

Luminaria		Ensayo		Lámpara	
Código	SOHO 112 LED	Código	SOHO 112 LED	Código	SOHO 112 LED
Nombre	SOHO 112 LED difusor opal	Nombre	SOHO 112 LED difusor opal	Número	1
Familia	- MARSET	Fecha	29-04-2015	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	8836.02 lm
Valor Máximo	379.25 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	
Luminaria Redonda	Diam.	1120 mm	Altura	600 mm	
Área Luminosa Redonda	Diam.	1040 mm	Altura	0 mm	
Área Luminosa Horizontal	0.849487 m2		Área Emisión sobre Pl. 180°	0.000000 m2	
Área Emisión sobre Pl. 0°	0.000000 m2		Área Emisión sobre Pl. 270°	0.000000 m2	
Área Emisión sobre Pl. 90°	0.000000 m2		Área de deslumbramiento a 76°	0.205509 m2	
Tipo de Simetría	Bisimétrico	Máximo Ángulo Gamma	90		
Distancia de Ensayo	6.44	Flujo de Ensayo	8836.02 lm		
Operador	Asselum T2	Tensión de alimentación	230.00 V		
Temperatura	21.00 °C	Corriente de alimentación			
Humedad	51.00 %	Fotocélula	Prc		
Notas					

Lámparas de la Luminaria					
Familia	Código	Nombre	Flujo [lm]	Pot. [W]	Cant.
- MARSET	SOHO 112 LED	Lámpara led 138W	8836.02	138.00	1
C.I.E.	49 81 97 100 100	D DIN 5040			
F UTE	1.00 E	B NBN	A30	BZ 4	

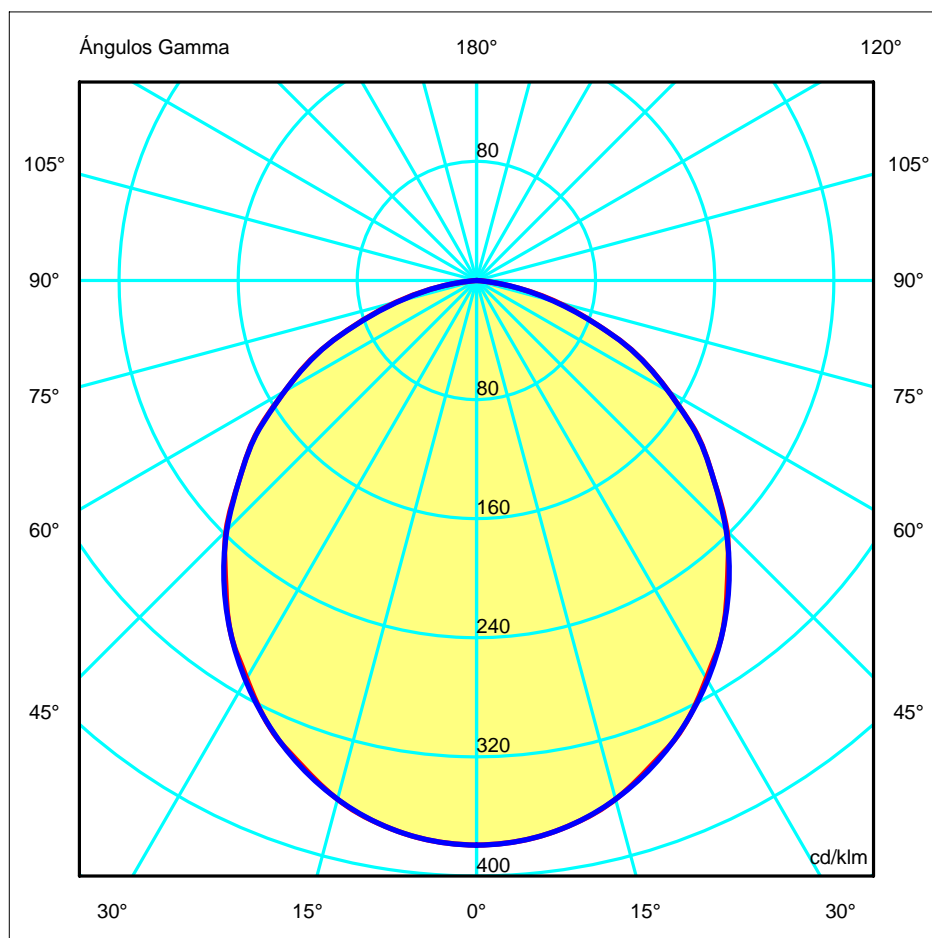
Diam=1120mm



Semiplanos C

180.0 — 0.0
270.0 — 90.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



Luminaria		Ensayo		Lámpara	
Código	SOHO 112 LED	Código	SOHO 112 LED	Código	SOHO 112 LED
Nombre	SOHO 112 LED difusor opal	Nombre	SOHO 112 LED difusor opal	Número	1
Familia	- MARSET	Fecha	29-04-2015	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	8836.02 lm
Valor Máximo	379.25 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

