

Luminaire

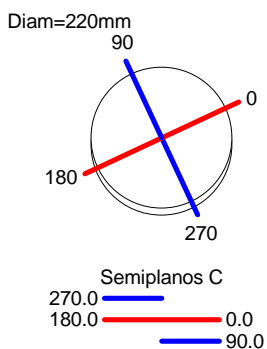
Code 4896
Name SOBREMESA

Measurem.

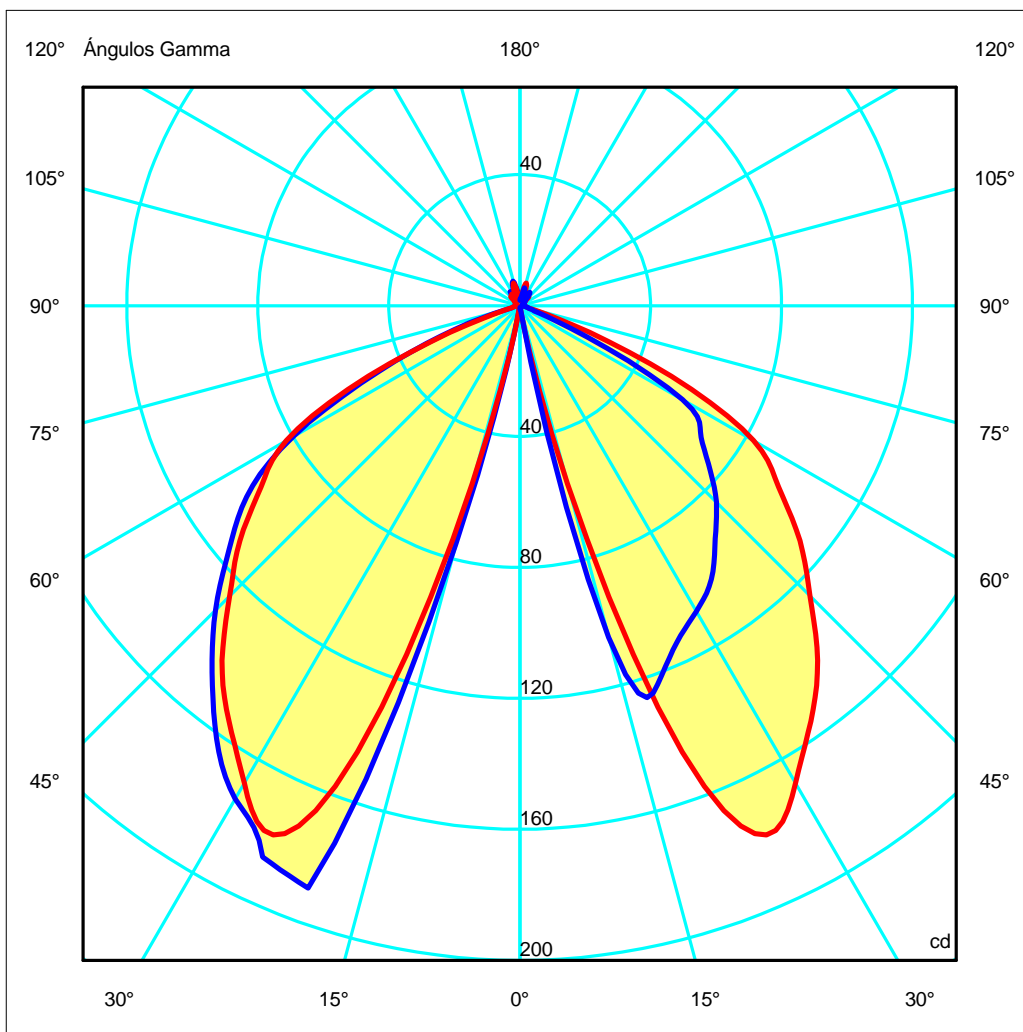
Code CL252A17F013G
Name SOBREMESA

Luminaire Flux	429.02 lm	Luminaire Power	8.75 W	Efficacy	49.03 lm/W	Efficiency	73.97%
Lamps Flux	579.99 lm	Maximum value	189.28 cd	Position	C=270.00 G=20.00	CG	Sym. on planes 270-90
Round Luminaire		Diam.	220 mm	Height	125 mm		
Round Luminous Area		Diam.	220 mm	Height	125 mm		
Horizontal Luminous Area		0.038013 m2		Emitting area on Plane 180°		0.027500 m2	
Emitting area on Plane 0°		0.027500 m2		Emitting area on Plane 270°		0.027500 m2	
Emitting area on Plane 90°		0.027500 m2		Glare area at 76°		0.035879 m2	
Coordinate system		CG		Symmetry Type		Sym. on planes 270-90	
Date		13-10-2017		Maximum Gamma Angle		180	
Measurement Distance		6.44		Measurement Flux		580.00 lm	
Operator		Asselum T2		Source Voltage [V]		230.00 V	
Temperature		24.90 °C		Source current [A]		0.04 A	
Humidity		57.00 %		Photocell		Prc	
Notes		RM171005001.2					

Line		Code	Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
		MEGAMAN	Name	LED G9 230V 3W 2800K	193.33	580.00	3
C.I.E.	48 87 99 97 74		D DIN 5040	A31			
F UTE	0.72 D + 0.02 T		B NBN	BZ 4			



ULOR 2.22 %
DLOR 71.75 %
RN 3.00 %



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Measur.

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Luminous Intensity Table cd Table 1/1

