.49
G 25.0	259.44	259.71	268.18	260.14	257.80	252.06	254.21	245.12	250.84	254.25	256.92	252.70
G 30.0	248.09	244.80	253.46	244.63	243.09	236.70	239.02	227.65	234.59	237.14	241.74	233.25
G 35.0	234.35	230.46	238.97	229.88	229.41	221.76	224.44	210.74	217.62	219.67	224.21	214.90
G 40.0	216.34	211.17	220.07	210.45	210.60	202.65	205.16	189.58	196.49	195.85	201.04	192.87
G 45.0	198.34	192.82	202.63	192.33	193.41	184.94	186.79	169.96	176.61	173.59	179.15	174.43
G 50.0	173.80	168.92	180.37	170.19	171.37	162.52	164.10	147.23	153.06	149.07	155.86	154.95
G 55.0	149.50	145.21	159.31	149.72	152.13	142.26	142.87	127.13	134.87	132.78	140.90	135.18
G 60.0	119.08	115.66	134.18	125.15	128.08	117.87	117.39	104.16	115.69	114.14	120.70	106.69
G 65.0	95.69	92.71	111.34	103.43	106.84	95.05	94.59	87.81	99.57	96.28	98.37	85.80
G 70.0	73.52	68.47	85.97	76.16	79.99	67.60	73.56	71.74	80.38	77.93	76.93	68.85
G 75.0	56.11	53.26	63.56	53.77	56.20	53.17	59.08	52.05	60.48	55.67	63.88	58.33
G 80.0	42.49	38.30	44.89	36.03	42.57	34.18	42.18	34.66	42.79	38.02	46.63	41.51
G 85.0	29.01	22.31	26.94	20.42	23.65	19.11	22.87	18.28	24.95	23.20	29.84	27.02
G 90.0	16.26	13.54	15.22	13.70	14.75	14.26	14.64	13.71	15.93	16.84	21.28	20.74
G 95.0	13.49	13.76	13.54	14.62	14.43	16.20	15.20	16.23	15.06	15.92	16.22	16.48
G100.0	15.73	16.92	16.47	18.56	17.35	19.83	18.61	20.07	19.14	19.30	17.42	19.03
G105.0	18.17	20.04	20.02	21.29	19.87	20.51	21.50	23.61	22.35	22.36	20.40	22.15
G110.0	20.53	22.53	22.91	23.20	21.77	24.29	23.86	26.59	26.20	25.20	22.39	22.40
G115.0	25.16	26.01	23.70	25.26	25.12	28.39	27.82	29.27	27.59	26.99	24.69	26.28
G120.0	29.59	29.87	27.95	30.02	29.57	33.02	32.04	32.67	29.42	29.43	28.48	30.58
G125.0	33.92	34.32	32.65	34.80	33.59	35.41	34.59	34.88	33.29	33.65	32.09	35.60
G130.0	36.37	37.84	38.62	39.78	36.52	36.45	35.80	36.82	37.99	38.78	36.31	39.60
G135.0	39.04	40.60	43.07	43.33	38.72	37.57	36.00	38.48	41.03	42.96	40.40	44.32
G140.0	41.73	42.52	46.40	46.69	42.03	41.07	37.60	40.66	44.49	47.15	44.63	47.65
G145.0	43.96	44.80	47.81	48.98	44.25	44.62	40.33	43.20	46.93	48.96	47.35	49.84
G150.0	46.78	46.15	48.93	50.06	47.08	48.02	45.00	45.90	47.96	49.63	48.15	49.33
G155.0	46.70	47.27	48.24	49.19	48.22	48.44	47.94	48.93	48.87	49.74	49.23	49.74
G160.0	47.84	49.07	47.35	47.78	48.90	48.63	49.20	51.29	51.38	52.53	50.51	51.13
G165.0	50.58	52.42	49.28	50.47	50.64	50.24	49.15	51.44	55.28	56.44	52.79	53.13
G170.0	53.82	54.80	54.17	54.01	53.45	53.67	52.54	54.56	56.54	59.49	56.36	56.18
G175.0	57.85	57.36	59.76	57.44	57.90	57.54	56.15	57.86	58.36	59.17	60.53	59.27
G180.0	58.79	58.79	58.79	58.79	58.79	58.79	58.79	58.79	58.79	58.79	58.79	58.79