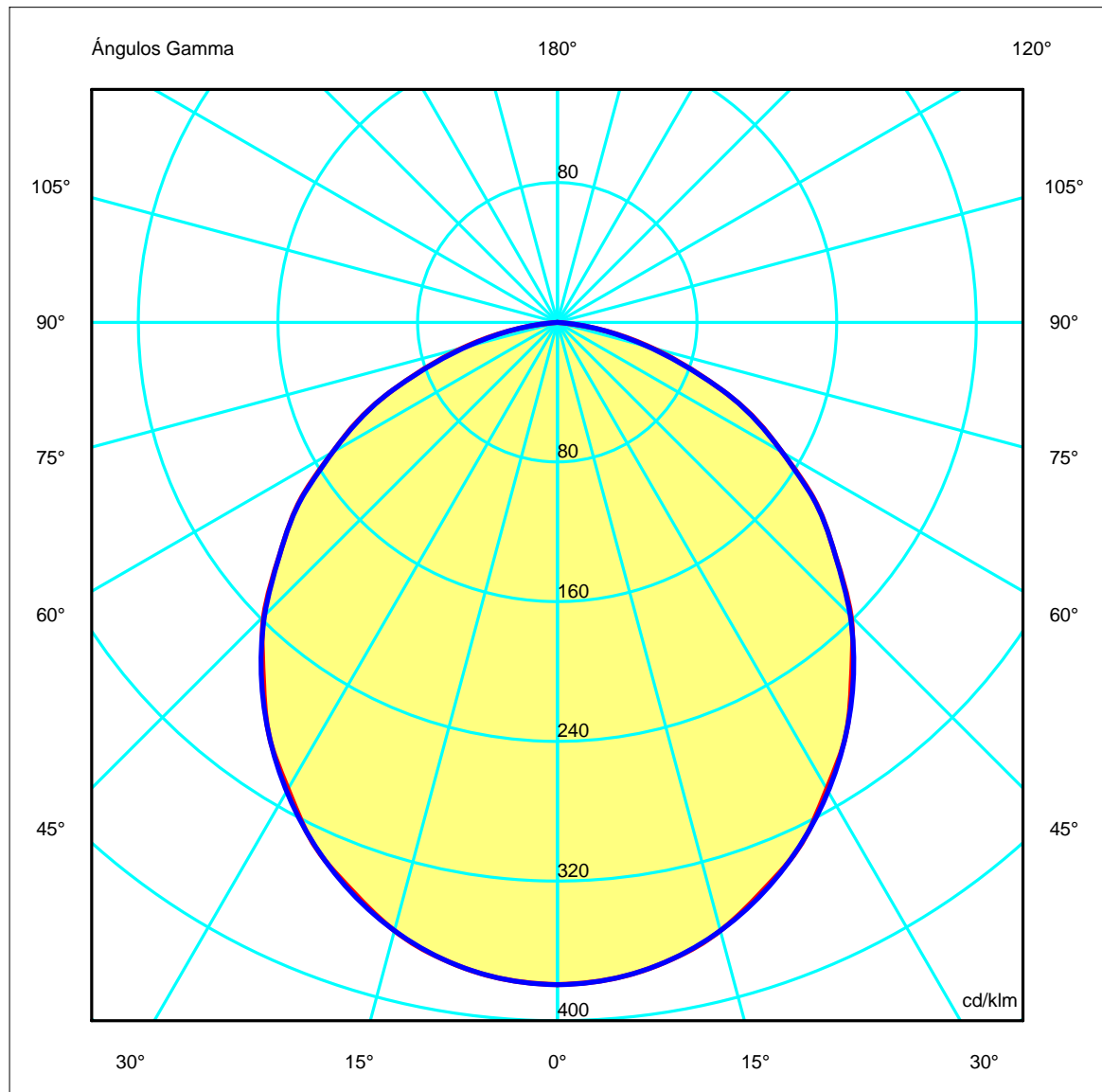
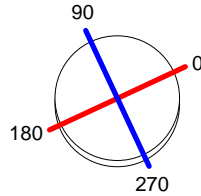
Tabla de Intensidad Luminosa cd/klm				Tabla 1/1			
	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	379.25	379.25	379.25	379.25	379.25	379.25	379.25
G 5.0	377.18	377.21	377.25	377.17	377.23	377.13	377.25
G 10.0	370.90	370.93	371.12	370.60	370.81	370.55	370.77
G 15.0	360.74	360.86	361.09	360.67	360.69	360.68	360.67
G 20.0	345.59	346.62	347.20	345.66	346.54	345.54	346.77
G 25.0	330.11	330.08	330.45	330.03	329.89	329.79	329.88
G 30.0	308.54	309.92	310.42	308.55	309.71	308.53	310.23
G 35.0	288.11	288.11	288.75	287.83	288.07	287.74	287.99
G 40.0	262.21	263.33	264.26	261.85	263.46	261.54	263.88
G 45.0	237.89	238.15	238.70	237.66	237.53	237.35	237.12
G 50.0	207.92	207.84	209.85	207.84	207.73	207.44	207.86
G 55.0	181.25	181.23	182.03	180.88	180.80	180.60	180.66
G 60.0	148.79	148.77	150.62	148.54	148.55	148.44	148.38
G 65.0	120.10	120.28	120.79	120.00	119.68	119.82	119.59
G 70.0	85.56	85.58	87.37	84.90	85.10	85.47	85.10
G 75.0	55.89	55.21	57.16	55.91	54.65	55.27	53.86
G 80.0	26.78	27.12	28.88	26.78	27.08	27.28	27.11
G 85.0	5.06	5.12	5.98	5.28	5.32	4.97	5.27
G 90.0	0.63	0.63	0.63	0.63	0.63	0.63	0.63

Luminaria		Ensayo		Lámpara	
Código	SOHO 112 LED	Código	SOHO 112 LED	Código	SOHO 112 LED
Nombre	SOHO 112 LED difusor opal	Nombre	SOHO 112 LED difusor opal	Número	1
Familia	- MARSET	Fecha	29-04-2015	Posición	Universal
Rendimiento	100.00%	Sist. de Coord.	CG	Flujo Total	8836.02 lm
Valor Máximo	379.25 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