	C 270.00	C 285.00	C 300.00	C 315.00	C 330.00	C 345.00	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57
G 5.0	1.02	1.01	1.04	1.09	1.15	1.09	1.12	1.16	1.17	1.19	1.23	1.25	1.17
G 10.0	1.58	3.19	1.39	1.87	1.43	2.20	1.25	1.38	1.68	1.08	1.34	1.14	1.34
G 15.0	75.27	74.93	65.34	131.25	107.63	116.15	56.18	41.51	64.38	62.11	75.22	54.94	104.91
G 20.0	189.28	187.92	142.62	141.83	136.76	134.91	145.07	131.93	186.80	146.63	167.63	123.47	123.12
G 25.0	185.83	182.66	179.45	145.14	130.32	141.68	178.33	186.77	183.94	185.75	179.60	148.71	113.49
G 30.0	173.90	170.76	169.18	137.20	123.45	133.41	168.35	177.33	174.70	175.88	170.56	141.29	107.82
G 35.0	161.45	157.24	155.76	127.15	114.41	123.40	154.93	165.45	161.43	165.25	158.69	131.34	101.98
G 40.0	146.21	141.91	143.12	114.76	104.78	112.55	141.49	151.67	148.38	150.99	145.43	121.27	92.87
G 45.0	131.49	126.89	126.64	102.90	93.68	100.71	125.32	136.78	131.97	137.46	129.58	108.75	84.88
G 50.0	115.95	112.00	113.55	90.47	83.85	89.47	111.67	121.87	118.23	121.27	115.37	97.32	75.16
G 55.0	101.85	97.44	98.08	79.59	73.52	77.96	96.50	106.84	102.23	107.38	100.62	85.56	67.32
G 60.0	79.89	68.31	82.81	64.78	62.76	66.65	82.41	92.54	85.23	90.95	84.37	73.54	57.40
G 65.0	47.49	43.59	43.40	25.16	26.47	23.52	51.05	61.62	53.95	61.80	50.10	50.51	22.84
G 70.0	21.16	17.77	23.96	8.43	4.46	6.81	17.25	30.93	18.89	34.15	22.03	15.63	4.60
G 75.0	2.69	2.29	3.95	2.60	2.75	2.48	2.75	5.55	2.97	2.77	2.49	2.73	2.54
G 80.0	1.73	1.59	1.79	1.61	1.83	1.70	1.87	1.98	1.78	1.95	1.77	2.07	1.79
G 85.0	1.16	0.96	1.12	0.99	1.19	1.04	1.15	1.29	1.07	1.31	1.09	1.37	1.18
G 90.0	0.66	0.64	0.67	0.66	0.69	0.70	0.67	0.74	0.65	0.68	0.64	0.77	0.69
G 95.0	0.75	0.75	0.76	0.76	0.75	0.79	0.74	0.72	0.74	0.71	0.73	0.73	0.78
G100.0	0.84	0.85	0.89	0.90	0.84	0.91	0.84	0.80	0.85	0.83	0.86	0.82	0.88
G105.0	0.97	1.02	1.01	1.04	0.99	1.04	1.00	0.91	0.99	1.01	1.00	0.95	1.00
G110.0	1.13	1.20	1.15	1.20	1.14	1.20	1.15	1.06	1.12	1.19	1.17	1.10	1.15
G115.0	1.31	1.39	1.38	1.36	1.34	1.38	1.32	1.22	1.37	1.35	1.33	1.28	1.40
G120.0	1.53	1.60	1.66	1.63	1.53	1.56	1.50	1.44	1.54	1.53	1.53	1.46	1.55
G125.0	1.75	1.85	1.85	1.89	1.76	1.79	1.74	1.65	1.81	1.75	1.76	1.68	1.75
G130.0	2.04	2.16	2.03	2.12	1.96	1.95	1.95	1.89	2.03	2.04	1.99	1.92	2.00
G135.0	2.10	2.46	3.22	3.01	2.35	3.75	3.94	2.93	2.50	2.78	2.91	2.14	2.20
G140.0	2.73	3.18	3.23	5.75	5.57	3.80	2.75	2.41	2.65	2.80	3.70	3.91	4.50
G145.0	5.18	4.88	4.89	3.23	3.49	3.83	4.30	3.24	4.19	3.49	4.35	4.80	4.77
G150.0	3.21	3.13	2.97	2.98	2.87	3.09	3.36	3.95	3.70	4.04	3.55	3.40	2.77
G155.0	3.92	4.08	3.27	3.38	3.16	3.58	3.44	3.16	3.23	3.31	3.50	3.01	3.04
G160.0	6.50	6.91	5.03	4.64	3.47	4.39	5.62	4.51	5.56	4.26	5.34	3.53	3.60
G165.0	7.66	6.72	5.58	6.28	5.17	6.53	7.02	6.49	8.12	6.53	5.13	4.77	5.59
G170.0	4.88	3.76	4.31	3.09	3.68	2.85	3.81	5.61	3.57	3.69	3.20	3.99	3.06
G175.0	2.90	1.90	2.55	1.85	2.41	1.76	2.55	3.96	2.34	3.06	2.24	3.40	2.14
G180.0	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58	1.58

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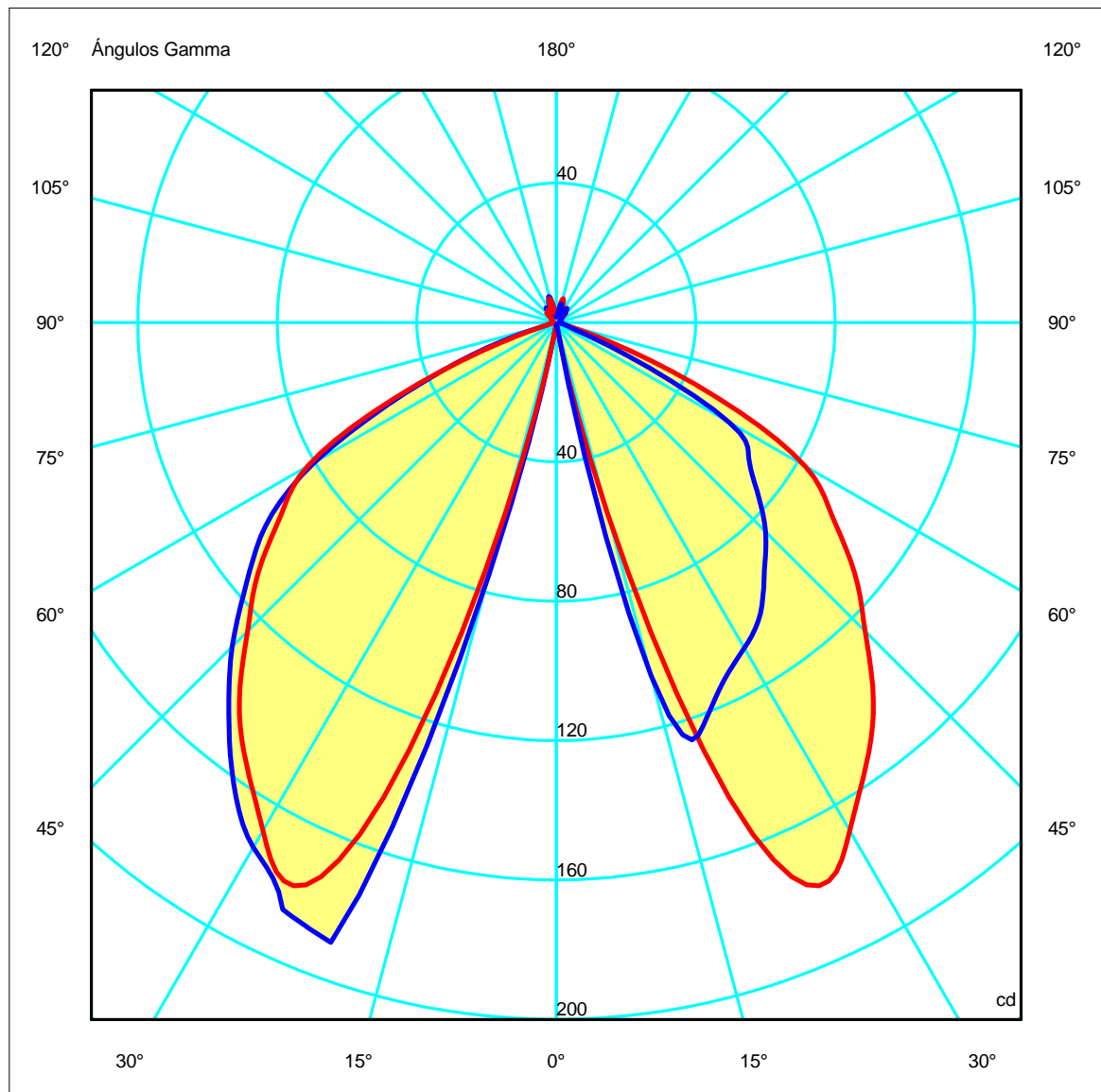
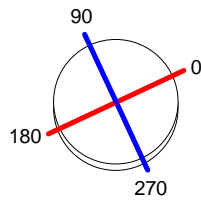
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Diam=220mm