	C 180.00	C 195.00	C 210.00	C 225.00	C 240.00	C 255.00	C 270.00	C 285.00	C 300.00	C 315.00	C 330.00	C 345.00
G 0.0	290.32	290.32	290.32	290.32	290.32	290.32	290.32	290.32	290.32	290.32	290.32	290.32
G 5.0	289.05	292.40	295.56	286.67	283.96	289.90	289.60	291.06	289.30	288.99	289.16	289.36
G 10.0	284.94	290.02	294.04	285.42	275.81	284.58	284.85	287.92	281.90	283.56	283.96	286.02
G 15.0	276.02	282.62	286.10	284.54	268.73	268.84	270.16	276.31	267.76	271.70	277.16	279.88
G 20.0	264.63	272.50	272.42	273.34	254.55	253.42	253.44	258.27	247.37	258.69	265.32	271.14
G 25.0	247.20	255.08	254.85	250.24	230.51	232.95	234.42	238.53	229.07	240.82	252.08	260.68
G 30.0	230.79	236.33	231.50	225.66	199.68	209.52	218.81	228.60	215.50	223.64	234.90	247.04
G 35.0	215.59	214.82	211.51	199.06	180.29	187.03	194.36	217.10	207.86	207.59	220.76	233.26
G 40.0	201.92	199.32	191.91	180.97	161.64	169.80	172.16	202.38	195.34	196.20	203.44	215.36
G 45.0	184.13	182.76	177.37	168.96	147.54	153.05	156.93	187.63	179.53	177.72	184.60	197.93
G 50.0	158.59	164.32	154.05	160.70	143.33	138.43	150.51	169.68	154.43	158.50	160.44	173.61
G 55.0	132.87	132.45	127.12	136.38	139.70	138.82	136.49	141.89	128.41	130.51	138.52	150.28
G 60.0	103.72	105.76	99.95	111.24	114.55	118.81	109.14	111.06	104.30	108.59	113.37	120.17
G 65.0	83.84	84.20	83.63	90.53	91.85	94.37	85.16	91.09	87.51	89.49	92.21	94.42
G 70.0	66.47	71.32	71.66	78.59	67.34	68.90	62.79	71.73	72.68	78.54	67.72	68.08
G 75.0	56.23	60.28	52.43	60.90	54.12	53.79	49.38	57.27	55.05	60.81	54.73	53.80
G 80.0	38.79	44.60	35.78	44.03	37.87	46.71	40.77	46.85	36.49	44.98	39.22	42.95
G 85.0	24.39	27.31	22.63	26.91	24.37	29.06	25.26	29.06	22.32	27.35	23.72	28.80
G 90.0	18.74	20.38	18.34	20.61	19.20	21.49	19.23	20.35	15.99	16.99	14.47	17.14
G 95.0	15.75	16.36	15.90	17.09	16.28	17.16	15.55	16.27	15.74	14.15	14.66	14.86
G100.0	18.72	16.55	17.98	16.32	17.68	16.52	17.26	16.11	18.27	16.75	16.68	16.80
G105.0	22.43	20.41	21.92	19.74	21.17	20.43	21.45	19.41	20.58	19.16	17.92	17.70
G110.0	23.84	23.45	25.87	23.79	25.29	24.15	25.14	22.97	24.35	21.48	21.23	20.05
G115.0	26.32	26.23	29.35	27.39	28.87	28.78	29.54	27.18	28.08	24.22	24.96	24.89
G120.0	30.41	29.17	33.14	31.91	33.42	32.47	33.11	30.87	32.09	28.77	29.71	28.93
G125.0	35.09	33.46	36.25	35.31	36.71	36.36	36.25	34.07	35.01	32.06	33.41	33.74
G130.0	39.07	36.75	40.12	38.80	39.36	38.77	38.55	36.77	37.95	36.18	37.57	37.50
G135.0	41.57	39.80	42.20	41.30	41.06	41.48	41.02	39.42	40.13	39.57	41.55	41.65
G140.0	43.48	41.78	43.71	42.62	42.46	43.32	42.97	41.71	43.08	43.42	45.71	45.13
G145.0	45.11	43.71	44.22	43.82	43.59	44.89	44.55	44.17	46.39	46.09	48.27	48.60
G150.0	46.16	44.91	44.48	45.14	46.02	44.83	46.43	47.18	51.55	50.14	51.31	51.37
G155.0	46.41	46.64	47.52	45.76	47.20	46.11	49.84	51.56	54.87	53.62	54.07	52.94
G160.0	49.13	49.97	50.22	49.10	49.49	49.15	53.07	54.47	58.34	57.41	54.32	52.70
G165.0	53.10	52.81	53.30	53.13	52.88	52.95	57.06	57.36	61.30	58.52	54.84	53.92
G170.0	57.40	55.91	57.86	57.61	56.21	56.60	60.08	61.24	59.56	57.56	56.51	55.16
G175.0	59.79	57.55	59.57	58.86	57.05	59.78	60.61	60.54	58.42	58.87	56.87	58.00
G180.0	58.79	58.79	58.79	58.79	58.79	58.79	58.79	58.79	58.79	58.79	58.79	58.79

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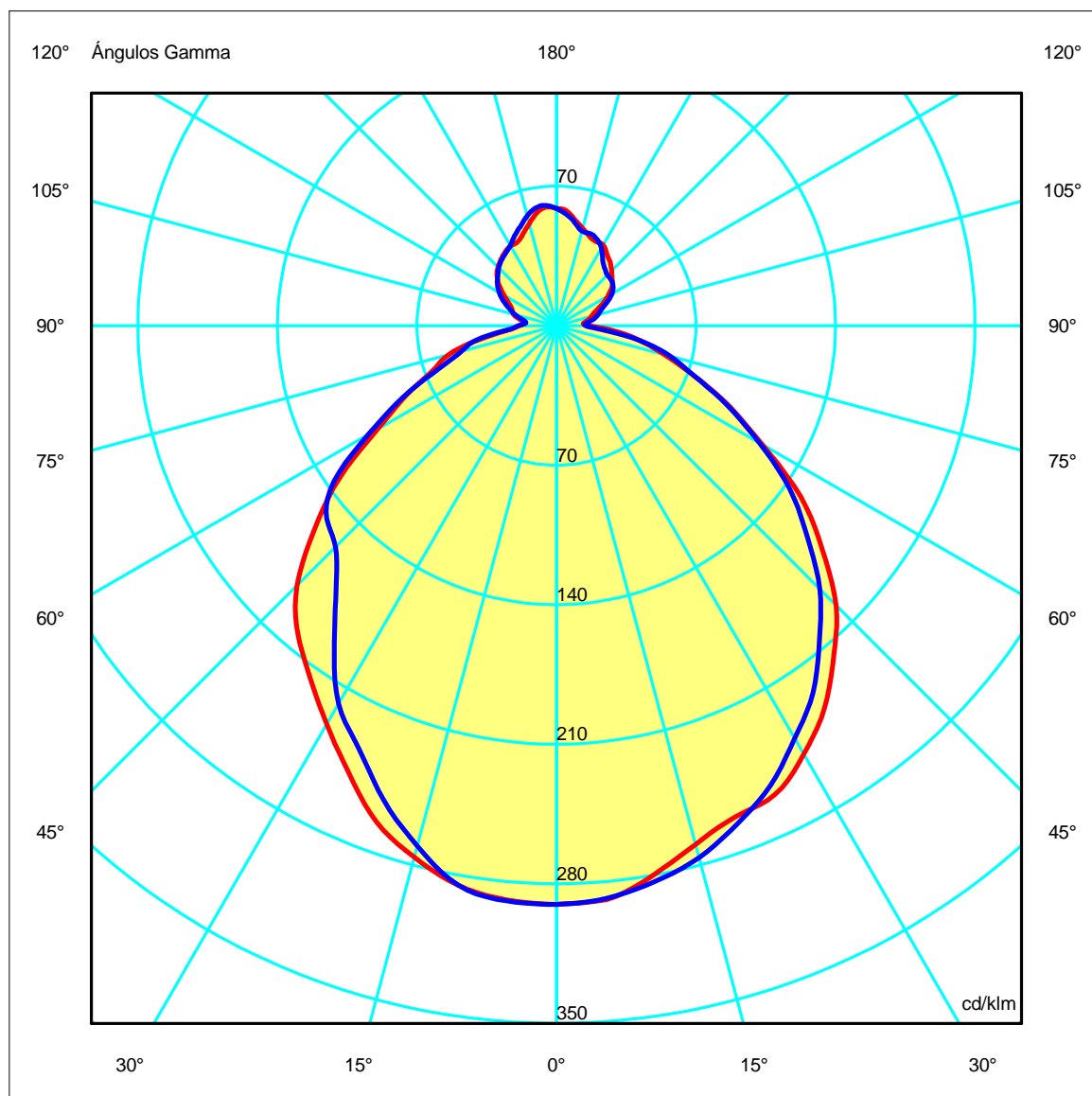
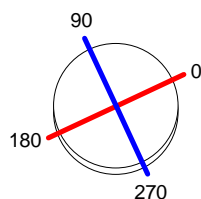
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Flujo de Lámpara	11735.04 lm	Valor Máximo	295.56 cd/klm	Posición	C=210.00 G=5.00	CG	Asimétrico