Diam=1120mm

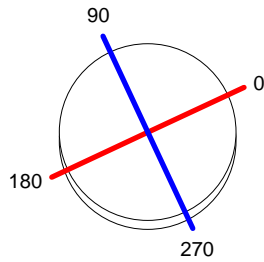
Semiplanos C

180.0 — 0.0
270.0 — 90.0



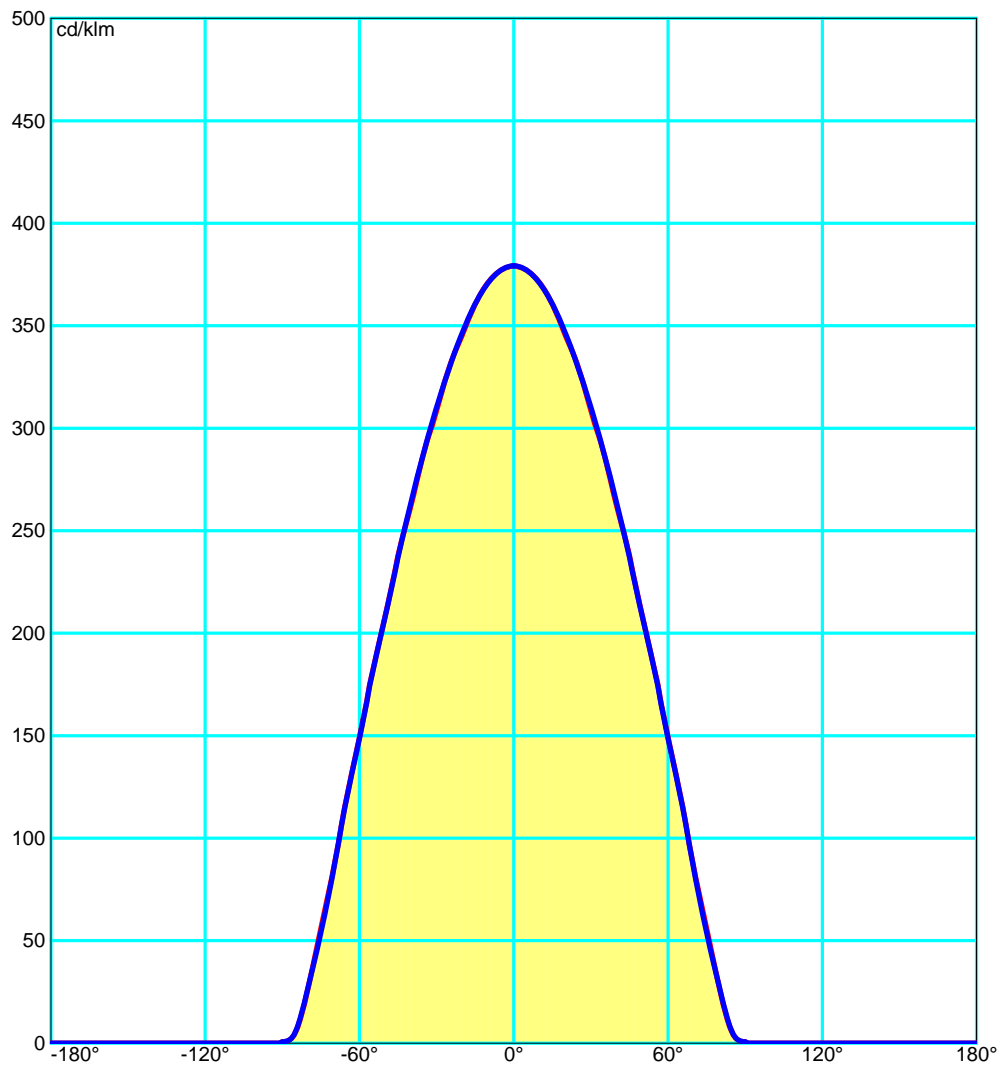
Luminaria		Ensayo		Lámpara	
Código	SOHO 112 LED	Código	SOHO 112 LED	Código	SOHO 112 LED
Nombre	SOHO 112 LED difusor opal	Nombre	SOHO 112 LED difusor opal	Número	1
Familia	- MARSET	Fecha	29-04-2015	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	8836.02 lm
Valor Máximo	379.25 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

Diam=1120mm



Semiplanos C

180.0 ————— 0.0
270.0 ————— 90.0



Luminaria		Ensayo		Lámpara	
Código	SOHO 112 LED	Código	SOHO 112 LED	Código	SOHO 112 LED
Nombre	SOHO 112 LED difusor opal	Nombre	SOHO 112 LED difusor opal	Número	1
Familia	- MARSET	Fecha	29-04-2015	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	8836.02 lm
Valor Máximo	379.25 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