Semiplanos C

 270.0 ————
 180.0 ———— 0.0
 ———— 90.0


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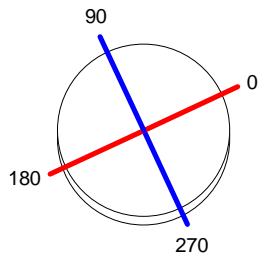
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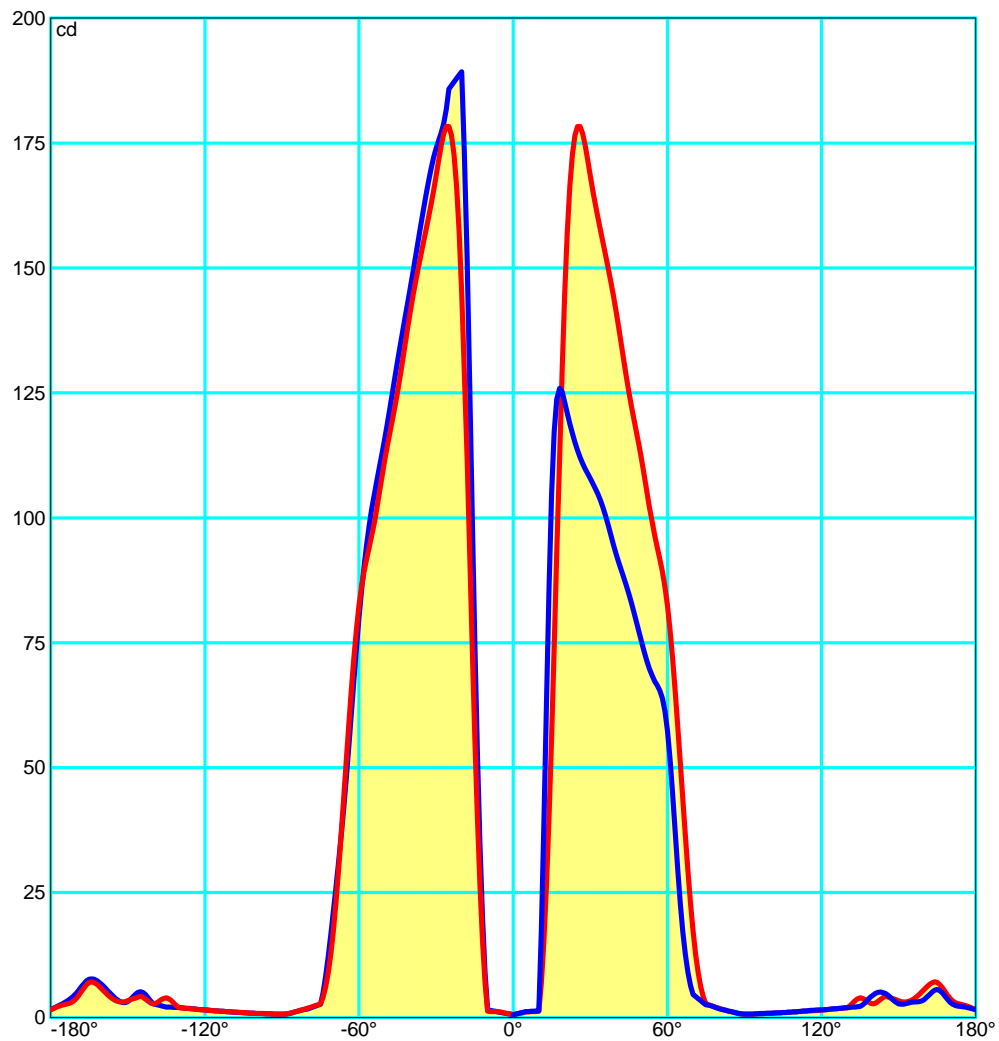
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Lamps Flux	579.99 lm	Maximum value	189.28 cd	Position	C=270.00 G=20.00	CG Sym. on planes	270-90