Diam=1600mm

Semiplanos C

180.0 ————— 0.0
 270.0 ————— 90.0



Luminaria

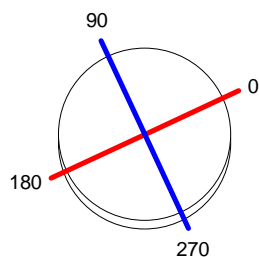
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Ensayo

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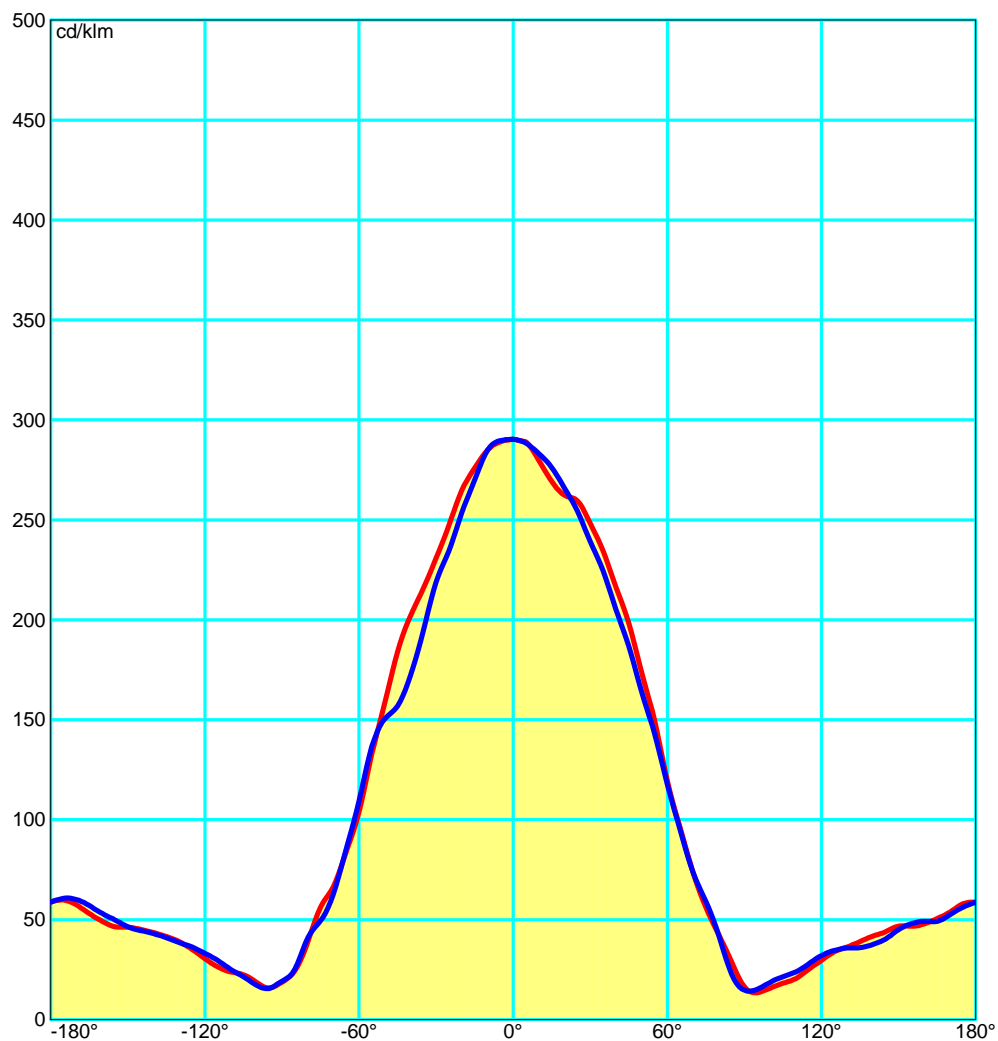
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Diam=1600mm



Semiplanos C

180.0 ————— 0.0
 270.0 ————— 90.0



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Flujo de Lámpara	11735.04 lm	Valor Máximo	295.56 cd/klm	Posición	C=210.00 G=5.00	CG	Asimétrico

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	ViewedCrosswise					ViewedEndwise				
x=2H y=2H	9.3	10.4	9.9	11.0	11.6	9.4	10.5	9.9	11.0	11.6
x=2H y=3H	10.4	11.4	11.0	12.0	12.6	10.5	11.4	11.1	12.0	12.7
x=2H y=4H	10.9	11.9	11.5	12.5	13.1	10.9	11.8	11.5	12.4	13.1
x=2H y=6H	11.3	12.2	12.0	12.8	13.5	11.3	12.1	11.9	12.7	13.5
x=2H y=8H	11.4	12.2	12.1	12.9	13.6	11.4	12.2	12.1	12.9	13.6
x=2H y=12H	11.5	12.3	12.2	12.9	13.6	11.5	12.3	12.2	12.9	13.7
x=4H y=2H	9.9	10.8	10.5	11.4	12.1	9.9	10.8	10.5	11.4	12.1
x=4H y=3H	11.2	12.0	11.9	12.6	13.4	11.2	12.0	11.8	12.6	13.3
x=4H y=4H	11.9	12.6	12.5	13.2	14.0	11.7	12.4	12.4	13.1	13.8
x=4H y=6H	12.4	13.0	13.1	13.7	14.5	12.3	12.9	13.0	13.6	14.4
x=4H y=8H	12.6	13.1	13.3	13.8	14.6	12.5	13.1	13.2	13.8	14.6
x=4H y=12H	12.7	13.2	13.4	13.9	14.7	12.7	13.2	13.4	13.9	14.7
x=8H y=4H	12.1	12.7	12.8	13.4	14.2	12.0	12.6	12.7	13.2	14.1
x=8H y=6H	12.8	13.2	13.5	14.0	14.8	12.7	13.1	13.4	13.8	14.7
x=8H y=8H	13.0	13.4	13.8	14.2	15.0	13.0	13.4	13.7	14.1	15.0
x=8H y=12H	13.2	13.6	14.0	14.3	15.2	13.2	13.6	14.0	14.3	15.2
x=12H y=4H	12.1	12.6	12.8	13.3	14.2	12.0	12.5	12.7	13.2	14.0
x=12H y=6H	12.8	13.2	13.6	14.0	14.8	12.7	13.1	13.5	13.9	14.7
x=12H y=8H	13.1	13.5	13.9	14.2	15.1	13.1	13.4	13.8	14.2	15.1