UGR
S = 0.250

Reflectancias										
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										
RoomDimensions	ViewedCrosswise					ViewedEndwise				
x=2H y=2H	16.6	17.9	16.9	18.1	18.3	16.5	17.8	16.8	18.1	18.3
x=2H y=3H	18.0	19.2	18.3	19.4	19.7	18.0	19.1	18.3	19.4	19.7
x=2H y=4H	18.5	19.6	18.8	19.9	20.1	18.5	19.6	18.8	19.8	20.1
x=2H y=6H	18.8	19.8	19.1	20.1	20.4	18.8	19.8	19.1	20.1	20.4
x=2H y=8H	18.8	19.8	19.2	20.1	20.4	18.8	19.8	19.2	20.1	20.4
x=2H y=12H	18.8	19.7	19.2	20.1	20.4	18.8	19.7	19.2	20.0	20.4
x=4H y=2H	17.3	18.4	17.6	18.7	18.9	17.3	18.3	17.6	18.6	18.9
x=4H y=3H	18.9	19.8	19.3	20.1	20.5	18.9	19.8	19.2	20.1	20.5
x=4H y=4H	19.5	20.3	19.9	20.7	21.0	19.4	20.3	19.8	20.6	21.0
x=4H y=6H	19.9	20.6	20.3	21.0	21.3	19.8	20.5	20.2	20.9	21.3
x=4H y=8H	19.9	20.6	20.4	21.0	21.3	19.9	20.5	20.3	20.9	21.3
x=4H y=12H	19.9	20.5	20.4	20.9	21.3	19.9	20.5	20.3	20.9	21.3
x=8H y=4H	19.8	20.4	20.2	20.8	21.2	19.7	20.4	20.1	20.8	21.2
x=8H y=6H	20.2	20.8	20.7	21.2	21.6	20.2	20.7	20.6	21.1	21.6
x=8H y=8H	20.3	20.8	20.8	21.2	21.7	20.3	20.7	20.7	21.2	21.7
x=8H y=12H	20.3	20.7	20.8	21.2	21.6	20.3	20.7	20.8	21.1	21.6
x=12H y=4H	19.8	20.4	20.2	20.8	21.2	19.7	20.3	20.2	20.7	21.2
x=12H y=6H	20.2	20.7	20.7	21.2	21.6	20.2	20.7	20.7	21.1	21.6
x=12H y=8H	20.4	20.8	20.8	21.2	21.7	20.3	20.7	20.8	21.2	21.7

Luminaria		Ensayo		Lámpara	
Código	SOHO 112 LED	Código	SOHO 112 LED	Código	SOHO 112 LED
Nombre	SOHO 112 LED difusor opal	Nombre	SOHO 112 LED difusor opal	Número	1
Familia	- MARSET	Fecha	29-04-2015	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	8836.02 lm
Valor Máximo	379.25 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

Flujo Total=8836.02 Flujo Luminaria=8836.02

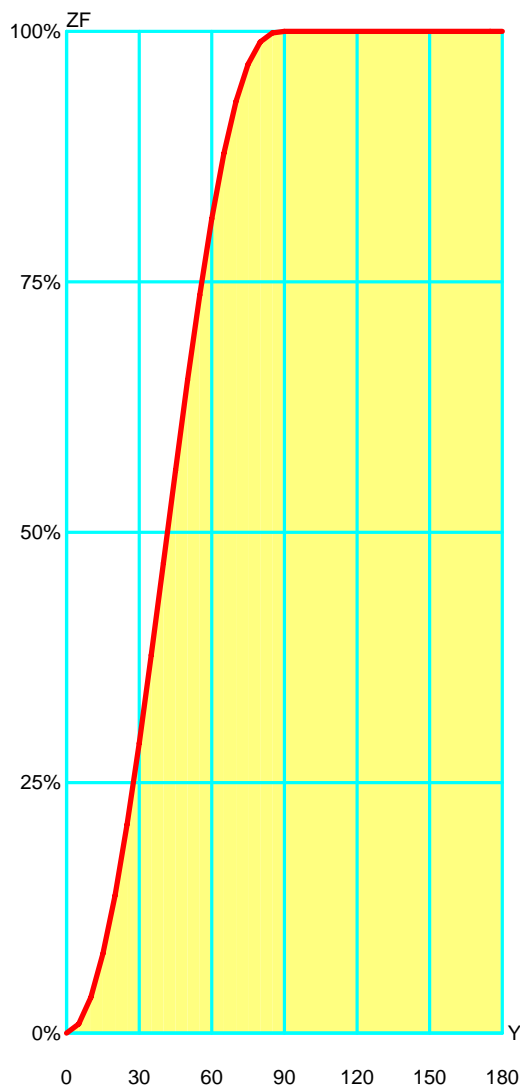
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.32	0.41	0.48	0.56	0.61	0.70	0.76	0.80	0.84	0.87	0.94	0.97
RC	5	5	5	5	4	4	4	4	4	4	4	3

	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)	36	137	289	469	652	813	930	990	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.
49 81 97 100 100