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	15.5	16.7	15.8	17.0	17.3	15.5	16.7	15.8	17.0	17.3
x=2H y=3H	15.8	16.9	16.2	17.3	17.6	15.8	16.9	16.1	17.2	17.5
x=2H y=4H	15.8	16.8	16.2	17.1	17.5	15.7	16.7	16.1	17.1	17.4
x=2H y=6H	15.7	16.6	16.1	17.0	17.4	15.6	16.5	16.0	16.9	17.3
x=2H y=8H	15.6	16.6	16.1	16.9	17.3	15.6	16.5	16.0	16.8	17.2
x=2H y=12H	15.6	16.5	16.0	16.9	17.2	15.5	16.4	15.9	16.8	17.2
x=4H y=2H	15.9	16.9	16.3	17.3	17.6	15.6	16.7	16.0	17.0	17.3
x=4H y=3H	16.2	17.1	16.6	17.5	17.9	16.0	16.8	16.4	17.2	17.6
x=4H y=4H	16.2	16.9	16.6	17.3	17.7	15.9	16.7	16.4	17.1	17.5
x=4H y=6H	16.1	16.8	16.6	17.2	17.6	15.9	16.5	16.3	16.9	17.4
x=4H y=8H	16.1	16.7	16.6	17.1	17.6	15.8	16.4	16.3	16.9	17.3
x=4H y=12H	16.0	16.6	16.5	17.0	17.5	15.8	16.3	16.3	16.8	17.3
x=8H y=4H	16.1	16.7	16.6	17.2	17.6	15.8	16.4	16.3	16.9	17.3
x=8H y=6H	16.0	16.5	16.5	17.0	17.5	15.8	16.3	16.3	16.7	17.3
x=8H y=8H	16.0	16.4	16.5	16.9	17.5	15.7	16.2	16.3	16.7	17.2
x=8H y=12H	15.9	16.3	16.5	16.8	17.4	15.7	16.0	16.2	16.6	17.1
x=12H y=4H	16.1	16.6	16.5	17.0	17.5	15.8	16.3	16.3	16.8	17.3
x=12H y=6H	16.0	16.4	16.5	16.9	17.5	15.7	16.2	16.3	16.6	17.2
x=12H y=8H	15.9	16.3	16.5	16.8	17.4	15.7	16.0	16.2	16.6	17.1

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Lamps Flux	579.99 lm	Maximum value	189.28 cd	Position	C=270.00 G=20.00	CG Sym. on planes 270-90	

Flujo Total=579.99 Flujo Luminaria=429.02

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	0.40	0.49	0.57	0.63	0.72	0.77	0.81	0.86	0.88	0.93	0.96
RC	5	5	5	4	4	4	4	4	4	4	4	4

Flujo Zonal por 1000 Lúmenes

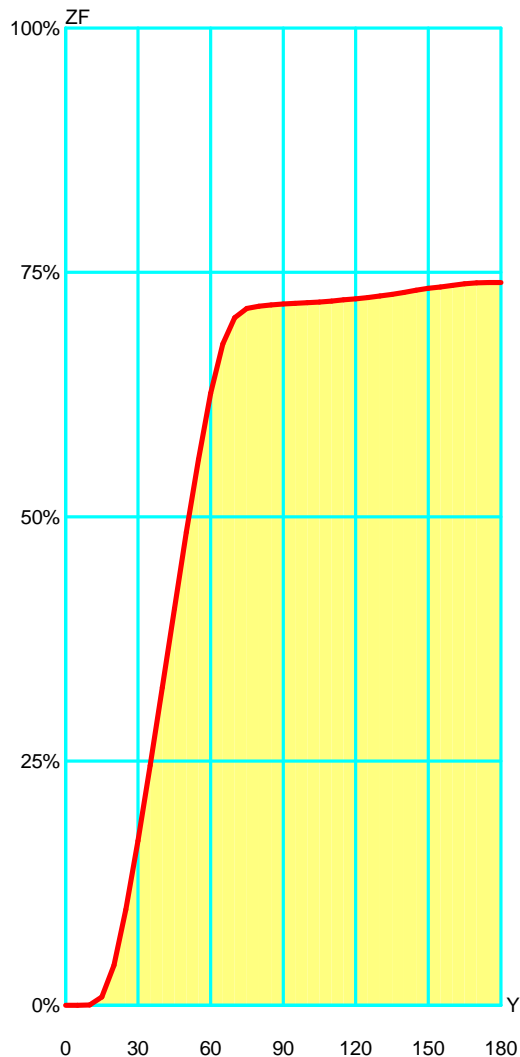
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	0	41	168	325	484	626	704	715	718	719	721	723	726	730	734	737	739	740

Códigos de Flujo C.I.E.

48 87 99 97 74

C.I.E. 5/5/5/4/4/4/4/4/4/4
D DIN 5040 A31
F UTE 0.72 D + 0.02 T
B NBN BZ 4
RN 3.00073 %
BLF 1.0

LOR 73.96989 %
ULOR 2.21964 %
DLOR 71.75025 %
UFF 3.00073 %
DFF 96.99927 %
FFR 3.09356 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00 %	0.00 %
5°	0.04	0.04	0.00 %	0.00 %
10°	0.17	0.20	0.02 %	0.03 %
15°	8.17	8.38	1.11 %	1.13 %
20°	32.46	40.84	4.39 %	5.52 %
25°	57.17	98.01	7.73 %	13.25 %
30°	70.46	168.47	9.53 %	22.78 %
35°	76.80	245.27	10.38 %	33.16 %
40°	80.13	325.40	10.83 %	43.99 %
45°	80.47	405.87	10.88 %	54.87 %
50°	78.37	484.24	10.60 %	65.46 %
55°	74.38	558.62	10.06 %	75.52 %
60°	67.53	626.15	9.13 %	84.65 %
65°	50.62	676.78	6.84 %	91.49 %
70°	26.90	703.68	3.64 %	95.13 %
75°	9.36	713.04	1.26 %	96.40 %
80°	2.22	715.26	0.30 %	96.70 %
85°	1.38	716.64	0.19 %	96.88 %
90°	0.86	717.50	0.12 %	97.00 %
95°	0.67	718.18	0.09 %	97.09 %
100°	0.75	718.93	0.10 %	97.19 %
105°	0.85	719.78	0.12 %	97.31 %
110°	0.97	720.75	0.13 %	97.44 %
115°	1.09	721.83	0.15 %	97.58 %
120°	1.21	723.04	0.16 %	97.75 %
125°	1.32	724.36	0.18 %	97.93 %
130°	1.42	725.78	0.19 %	98.12 %
135°	1.69	727.47	0.23 %	98.35 %
140°	2.06	729.53	0.28 %	98.63 %
145°	2.23	731.76	0.30 %	98.93 %
150°	1.90	733.66	0.26 %	99.18 %
155°	1.47	735.13	0.20 %	99.38 %
160°	1.49	736.62	0.20 %	99.58 %
165°	1.58	738.20	0.21 %	99.80 %
170°	1.03	739.22	0.14 %	99.94 %
175°	0.39	739.61	0.05 %	99.99 %
180°	0.09	739.70	0.01 %	100.00 %