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Flujo Total=11735.04 Flujo Luminaria=11735.04

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	0.30	0.39	0.46	0.53	0.58	0.67	0.72	0.76	0.81	0.85	0.91	0.95
RC	5	5	5	5	5	5	5	5	5	5	6	6

Flujo Zonal por 1000 Lúmenes

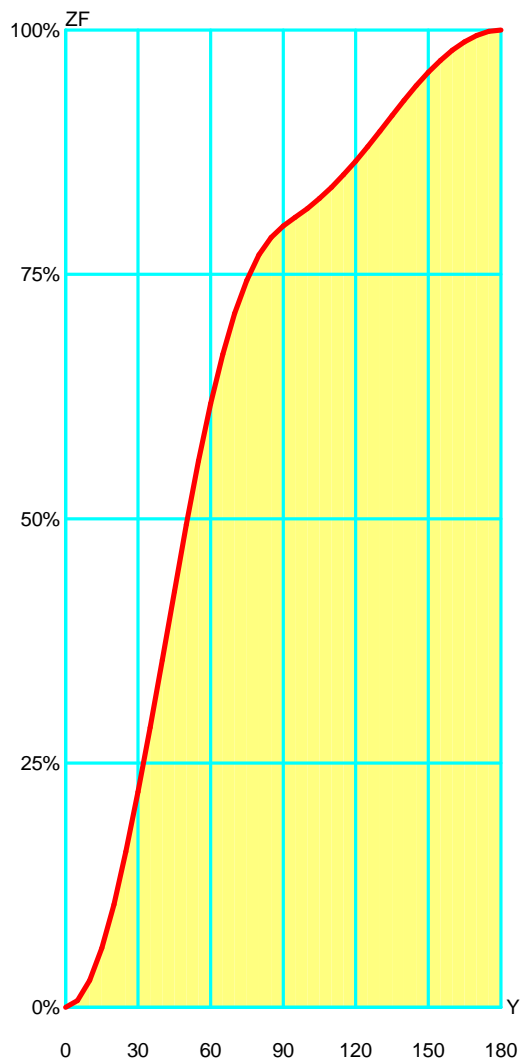
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	27	105	220	355	494	618	710	770	799	817	839	866	897	928	957	979	994	1000

Códigos de Flujo C.I.E.

47 77 93 80 100

C.I.E. 5/5/5/5/5/5/5/5/6/6
D DIN 5040 B31
F UTE 0.80 E + 0.20 T
B NBN BZ 5
RN 20.05578 %
BLF 1.0

LOR 100.00000 %
ULOR 20.05578 %
DLOR 79.94422 %
UFF 20.05578 %
DFF 79.94422 %
FFR 25.08721 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	6.92	6.92	0.69 %	0.69 %
10°	20.50	27.43	2.05 %	2.74 %
15°	33.25	60.68	3.32 %	6.07 %
20°	44.57	105.24	4.46 %	10.52 %
25°	53.95	159.20	5.40 %	15.92 %
30°	61.08	220.28	6.11 %	22.03 %
35°	66.09	286.37	6.61 %	28.64 %
40°	69.02	355.39	6.90 %	35.54 %
45°	69.94	425.33	6.99 %	42.53 %
50°	68.71	494.04	6.87 %	49.40 %
55°	65.08	559.12	6.51 %	55.91 %
60°	58.60	617.73	5.86 %	61.77 %
65°	50.40	668.12	5.04 %	66.81 %
70°	42.02	710.14	4.20 %	71.01 %
75°	33.78	743.92	3.38 %	74.39 %
80°	26.06	769.98	2.61 %	77.00 %
85°	17.91	787.89	1.79 %	78.79 %
90°	11.55	799.44	1.16 %	79.94 %
95°	8.95	808.39	0.90 %	80.84 %
100°	9.00	817.40	0.90 %	81.74 %
105°	10.24	827.64	1.02 %	82.76 %
110°	11.52	839.16	1.15 %	83.92 %
115°	12.72	851.88	1.27 %	85.19 %
120°	13.97	865.85	1.40 %	86.58 %
125°	15.06	880.90	1.51 %	88.09 %
130°	15.72	896.62	1.57 %	89.66 %
135°	15.87	912.49	1.59 %	91.25 %
140°	15.57	928.06	1.56 %	92.81 %
145°	14.85	942.91	1.49 %	94.29 %
150°	13.73	956.63	1.37 %	95.66 %
155°	12.24	968.88	1.22 %	96.89 %
160°	10.50	979.37	1.05 %	97.94 %
165°	8.61	987.98	0.86 %	98.80 %
170°	6.51	994.49	0.65 %	99.45 %
175°	4.11	998.60	0.41 %	99.86 %
180°	1.40	1000.00	0.14 %	100.00 %

Luminaria

Código PLAFON SUPERMOON
Nombre Plafón SUPERMOON

Ensayo

Código CL178A17F002G
Nombre Plafón SUPERMOON

Flujo Luminaria	11735.04 lm	Potencia luminaria	142.60 W	Eficacia	82.29 lm/W	Eficiencia	100.00%
Flujo de Lámpara	11735.04 lm	Valor Máximo	295.56 cd/klm	Posición	C=210.00 G=5.00	CG	Asimétrico