C.I.E.	5/5/5/5/4/4/4/4/4/3
D DIN 5040	A30
F UTE	1.00 E
B NBN	BZ 4
RN	0.00000 %
BLF	1.0

LOR	99.99998 %
ULOR	0.00000 %
DLOR	99.99998 %
UFF	0.00000 %
DFF	100.00000 %
FFR	0.00000 %



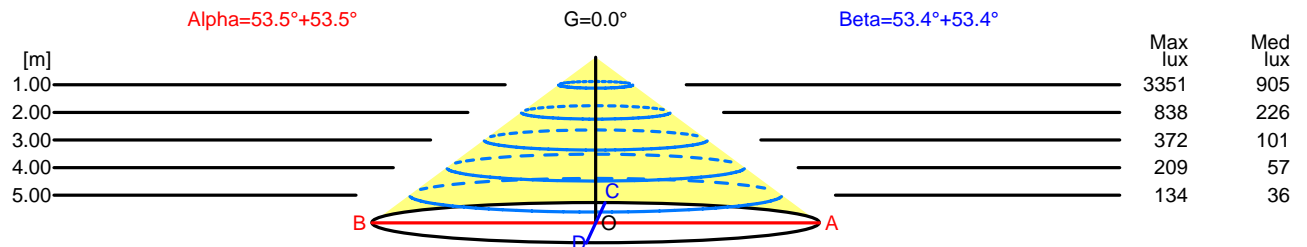
Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00 %	0.00 %
5°	9.04	9.04	0.90 %	0.90 %
10°	26.76	35.80	2.68 %	3.58 %
15°	43.40	79.20	4.34 %	7.92 %
20°	58.27	137.47	5.83 %	13.75 %
25°	70.93	208.41	7.09 %	20.84 %
30°	80.92	289.33	8.09 %	28.93 %
35°	87.99	377.32	8.80 %	37.73 %
40°	91.93	469.25	9.19 %	46.92 %
45°	92.71	561.96	9.27 %	56.20 %
50°	90.10	652.07	9.01 %	65.21 %
55°	84.62	736.69	8.46 %	73.67 %
60°	76.28	812.97	7.63 %	81.30 %
65°	65.39	878.36	6.54 %	87.84 %
70°	52.08	930.44	5.21 %	93.04 %
75°	36.89	967.33	3.69 %	96.73 %
80°	22.17	989.50	2.22 %	98.95 %
85°	8.87	998.37	0.89 %	99.84 %
90°	1.63	1000.00	0.16 %	100.00 %
95°	0.00	1000.00	0.00 %	100.00 %
100°	0.00	1000.00	0.00 %	100.00 %
105°	0.00	1000.00	0.00 %	100.00 %
110°	0.00	1000.00	0.00 %	100.00 %
115°	0.00	1000.00	0.00 %	100.00 %
120°	0.00	1000.00	0.00 %	100.00 %
125°	0.00	1000.00	0.00 %	100.00 %
130°	0.00	1000.00	0.00 %	100.00 %
135°	0.00	1000.00	0.00 %	100.00 %
140°	0.00	1000.00	0.00 %	100.00 %
145°	0.00	1000.00	0.00 %	100.00 %
150°	0.00	1000.00	0.00 %	100.00 %
155°	0.00	1000.00	0.00 %	100.00 %
160°	0.00	1000.00	0.00 %	100.00 %
165°	0.00	1000.00	0.00 %	100.00 %
170°	0.00	1000.00	0.00 %	100.00 %
175°	0.00	1000.00	0.00 %	100.00 %
180°	0.00	1000.00	0.00 %	100.00 %

Luminaria		Ensayo		Lámpara	
Código	SOHO 112 LED	Código	SOHO 112 LED	Código	SOHO 112 LED
Nombre	SOHO 112 LED difusor opal	Nombre	SOHO 112 LED difusor opal	Número	1
Familia	- MARSET	Fecha	29-04-2015	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	8836.02 lm
Valor Máximo	379.25 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

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	1.35	2.70	4.05	5.40	6.75	OC	1.35	2.69	4.04	5.39	6.74
OB	1.35	2.70	4.05	5.40	6.75	OD	1.35	2.69	4.04	5.39	6.74

	Intensidades Luminosas [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	3351.07	3332.77	3187.47	2916.82	2545.77	2102.00	1601.50	1061.18	493.86	44.73
OB	3351.07	3332.77	3187.47	2916.82	2545.77	2102.00	1601.50	1061.18	493.86	44.73
OC	3351.07	3333.39	3186.86	2914.80	2544.71	2095.23	1596.32	1056.72	475.90	46.56
OD	3351.07	3333.39	3186.86	2914.80	2544.71	2095.23	1596.32	1056.72	475.90	46.56



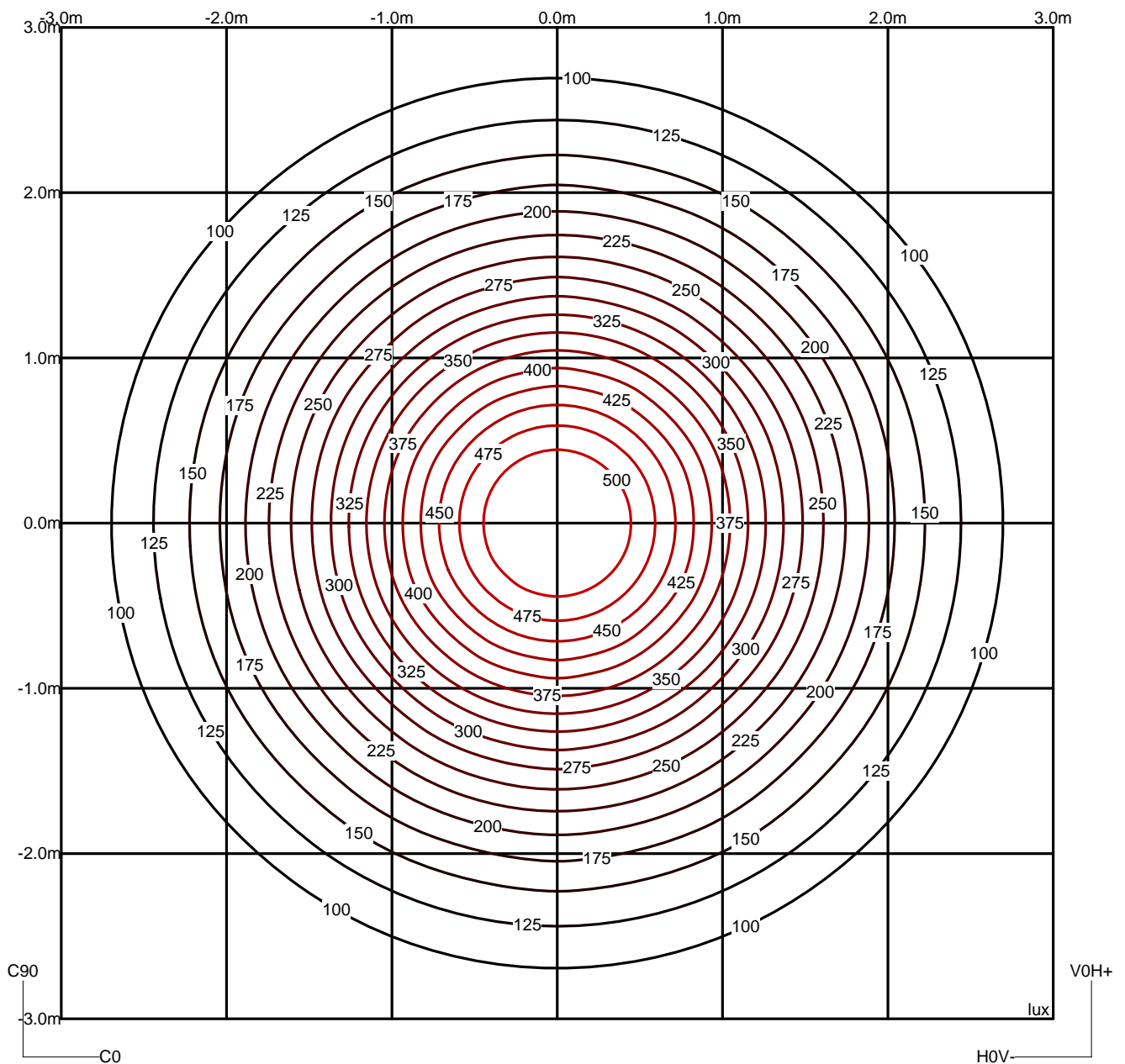
H[m]	D[m]	Max lux	Med lux	Alpha=53.5°+53.5°	G=0.0	
1.00	2.70	3351	905			
2.00	5.40	838	226			
3.00	8.10	372	101			
4.00	10.81	209	57			
5.00	13.51	134	36			