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Utilizations CIE

Mounting	Direct				Normalization			Normalised			Suspension Ratio d/3								Standard CIE Settings							
Ceiling																										
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	177	159	143	129	151	123	96	82	79	67	49	37	27	19	63	39	35	22	18	33	19	16	8			
0.80	201	184	150	138	175	132	118	103	88	78	57	45	33	24	73	47	43	28	23	41	24	21	10			
1.00	217	202	150	140	192	134	135	121	93	84	62	51	39	30	78	53	49	33	28	46	29	26	11			
1.25	231	218	147	139	207	134	153	139	96	88	67	57	44	35	83	59	54	39	34	52	35	31	12			
1.50	241	229	143	137	218	132	168	154	98	91	71	62	49	41	86	63	59	44	39	56	40	36	13			
2.00	254	244	135	131	233	126	189	177	99	93	76	69	57	49	88	69	66	52	47	63	48	44	15			
2.50	263	255	129	126	243	122	205	194	99	95	80	73	63	56	90	73	70	58	54	67	54	50	16			
3.00	270	263	125	122	251	119	217	207	100	96	83	77	68	61	91	76	74	63	59	71	59	55	17			
4.00	279	273	120	118	262	115	234	225	100	97	87	82	74	68	93	81	79	70	66	76	66	62	18			
5.00	285	281	117	116	269	113	245	238	101	98	89	85	79	74	95	84	82	74	71	80	71	67	18			
10.00	299	297	111	111	285	109	270	266	102	101	95	93	89	86	97	91	90	85	83	88	82	79	20			
20.00	306	305	108	107	293	106	285	283	102	101	98	97	94	93	99	95	95	92	91	92	89	86	21			

Wall

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	345	336	303	296	331	292	260	254	236	231	198	193	170	167	228	194	192	168	167	191	167	166	152
0.80	382	372	323	317	364	312	297	289	260	255	223	218	195	192	251	218	216	193	191	214	191	189	172
1.00	404	394	331	326	385	320	321	313	274	268	239	233	212	208	263	233	231	209	206	228	206	204	184
1.25	421	412	334	329	401	323	342	333	282	277	251	245	225	221	272	244	242	221	219	239	218	216	193
1.50	433	424	334	330	412	324	357	349	288	283	259	253	235	230	277	251	249	230	228	246	227	224	200
2.00	441	434	326	322	419	316	373	365	287	283	263	258	243	238	276	255	253	237	234	248	232	228	201
2.50	447	440	319	317	424	310	384	376	286	283	266	261	248	243	275	257	255	242	239	250	236	231	202
3.00	450	444	314	311	426	305	391	383	284	282	267	262	251	246	273	257	256	244	241	250	238	232	202
4.00	459	454	312	310	435	304	406	399	287	285	273	269	259	255	276	263	262	252	249	255	245	238	206
5.00	468	464	313	312	444	306	419	413	292	290	280	276	268	264	280	270	268	260	257	261	252	245	211
10.00	501	498	330	330	475	323	460	457	315	314	308	306	300	298	304	297	296	291	289	287	281	273	236
20.00	534	532	355	355	508	348	500	497	344	343	339	338	334	333	332	328	327	324	323	317	314	304	265

Working Pl.

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	429	419	400	392	412	387	327	320	315	309	265	261	230	227	306	261	259	228	226	258	226	225	212
0.80	518	507	478	470	497	463	413	405	394	388	345	339	308	304	383	339	337	305	303	334	303	301	288
1.00	586	575	534	527	562	519	482	472	456	449	409	402	372	367	442	401	398	368	365	395	364	362	349
1.25	649	638	585	578	622	569	548	537	513	507	470	462	435	429	498	460	457	429	426	452	424	421	408
1.50	694	683	620	614	666	605	597	585	554	548	514	506	481	474	538	503	500	474	470	494	468	464	451
2.00	759	749	668	664	727	653	669	657	613	607	579	572	550	543	595	566	563	541	537	555	534	527	516
2.50	798	789	696	693	765	682	714	703	648	643	619	612	594	587	630	605	602	583	579	593	574	566	556
3.00	825	817	715	712	792	701	747	736	672	668	647	640	625	617	653	632	629	613	609	619	602	593	583
4.00	859	852	737	734	823	723	787	777	700	697	680	674	661	654	681	663	661	648	644	649	635	625	615
5.00	879	873	749	747	842	736	811	803	717	714	699	694	683	677	696	682	680	668	665	666	655	643	633
10.00	920	917	773	772	882	760	863	858	750	748	739	736	729	725	729	720	719	712	709	702	695	680	670
20.00	942	940	785	784	903	773	893	890	767	766	761	760	755	753	746	741	740	736	735	722	718	701	691

LM53 SHR C0-C180: 6.065 SHR C90-C270: 5.210 SHR Square: 1.410

Luminaire

Code 4896
Name SOBREMESA

Measurem.

Code CL252A17F013G
Name SOBREMESA

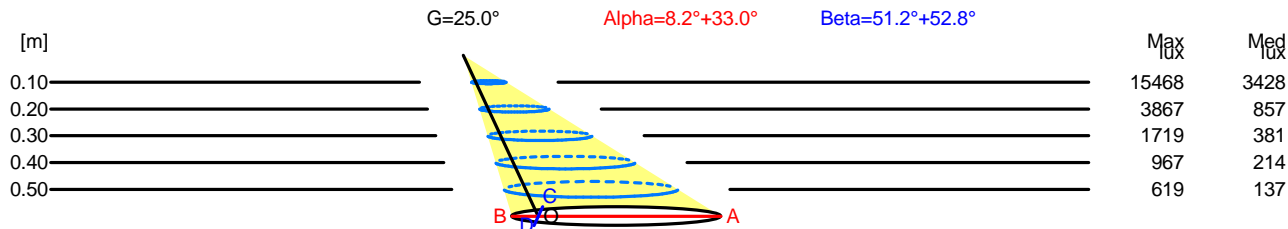
Luminaire Flux	429.02 lm	Luminaire Power	8.75 W	Efficacy	49.03 lm/W	Efficiency	73.97%
Lamps Flux	579.99 lm	Maximum value	189.28 cd	Position	C=270.00 G=20.00	CG Sym. on planes	270-90

Width at 50.00 % of Max Intensity

H[m]	0.10	0.20	0.30	0.40	0.50	H[m]	0.10	0.20	0.30	0.40	0.50
OA	0.11	0.23	0.34	0.45	0.57	OC	0.14	0.27	0.41	0.55	0.69
OB	0.02	0.03	0.05	0.07	0.08	OD	0.15	0.29	0.44	0.58	0.73

Luminous Intensities [cd]