Utilización CIE

Montaje	Directo				Normalización				Normalizados				Raz. de Susp.				1/3				CIE Estándar							
Techo																												
K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000					
0.60	351	316	309	279	300	266	233	198	212	181	175	132	149	101	169	141	125	121	97	119	102	88	75					
0.80	395	363	332	306	345	292	272	238	237	208	197	156	167	122	195	164	148	140	116	140	121	106	89					
1.00	425	395	342	320	376	306	303	270	252	227	212	175	181	139	212	181	165	155	132	157	136	121	100					
1.25	451	425	347	329	404	315	333	302	265	242	226	192	194	156	228	196	182	171	149	174	152	137	111					
1.50	470	446	348	332	425	320	356	327	273	253	236	205	205	169	239	208	195	183	162	186	165	150	120					
2.00	493	474	345	333	452	322	391	366	282	266	249	224	221	190	252	225	214	201	183	205	184	170	134					
2.50	509	493	341	332	470	322	415	393	287	274	258	236	233	206	261	236	227	214	198	218	199	185	143					
3.00	519	505	337	330	483	320	433	413	290	279	264	245	241	217	266	244	236	224	210	227	210	197	150					
4.00	534	523	332	327	500	319	459	442	295	286	273	258	253	234	274	255	249	238	226	240	225	213	160					
5.00	543	534	329	324	511	317	476	462	297	290	278	266	261	245	279	263	257	248	237	249	235	224	167					
10.00	561	557	319	317	534	312	513	505	301	297	290	283	279	270	288	278	275	269	263	268	259	250	182					
20.00	571	568	313	312	546	308	534	530	302	300	296	292	290	285	292	287	285	281	278	278	273	266	191					

Pared

K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000
0.60	434	414	380	365	404	357	318	302	288	275	242	225	208	192	268	227	221	197	189	217	190	185	167
0.80	494	474	421	406	459	396	374	356	330	316	283	265	248	229	305	265	258	235	225	253	225	218	196
1.00	535	516	445	432	497	419	415	396	358	344	313	294	277	257	331	292	285	262	252	277	250	241	216
1.25	572	554	464	452	532	438	454	435	383	370	340	321	306	285	354	317	310	288	277	300	274	263	235
1.50	600	583	477	467	558	452	485	466	401	389	361	343	328	307	370	337	330	309	298	318	293	280	250
2.00	632	617	487	479	588	463	524	506	421	410	385	369	356	336	388	359	352	334	323	337	315	300	265
2.50	652	640	493	486	608	469	551	534	433	423	402	386	375	356	399	374	367	351	341	350	331	313	276
3.00	666	655	495	489	621	472	570	555	440	432	412	399	388	371	407	383	378	363	353	359	341	322	282
4.00	691	681	504	499	645	482	602	588	456	449	433	421	412	397	422	402	398	385	376	376	361	340	297
5.00	709	701	512	508	662	490	625	614	468	463	448	438	430	416	434	417	413	402	394	389	377	354	309
10.00	755	751	536	534	708	516	686	678	503	499	491	484	479	470	468	458	455	448	443	427	419	392	343
20.00	785	782	552	551	737	533	724	720	526	524	519	515	512	507	491	485	483	479	476	453	448	419	367

P.Trab.

K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000
0.60	541	521	505	488	508	478	404	388	389	375	329	312	286	270	365	312	306	274	266	301	266	260	244
0.80	645	623	594	577	604	562	498	478	475	459	413	392	366	345	444	390	383	349	339	374	337	328	310
1.00	727	704	663	646	680	628	576	554	545	527	483	460	436	411	508	456	447	415	402	435	399	386	367
1.25	804	782	725	709	752	688	653	630	612	594	553	528	505	479	569	520	510	480	466	495	459	443	423
1.50	862	841	770	756	806	732	713	689	662	645	606	581	560	532	616	569	560	530	516	540	507	487	467
2.00	946	927	834	822	886	796	803	780	736	721	687	663	645	617	685	645	635	610	595	610	581	556	534
2.50	1000	984	874	864	938	836	865	843	785	771	741	718	703	675	731	695	686	664	649	656	630	601	579
3.00	1000	1000	901	893	975	864	910	889	819	806	780	759	745	719	763	731	723	703	689	690	666	634	611
4.00	1000	1000	935	928	1000	898	968	950	862	851	829	811	800	777	804	777	770	753	741	732	712	675	651
5.00	1000	1000	955	950	1000	919	1000	990	888	880	860	845	835	814	829	806	800	785	774	758	741	701	676
10.00	1000	1000	997	994	1000	962	1000	1000	945	940	929	919	913	900	883	870	866	857	850	816	805	757	731
20.00	1000	1000	1000	1000	1000	986	1000	1000	976	974	967	962	958	951	914	906	904	899	895	849	843	790	763

LM53 SHR C0-C180: 1.262 SHR C90-C270: 1.226 SHR Superficial: 1.370

Luminaria

Código PLAFON SUPERMOON
Nombre Plafón SUPERMOON

Ensayo

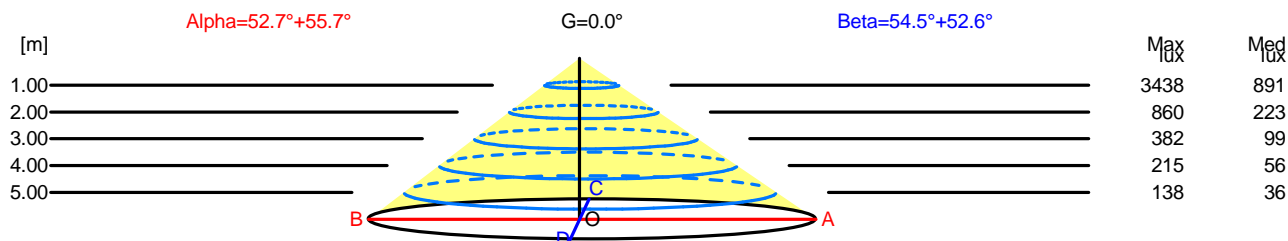
Código CL178A17F002G
Nombre Plafón SUPERMOON

Flujo Luminaria	11735.04 lm	Potencia luminaria	142.60 W	Eficacia	82.29 lm/W	Eficiencia	100.00%
Flujo de Lámpara	11735.04 lm	Valor Máximo	295.56 cd/klm	Posición	C=210.00 G=5.00	CG	Asimétrico

Apertura a 50.00 % de Max Intensidad

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	1.47	2.94	4.40	5.87	7.34	OC	1.40	2.80	4.20	5.61	7.01
OB	1.31	2.62	3.94	5.25	6.56	OD	1.31	2.61	3.92	5.22	6.53

	0	5	15	25	35	45	55	65	75	85
OA	3406.91	3391.46	3160.47	3044.48	2750.11	2327.50	1754.36	1122.94	658.44	340.38
OB	3406.91	3391.96	3239.06	2900.91	2529.96	2160.77	1559.22	983.91	659.92	286.22
OC	3406.91	3383.08	3241.77	2983.13	2633.79	2192.00	1676.56	1110.07	693.32	268.36
OD	3406.91	3398.50	3170.32	2750.89	2280.88	1841.58	1601.69	999.32	579.43	296.44