H[m]	D[m]	Max lux	Med lux	Beta=53.4°+53.4°	G=0.0	
1.00	2.69	3351	905			
2.00	5.39	838	226			
3.00	8.08	372	101			
4.00	10.78	209	57			
5.00	13.47	134	36			

Luminaria		Ensayo		Lámpara	
Código	SOHO 112 LED	Código	SOHO 112 LED	Código	SOHO 112 LED
Nombre	SOHO 112 LED difusor opal	Nombre	SOHO 112 LED difusor opal	Número	1
Familia	- MARSET	Fecha	29-04-2015	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	8836.02 lm
Valor Máximo	379.25 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

Isolux (Suelo)

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



Luminaria				Ensayo				Lámpara			
Código	SOHO 112 LED			Código	SOHO 112 LED			Código	SOHO 112 LED		
Nombre	SOHO 112 LED difusor opal			Nombre	SOHO 112 LED difusor opal			Número	1		
Familia	- MARSET			Fecha	29-04-2015			Posición	Universal		
Rendimiento	100.00%			Sist. de Coorden.	CG			Flujo Total	8836.02 lm		
Valor Máximo	379.25 cd/klm			Posición	C=0.00 G=0.00			Bisimétrico			

Utilización CIE

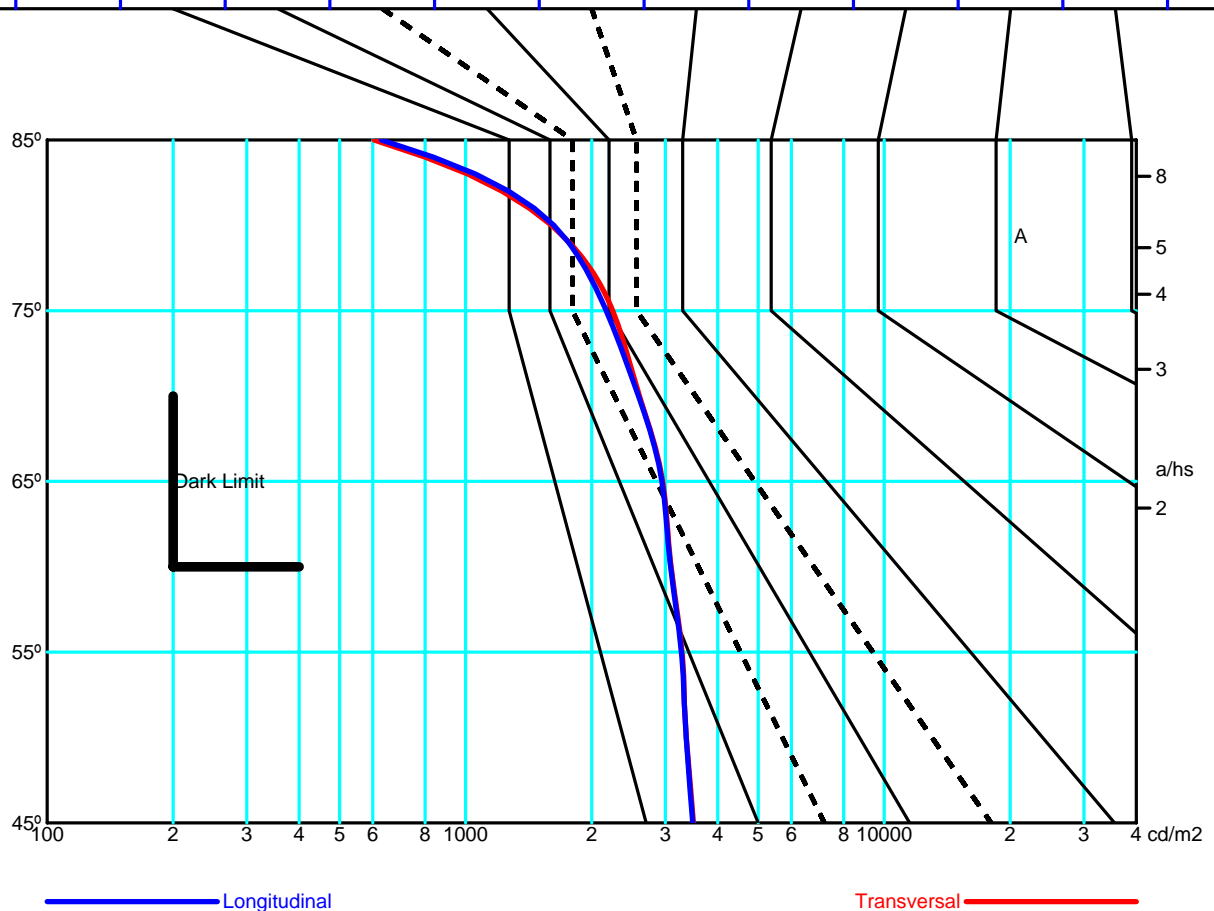
Montaje	Directo				Normalización				Normalizados				Raz. de Susp. 1/3				CIE Estándar							
Techo																								
K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000	
0.60	215	193	168	152	184	145	111	94	86	73	46	35	17	12	68	37	33	14	11	31	12	10	0	
0.80	249	228	179	165	217	157	139	122	98	86	55	44	23	17	81	46	42	20	16	40	17	15	0	
1.00	271	252	180	168	240	161	162	145	104	94	62	51	29	23	88	53	49	25	22	46	22	20	0	
1.25	291	274	177	168	261	161	186	169	109	100	68	58	36	29	94	59	55	32	28	53	28	25	0	
1.50	305	290	172	165	276	159	205	188	111	103	73	64	42	35	97	64	60	37	33	58	34	31	0	
2.00	322	310	161	156	296	151	233	218	112	105	79	71	52	44	100	71	68	47	43	65	43	40	0	
2.50	334	323	153	149	309	144	254	240	111	106	83	76	59	52	101	76	73	54	50	70	50	47	0	
3.00	342	333	146	143	318	139	269	257	111	107	86	80	65	58	102	80	77	60	56	74	56	53	0	
4.00	353	346	138	136	331	132	291	281	111	107	91	86	73	67	103	85	83	69	65	80	65	61	0	
5.00	361	355	133	131	340	128	306	297	110	108	94	89	78	73	104	88	86	74	71	84	71	67	0	
10.00	377	374	121	121	359	119	340	334	109	108	100	98	92	88	104	96	95	88	86	92	85	82	0	
20.00	385	384	115	114	369	113	359	356	108	107	104	102	99	97	105	100	100	96	95	97	93	91	0	
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	461	449	401	393	443	389	349	341	314	308	263	259	226	224	305	259	258	225	224	257	224	224	204	