	0	5	15	25	35	45	55	65	75	85
OA	0.57	1.12	56.18	178.33	154.93	125.32	96.50	51.05	2.75	1.15
OB	0.57	1.12	56.18	178.33	154.93	125.32	96.50	51.05	2.75	1.15
OC	0.57	1.17	104.91	113.49	101.98	84.88	67.32	22.84	2.54	1.18
OD	0.57	1.02	75.27	185.83	161.45	131.49	101.85	47.49	2.69	1.16



H[m]	D[m]	Max lux	Med lux	Alpha=8.2°+33.0°	G=25.0
0.10	0.13	15468	3428		
0.20	0.26	3867	857		
0.30	0.39	1719	381		
0.40	0.52	967	214		
0.50	0.65	619	137		

H[m]	D[m]	Max lux	Med lux	Beta=52.8°+51.2°	G=0.0
0.10	0.28	15468	3428		
0.20	0.57	3867	857		
0.30	0.85	1719	381		
0.40	1.13	967	214		
0.50	1.41	619	137		

Luminaire

 Code 4896
 Name SOBREMESA

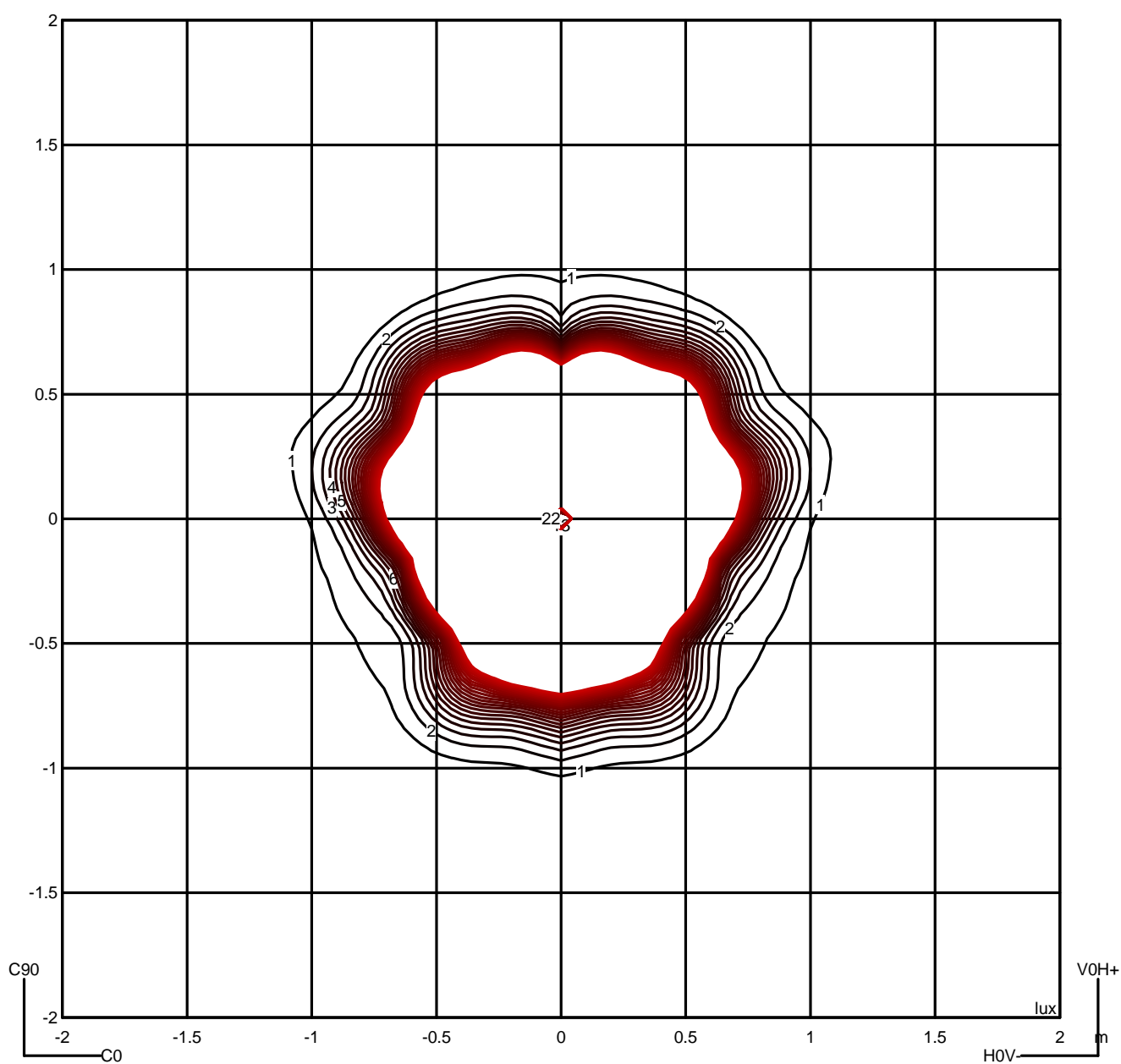
Measurem.

 Code CL252A17F013G
 Name SOBREMESA

Luminaire Flux	429.02 lm	Luminaire Power	8.75 W	Efficacy	49.03 lm/W	Efficiency	73.97%
Lamps Flux	579.99 lm	Maximum value	189.28 cd	Position	C=270.00 G=20.00	CG	Sym. on planes 270-90

Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=0.29m



Luminaire

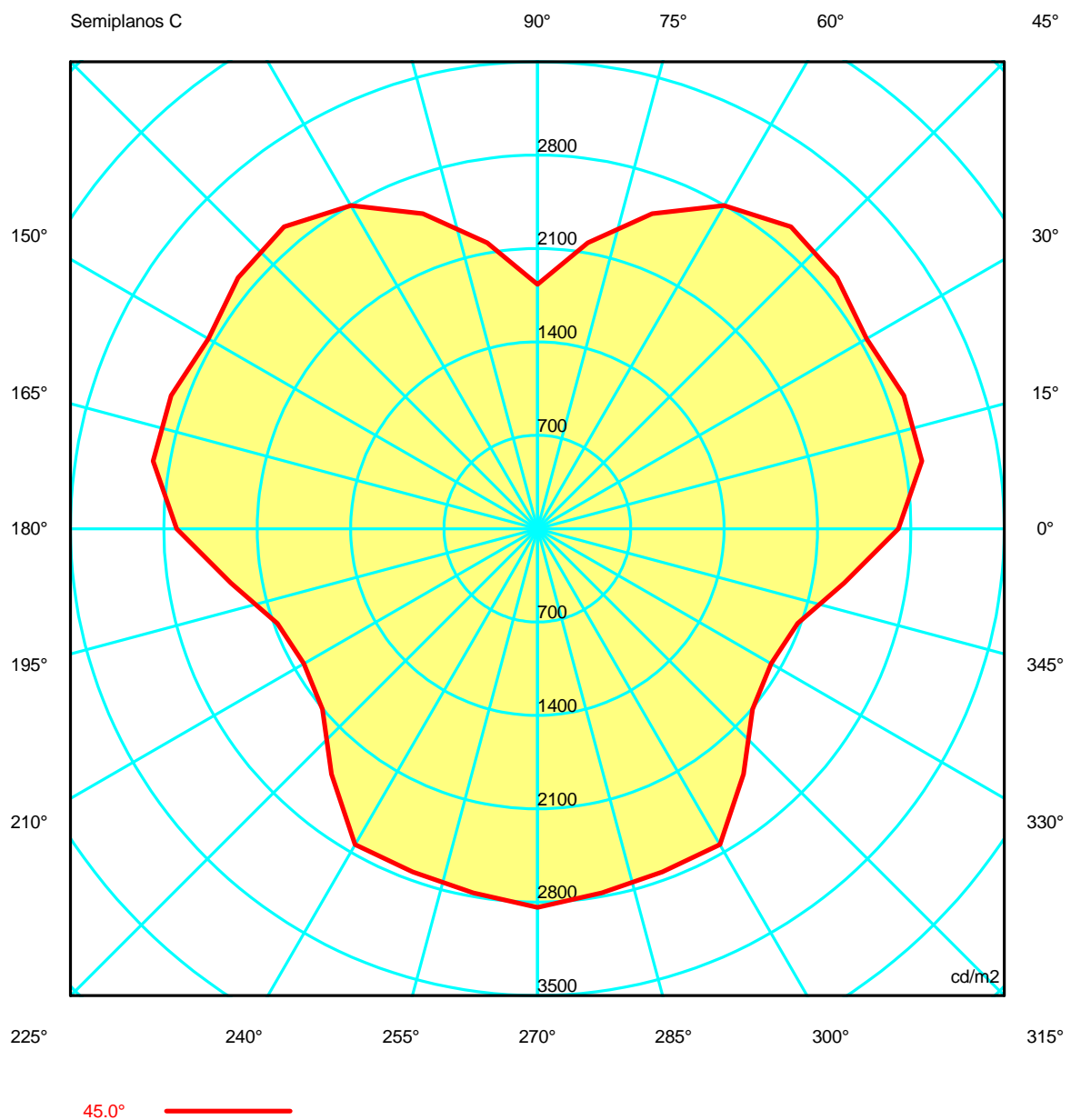
Code 4896
Name SOBREMESA

Measurem.

Code CL252A17F013G
Name SOBREMESA

Luminaire Flux	429.02 lm	Luminaire Power	8.75 W	Efficacy	49.03 lm/W	Efficiency	73.97%
Lamps Flux	579.99 lm	Maximum value	189.28 cd	Position	C=270.00 G=20.00	CG	Sym. on planes 270-90

Luminance



Luminaire

Code 4896

Name SOBREMESA

Measurement

Code CL252A17F013G

Name SOBREMESA

Luminaire Flux	429.02 lm	Luminaire Power	8.75 W	Efficacy	49.03 lm/W	Efficiency	73.97%
Lamps Flux	579.99 lm	Maximum value	189.28 cd	Position	C=270.00 G=20.00	CG Sym. on planes	270-90

Luminance cd/m2 Table 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	15.03	15.03	15.03	15.03	15.03	15.03	15.03	15.03	15.03	15.03	15.03	15.03	15.03
G 5.0	27.77	28.51	28.96	29.15	29.25	29.79	30.66	31.07	30.51	29.17	30.51	31.07	30.66
G 10.0	29.51	28.38	37.15	39.77	29.35	26.18	31.76	28.82	27.10	31.84	27.10	28.82	31.76
G 15.0	1281.72	881.37	1126.61	1468.79	1418.10	1516.62	1715.94	1335.62	1450.27	2393.24	1450.27	1335.62	1715.94
G 20.0	3214.77	3020.67	3336.70	4139.50	3539.61	3328.45	3714.67	3103.09	2733.59	2728.40	2733.59	3103.09	3714.67
G 25.0	3870.60	4057.17	4031.08	3992.42	4015.07	4033.22	3898.11	3486.68	2969.36	2463.33	2969.36	3486.68	3898.11
G 30.0	3607.14	3796.59	3781.78	3743.23	3755.15	3772.32	3654.59	3270.95	2784.90	2310.33	2784.90	3270.95	3654.59
G 35.0	3302.55	3514.02	3500.79	3441.08	3492.32	3523.76	3382.67	3018.94	2585.58	2173.94	2585.58	3018.94	3382.67
G 40.0	3023.50	3224.84	3222.18	3170.72	3204.60	3226.57	3107.83	2790.40	2389.04	1984.54	2389.04	2790.40	3107.83
G 45.0	2705.30	2927.03	2923.27	2848.86	2929.71	2956.34	2797.23	2513.15	2177.47	1832.33	2177.47	2513.15	2797.23
G 50.0	2454.18	2653.30	2658.95	2598.33	2642.37	2656.86	2535.48	2289.81	1980.21	1651.87	1980.21	2289.81	2535.48
G 55.0	2176.92	2381.92	2381.98	2306.01	2385.65	2410.20	2269.86	2054.50	1797.61	1518.70	1797.61	2054.50	2269.86
G 60.0	1924.46	2136.60	2112.17	1990.32	2079.33	2109.71	1970.30	1811.02	1604.23	1340.37	1604.23	1811.02	1970.30
G 65.0	1245.58	1502.99	1433.43	1316.16	1468.69	1436.53	1222.27	1255.73	1087.40	557.16	1087.40	1255.73	1222.27
G 70.0	444.00	753.19	697.94	486.29	761.11	844.28	567.16	443.18	330.07	118.30	330.07	443.18	567.16
G 75.0	75.45	137.08	138.81	81.52	77.96	75.34	68.51	72.36	74.95	69.79	74.95	72.36	68.51
G 80.0	55.66	59.13	56.58	52.89	56.82	56.32	52.66	58.77	60.80	53.14	60.80	58.77	52.66
G 85.0	37.48	42.18	39.42	34.74	40.64	40.86	35.66	41.46	44.45	38.27	44.45	41.46	35.66
G 90.0	24.25	26.40	26.06	23.55	24.26	23.99	23.15	26.45	27.89	25.14	27.89	26.45	23.15