H[m]	D[m]	Max lux	Med lux	Alpha=52.7°+55.7°	G=0.0	
1.00	2.78	3438	891			
2.00	5.56	860	223			
3.00	8.34	382	99			
4.00	11.12	215	56			
5.00	13.90	138	36			

H[m]	D[m]	Max lux	Med lux	Beta=52.6°+54.5°	G=0.0	
1.00	2.71	3438	891			
2.00	5.41	860	223			
3.00	8.12	382	99			
4.00	10.83	215	56			
5.00	13.54	138	36			

Luminaria

 Código PLAFON SUPERMOON
 Nombre Plafón SUPERMOON

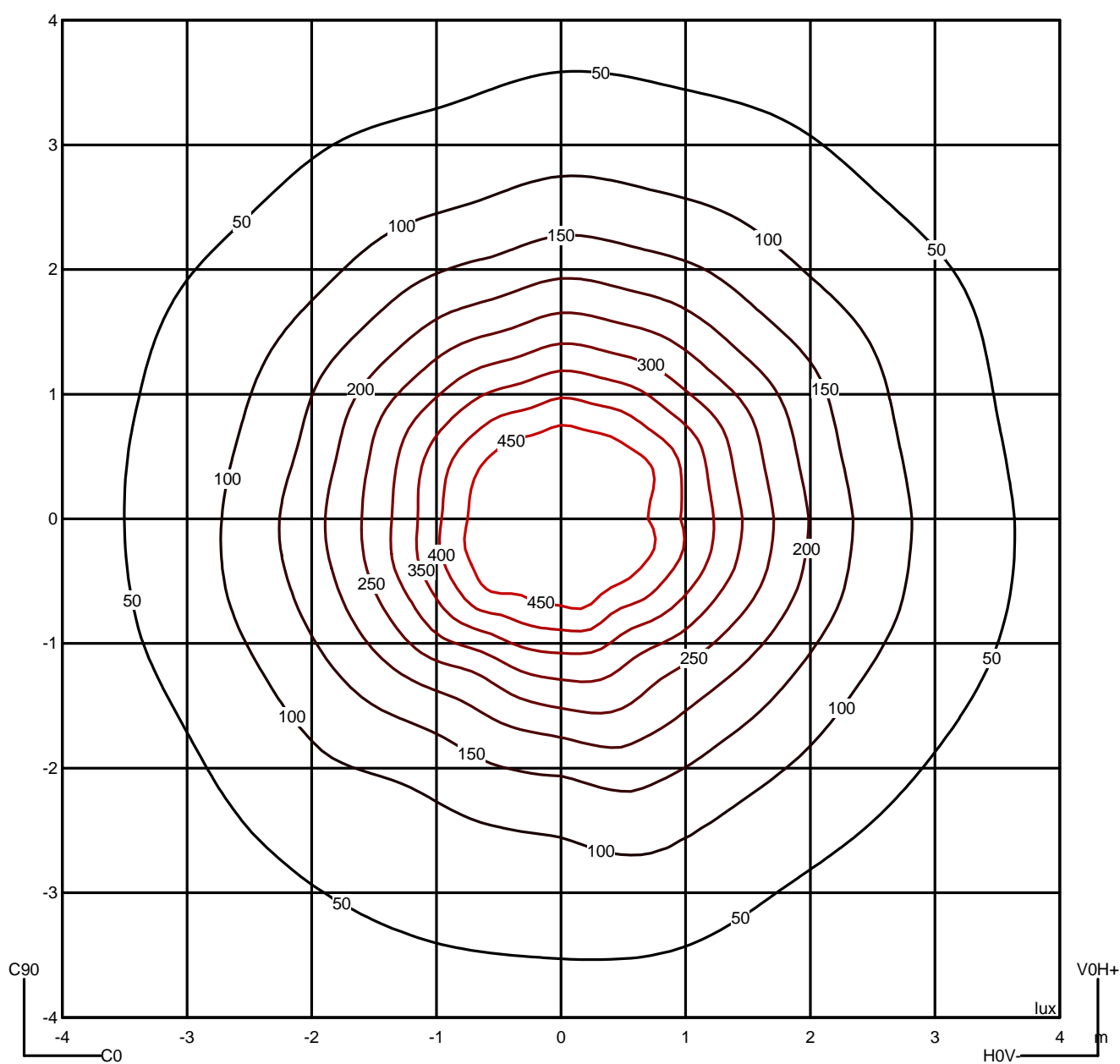
Ensayo

 Código CL178A17F002G
 Nombre Plafón SUPERMOON

Flujo Luminaria	11735.04 lm	Potencia luminaria	142.60 W	Eficacia	82.29 lm/W	Eficiencia	100.00%
Flujo de Lámpara	11735.04 lm	Valor Máximo	295.56 cd/klm	Posición	C=210.00 G=5.00	CG	Asimétrico

Isolux (Suelo)