0.80	517	504	436	428	495	422	403	394	352	347	302	297	265	262	342	297	295	263	261	294	261	260	237	
1.00	553	540	453	446	529	440	441	431	376	370	328	323	291	288	365	322	320	289	287	318	287	285	258	
1.25	583	571	465	459	557	452	475	465	395	389	350	345	315	311	383	344	341	312	310	338	309	307	277	
1.50	604	593	471	466	577	459	501	491	407	402	366	361	333	329	395	359	357	329	327	353	326	323	290	
2.00	623	614	467	463	595	456	530	519	414	410	379	374	350	346	401	371	369	345	343	364	341	337	301	
2.50	634	625	461	458	604	451	548	537	416	412	386	381	360	355	403	377	375	354	352	369	349	345	305	
3.00	638	630	454	451	608	444	558	548	414	411	388	383	365	360	401	379	377	358	356	370	352	347	306	
4.00	649	642	449	447	618	440	577	569	416	414	395	391	376	372	404	385	383	368	366	376	361	355	311	
5.00	656	651	447	445	626	438	591	583	419	416	401	397	384	380	406	390	389	376	373	381	368	361	315	
10.00	669	666	437	437	637	430	617	613	419	418	409	407	399	396	406	398	397	389	387	387	380	371	320	
20.00	661	660	417	417	629	410	618	616	405	404	399	398	394	392	392	387	387	383	382	376	372	362	309	
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	606	594	566	556	586	551	472	464	454	448	389	384	342	340	444	384	383	340	339	381	339	339	322	
0.80	715	701	658	649	689	641	575	564	548	541	482	476	432	429	535	475	473	429	428	471	428	426	409	
1.00	800	785	729	720	770	710	660	648	624	617	559	552	509	505	608	551	548	506	504	545	503	501	484	
1.25	879	865	792	784	845	774	742	729	695	688	634	626	585	580	677	624	621	580	578	616	577	574	557	
1.50	938	924	838	831	902	819	805	791	748	741	691	683	644	638	729	679	676	638	635	670	633	629	613	
2.00	1000	1000	902	896	984	884	900	886	825	819	776	769	735	729	805	763	760	727	723	752	720	714	699	
2.50	1000	1000	941	936	1000	924	963	950	874	869	832	825	796	789	853	817	814	786	782	805	777	770	756	
3.00	1000	1000	967	963	1000	951	1000	996	908	904	872	865	839	832	887	856	853	828	824	842	818	809	796	
4.00	1000	1000	998	995	1000	983	1000	1000	949	946	920	914	893	886	928	902	900	879	876	887	867	857	845	
5.00	1000	1000	1000	1000	1000	1000	1000	1000	974	971	949	944	926	920	952	931	929	911	908	915	898	886	874	
10.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	998	994	1000	991	989	979	977	972	963	947	936	
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	998	979	969	