Luminaire

Code 4896

Name SOBREMESA

Measurement

Code CL252A17F013G

Name SOBREMESA

Luminaire Flux	429.02 lm	Luminaire Power	8.75 W	Efficacy	49.03 lm/W	Efficiency	73.97%
Lamps Flux	579.99 lm	Maximum value	189.28 cd	Position	C=270.00 G=20.00	CG Sym. on planes	270-90

Luminance cd/m2 Table 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	15.03	15.03	15.03	15.03	15.03	15.03	15.03	15.03	15.03	15.03	15.03	15.03	15.03
G 5.0	29.79	29.25	29.15	28.96	28.51	27.77	27.05	27.56	28.49	27.70	26.57	25.93	25.34
G 10.0	26.18	29.35	39.77	37.15	28.38	29.51	47.61	47.66	33.78	41.90	39.05	32.95	64.06
G 15.0	1516.62	1418.10	1468.79	1126.61	881.37	1281.72	2314.00	2653.02	2455.33	2814.57	2591.45	1490.63	1515.01
G 20.0	3328.45	3539.61	4139.50	3336.70	3020.67	3214.77	3064.70	2945.56	3030.56	3105.45	3148.77	3160.53	3846.78
G 25.0	4033.22	4015.07	3992.42	4031.08	4057.17	3870.60	3334.03	2911.54	2828.44	2970.52	3409.63	3894.85	3941.34
G 30.0	3772.32	3755.15	3743.23	3781.78	3796.59	3607.14	3098.67	2711.35	2645.17	2775.23	3180.06	3624.91	3647.61
G 35.0	3523.76	3492.32	3441.08	3500.79	3514.02	3302.55	2841.57	2499.64	2438.89	2560.62	2925.75	3320.23	3341.25
G 40.0	3226.57	3204.60	3170.72	3222.18	3224.84	3023.50	2596.22	2291.86	2239.07	2320.12	2664.10	3058.31	3041.13
G 45.0	2956.34	2929.71	2848.86	2923.27	2927.03	2705.30	2333.96	2074.62	2022.23	2103.28	2401.13	2733.77	2737.38
G 50.0	2656.86	2642.37	2598.33	2658.95	2653.30	2454.18	2110.85	1883.24	1842.89	1887.63	2162.91	2495.55	2472.85
G 55.0	2410.20	2385.65	2306.01	2381.98	2381.92	2176.92	1878.46	1689.51	1658.51	1707.52	1940.15	2212.60	2202.95
G 60.0	2109.71	2079.33	1990.32	2112.17	2136.60	1924.46	1654.89	1504.45	1465.59	1441.65	1674.81	1933.86	1710.65
G 65.0	1436.53	1468.69	1316.16	1433.43	1502.99	1245.58	743.76	597.76	645.88	624.48	740.99	1058.90	1061.91
G 70.0	844.28	761.11	486.29	697.94	753.19	444.00	229.76	142.80	114.70	136.60	363.35	616.84	528.23
G 75.0	75.34	77.96	81.52	138.81	137.08	75.45	62.26	70.67	75.54	72.87	85.78	108.61	79.22
G 80.0	56.32	56.82	52.89	56.58	59.13	55.66	51.07	51.84	54.26	49.45	49.23	53.29	49.42
G 85.0	40.86	40.64	34.74	39.42	42.18	37.48	33.58	35.60	38.63	33.95	33.13	36.41	32.78
G 90.0	23.99	24.26	23.55	26.06	26.40	24.25	25.10	25.73	25.13	24.31	24.28	24.47	23.58

Luminaire

Code 4896
Name SOBREMESA

Measur.

Code CL252A17F013G
Name SOBREMESA

Luminaire Flux	429.02 lm	Luminaire Power	8.75 W	Efficacy	49.03 lm/W	Efficiency	73.97%
Lamps Flux	579.99 lm	Maximum value	189.28 cd	Position	C=270.00 G=20.00	CG Sym. on planes 270-90	

Luminance cd/m2 Table 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	15.03	15.03	15.03	15.03	15.03	15.03	15.03	15.03	15.03	15.03
G 5.0	25.16	25.43	25.16	25.34	25.93	26.57	27.70	28.49	27.56	27.05
G 10.0	72.64	37.51	72.64	64.06	32.95	39.05	41.90	33.78	47.66	47.61
G 15.0	1711.86	1717.03	1711.86	1515.01	1490.63	2591.45	2814.57	2455.33	2653.02	2314.00
G 20.0	4174.33	4194.39	4174.33	3846.78	3160.53	3148.77	3105.45	3030.56	2945.56	3064.70
G 25.0	3987.49	4033.30	3987.49	3941.34	3894.85	3409.63	2970.52	2828.44	2911.54	3334.03
G 30.0	3681.36	3726.17	3681.36	3647.61	3624.91	3180.06	2775.23	2645.17	2711.35	3098.67
G 35.0	3381.69	3441.54	3381.69	3341.25	3320.23	2925.75	2560.62	2438.89	2499.64	2841.57
G 40.0	3032.34	3124.39	3032.34	3041.13	3058.31	2664.10	2320.12	2239.07	2291.86	2596.22
G 45.0	2772.26	2838.42	2772.26	2737.38	2733.77	2401.13	2103.28	2022.23	2074.62	2333.96
G 50.0	2461.79	2548.39	2461.79	2472.85	2495.55	2162.91	1887.63	1842.89	1883.24	2110.85
G 55.0	2206.76	2297.55	2206.76	2202.95	2212.60	1940.15	1707.52	1658.51	1689.51	1878.46
G 60.0	1602.22	1865.73	1602.22	1710.65	1933.86	1674.81	1441.65	1465.59	1504.45	1654.89
G 65.0	1095.18	1158.72	1095.18	1061.91	1058.90	740.99	624.48	645.88	597.76	743.76
G 70.0	445.40	544.78	445.40	528.23	616.84	363.35	136.60	114.70	142.80	229.76
G 75.0	58.43	73.91	58.43	79.22	108.61	85.78	72.87	75.54	70.67	62.26
G 80.0	47.29	51.46	47.29	49.42	53.29	49.23	49.45	54.26	51.84	51.07
G 85.0	31.88	37.85	31.88	32.78	36.41	33.13	33.95	38.63	35.60	33.58
G 90.0	23.22	23.98	23.22	23.58	24.47	24.28	24.31	25.13	25.73	25.10