Posición Luminaria X=0.00m Y=0.00m Z=2.50m



Luminaria

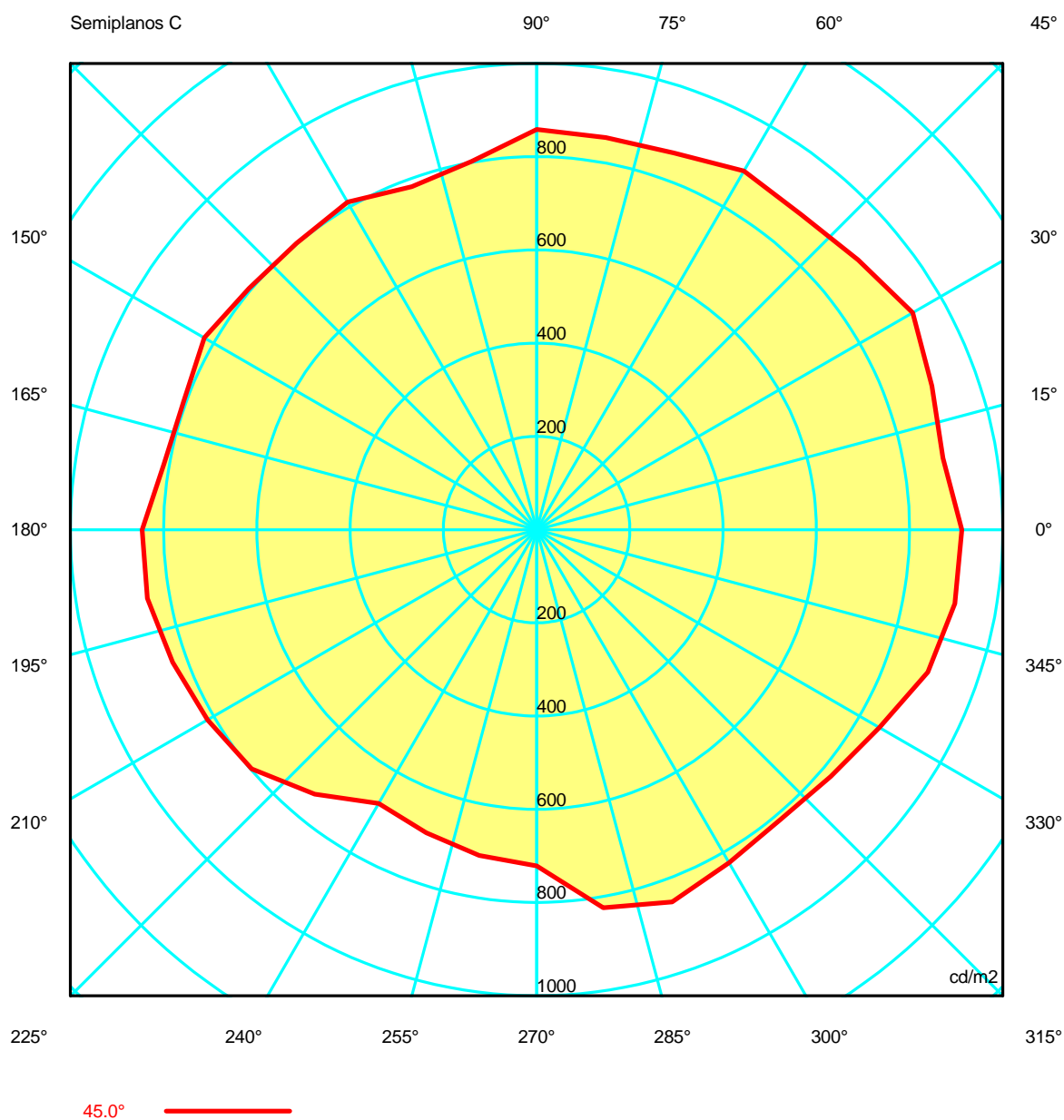
 Código PLAFON SUPERMOON
 Nombre Plafón SUPERMOON

Ensayo

 Código CL178A17F002G
 Nombre Plafón SUPERMOON

Flujo Luminaria	11735.04 lm	Potencia luminaria	142.60 W	Eficacia	82.29 lm/W	Eficiencia	100.00%
Flujo de Lámpara	11735.04 lm	Valor Máximo	295.56 cd/klm	Posición	C=210.00 G=5.00	CG	Asimétrico

Luminancia



Luminaria

Código PLAFON SUPERMOON

Nombre Plafón SUPERMOON

Ensayo

Código CL178A17F002G

Nombre Plafón SUPERMOON

Flujo Luminaria	11735.04 lm	Potencia luminaria	142.60 W	Eficacia	82.29 lm/W	Eficiencia	100.00%
Flujo de Lámpara	11735.04 lm	Valor Máximo	295.56 cd/klm	Posición	C=210.00 G=5.00	CG	Asimétrico

Luminance cd/m2 Tabla 1/3

	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00	C 100.00	C 110.00	C 120.00
G 0.0	1694.46	1694.46	1694.46	1694.46	1694.46	1694.46	1694.46	1694.46	1694.46	1694.46	1694.46	1694.46	1694.46
G 5.0	1583.01	1550.18	1548.84	1577.55	1603.95	1603.74	1584.64	1576.30	1577.74	1579.09	1573.82	1571.70	1575.65
G 10.0	1454.02	1428.09	1451.79	1502.65	1510.21	1496.18	1482.02	1468.31	1467.64	1471.38	1458.71	1456.51	1468.92
G 15.0	1341.33	1351.20	1389.80	1431.25	1420.28	1398.11	1386.43	1371.12	1370.50	1375.84	1358.60	1352.11	1366.08
G 20.0	1262.70	1282.85	1316.42	1341.42	1321.60	1301.51	1294.09	1274.46	1272.79	1279.49	1254.34	1248.11	1270.35
G 25.0	1218.56	1219.41	1235.18	1259.63	1236.43	1215.77	1210.89	1189.86	1187.63	1194.00	1163.12	1153.64	1178.19
G 30.0	1145.62	1127.57	1144.91	1170.46	1144.91	1124.60	1122.54	1099.69	1097.36	1103.73	1065.39	1054.67	1083.32
G 35.0	1072.28	1052.26	1068.60	1093.44	1066.55	1051.11	1049.67	1022.91	1019.47	1026.93	981.74	966.52	995.72
G 40.0	988.35	963.53	979.14	1005.37	976.72	958.97	962.14	934.53	930.79	937.27	885.79	876.62	897.64
G 45.0	911.64	884.77	902.30	931.36	900.17	882.54	889.00	860.11	854.20	858.56	802.47	783.42	811.76
G 50.0	809.98	784.08	806.09	840.58	809.76	791.76	798.66	768.33	760.94	764.76	707.99	687.51	713.33
G 55.0	712.03	686.15	714.98	758.76	729.34	713.65	724.56	691.26	678.87	680.45	625.15	609.88	642.35
G 60.0	584.46	558.40	598.76	658.59	631.36	615.29	628.65	594.17	577.74	576.18	525.47	522.75	567.80
G 65.0	488.27	463.00	505.39	568.11	543.36	530.62	545.19	504.70	484.21	482.68	452.75	464.01	508.08
G 70.0	393.72	359.08	398.72	460.45	426.61	411.34	428.42	381.29	365.21	393.95	385.65	396.88	430.51
G 75.0	318.72	296.87	324.19	361.06	324.48	304.20	319.26	304.52	313.55	335.61	304.53	307.92	343.55
G 80.0	259.04	232.07	249.30	273.71	233.17	229.78	259.51	221.20	220.72	257.17	223.63	222.95	260.86
G 85.0	192.40	152.77	158.02	178.72	148.08	139.21	156.89	134.65	133.34	151.69	127.71	132.27	165.49
G 90.0	119.26	101.99	102.65	111.63	104.07	101.56	108.18	105.95	105.54	107.35	101.20	104.85	116.81

Luminaria

Código PLAFON SUPERMOON

Nombre Plafón SUPERMOON

Ensayo

Código CL178A17F002G

Nombre Plafón SUPERMOON

Flujo Luminaria	11735.04 lm	Potencia luminaria	142.60 W	Eficacia	82.29 lm/W	Eficiencia	100.00%
Flujo de Lámpara	11735.04 lm	Valor Máximo	295.56 cd/klm	Posición	C=210.00 G=5.00	CG	Asimétrico

Luminance cd/m2 Tabla 2/3

	C 130.00	C 140.00	C 150.00	C 160.00	C 170.00	C 180.00	C 190.00	C 200.00	C 210.00	C 220.00	C 230.00	C 240.00	C 250.00
G 0.0	1694.46	1694.46	1694.46	1694.46	1694.46	1694.46	1694.46	1694.46	1694.46	1694.46	1694.46	1694.46	1694.46
G 5.0	1579.07	1581.40	1582.50	1581.68	1580.77	1583.24	1593.12	1611.84	1618.94	1588.60	1557.71	1555.39	1578.37
G 10.0	1473.12	1477.59	1482.45	1477.06	1473.74	1480.92	1496.90	1518.27	1528.19	1504.83	1459.55	1433.47	1463.00
G 15.0	1376.55	1382.64	1385.70	1383.45	1375.58	1374.69	1395.80	1415.53	1424.91	1428.57	1391.85	1338.42	1338.78
G 20.0	1279.71	1288.26	1296.41	1286.60	1272.21	1274.48	1301.77	1312.29	1312.02	1314.98	1289.71	1225.98	1222.34
G 25.0	1190.51	1199.35	1206.75	1197.61	1173.87	1161.09	1185.56	1201.96	1197.00	1191.31	1144.17	1082.72	1090.35
G 30.0	1091.68	1103.92	1116.30	1092.78	1066.53	1065.76	1086.15	1086.62	1069.02	1062.08	1000.49	922.07	942.57
G 35.0	1002.36	1014.18	1025.88	997.52	984.34	986.44	985.88	979.75	967.76	937.30	876.65	824.95	840.86
G 40.0	895.48	902.65	918.45	890.06	889.33	922.46	921.01	899.10	876.76	850.82	791.90	738.44	761.81
G 45.0	802.24	805.15	823.47	806.02	812.17	846.33	848.11	830.99	815.27	798.42	740.62	678.17	691.67
G 50.0	700.48	701.43	726.37	725.75	722.60	739.06	765.64	749.72	717.92	743.32	731.10	667.95	642.54
G 55.0	634.85	643.25	671.10	656.85	640.16	632.83	631.50	619.97	605.44	632.64	659.67	665.34	665.03
G 60.0	562.71	571.70	592.43	549.74	509.17	509.05	521.06	507.35	490.55	526.07	555.22	562.21	582.26
G 65.0	496.87	495.13	501.94	460.13	434.49	427.82	429.05	428.69	426.74	451.03	465.80	468.68	483.41
G 70.0	424.67	415.53	412.00	384.31	358.04	355.99	375.31	382.57	383.78	416.17	405.05	360.62	366.23
G 75.0	323.35	327.69	362.85	347.60	319.87	319.44	341.89	326.95	297.81	331.88	340.11	307.42	306.15
G 80.0	239.26	244.53	284.31	270.68	238.89	236.47	268.41	254.64	218.14	254.38	259.20	230.86	269.78
G 85.0	156.37	165.41	197.91	191.35	168.26	161.79	178.91	171.35	150.08	170.11	174.48	161.63	185.10
G 90.0	119.35	133.58	156.09	157.74	145.03	137.42	147.15	144.97	134.49	146.41	148.67	140.83	153.59

Luminaria

Código PLAFON SUPERMOON

Nombre Plafón SUPERMOON

Ensayo

Código CL178A17F002G

Nombre Plafón SUPERMOON

Flujo Luminaria	11735.04 lm	Potencia luminaria	142.60 W	Eficacia	82.29 lm/W	Eficiencia	100.00%
Flujo de Lámpara	11735.04 lm	Valor Máximo	295.56 cd/klm	Posición	C=210.00 G=5.00	CG	Asimétrico

Luminance cd/m2 Tabla 3/3

	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	1694.46	1694.46	1694.46	1694.46	1694.46	1694.46	1694.46	1694.46	1694.46	1694.46
G 5.0	1587.38	1586.29	1592.06	1592.62	1584.63	1582.48	1583.29	1583.89	1584.84	1584.65
G 10.0	1479.51	1480.44	1494.16	1488.27	1465.13	1470.87	1475.13	1475.82	1485.48	1480.35
G 15.0	1340.09	1345.51	1371.77	1365.32	1333.54	1341.28	1363.33	1380.38	1395.13	1382.69
G 20.0	1219.67	1220.62	1243.36	1226.92	1191.38	1222.57	1260.57	1277.81	1301.39	1298.85
G 25.0	1097.52	1101.05	1120.24	1105.70	1075.92	1106.15	1151.65	1184.00	1214.75	1226.97
G 30.0	984.23	1010.44	1050.66	1039.31	995.14	1012.09	1050.77	1084.74	1125.55	1142.39
G 35.0	863.12	889.33	967.08	979.27	951.08	940.43	966.13	1010.11	1053.10	1068.97
G 40.0	779.33	786.51	885.37	913.86	892.39	888.09	905.07	929.41	968.42	985.35
G 45.0	709.43	721.31	823.16	850.02	825.19	812.37	823.49	848.51	892.52	910.40
G 50.0	654.65	701.41	775.59	775.42	719.68	727.05	741.75	747.72	789.55	809.37
G 55.0	654.16	650.07	674.15	658.89	611.60	610.88	632.36	659.76	700.73	720.91
G 60.0	569.42	535.65	542.39	536.20	511.91	522.15	541.10	556.45	580.88	592.27
G 65.0	466.00	434.52	454.02	463.36	446.53	450.16	462.09	470.51	478.42	484.43
G 70.0	358.27	336.28	367.39	388.60	389.27	416.30	406.81	362.67	356.77	373.95
G 75.0	295.53	280.48	312.07	324.08	312.73	336.94	339.66	310.88	302.88	309.54
G 80.0	276.81	248.58	278.87	267.25	222.44	257.22	269.59	239.13	254.29	265.91
G 85.0	186.23	167.56	188.45	179.73	148.06	170.78	176.78	157.37	177.62	191.48
G 90.0	153.50	141.03	148.92	139.98	117.29	122.32	119.25	106.10	118.37	127.47