LM53 SHR C0-C180: 1.214 SHR C90-C270: 1.214 SHR Superficial: 1.338

Luminaria		Ensayo		Lámpara	
Código	SOHO 112 LED	Código	SOHO 112 LED	Código	SOHO 112 LED
Nombre	SOHO 112 LED difusor opal	Nombre	SOHO 112 LED difusor opal	Número	1
Familia	- MARSET	Fecha	29-04-2015	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	8836.02 lm
Valor Máximo	379.25 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

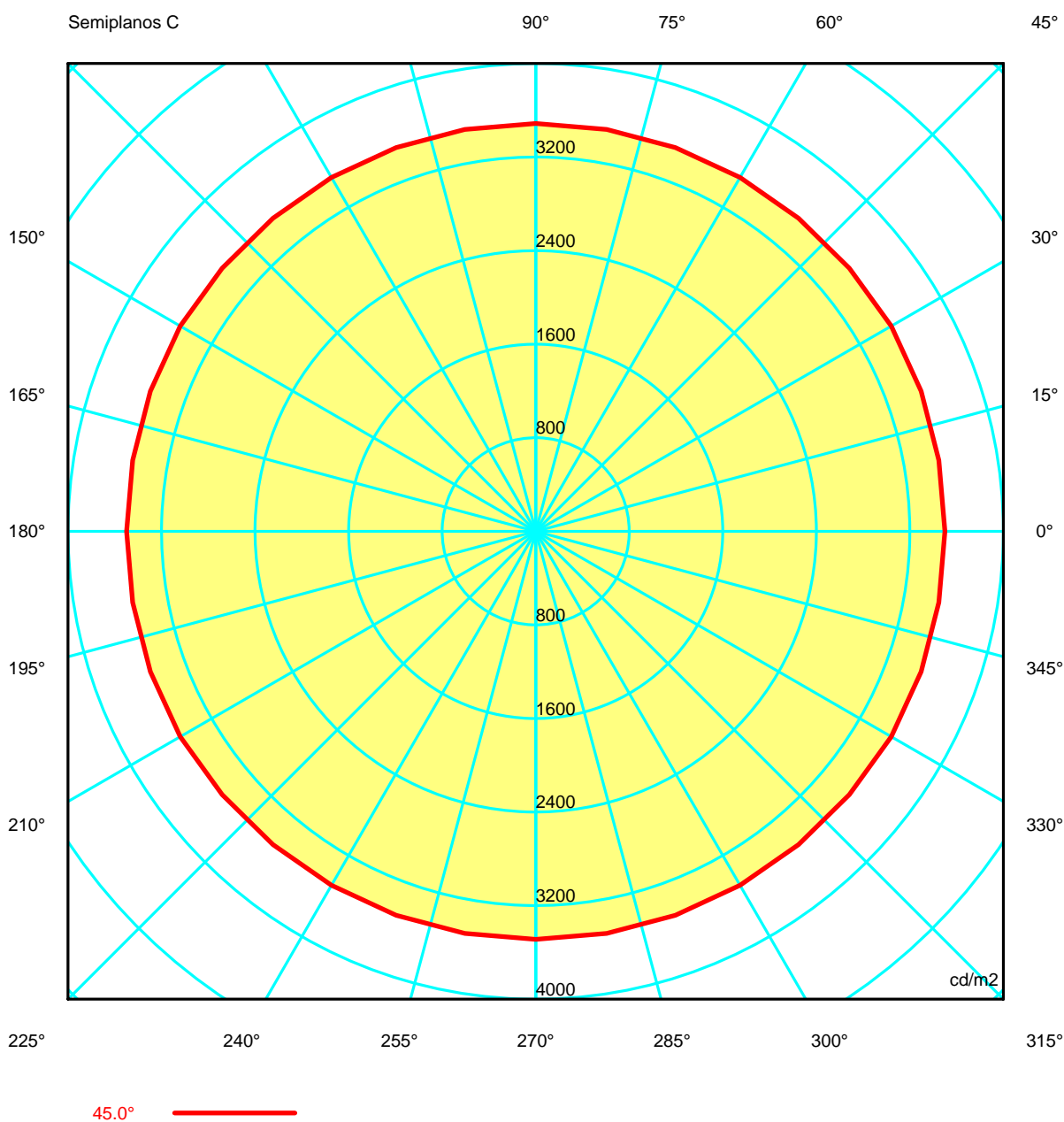
Luminancia Media [cd/m²]										
0.0°	45°	50°	55°	60°	65°	70°	75°	80°	85°	---
90.0°	3499	3365	3287	3095	2956	2602	2246	1604	604	---
	3488	3364	3276	3087	2943	2588	2165	1624	629	---

Flujo montado o vista longitudinal												
		Iluminancia (lx)										
A	A	2000	1000	750	500		<300					1.15
B	1		2000	1500	1000	750	500	<300				1.5
C					2000		1000	500	<300			1.85
D	2						2000	1000	500	<300		2.2
E	3							2000	1000	500	<300	2.55



Luminaria		Ensayo		Lámpara	
Código	SOHO 112 LED	Código	SOHO 112 LED	Código	SOHO 112 LED
Nombre	SOHO 112 LED difusor opal	Nombre	SOHO 112 LED difusor opal	Número	1
Familia	- MARSET	Fecha	29-04-2015	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	8836.02 lm
Valor Máximo	379.25 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

Luminancia



Luminaria				Ensayo				Lámpara					
Código	SOHO 112 LED			Código	SOHO 112 LED			Código	SOHO 112 LED				
Nombre	SOHO 112 LED difusor opal			Nombre	SOHO 112 LED difusor opal			Número	1				
Familia	- MARSET			Fecha	29-04-2015			Posición	Universal				
Rendimiento	100.00%			Sist. de Coordin.	CG			Flujo Total	8836.02 lm				
Valor Máximo	379.25 cd/klm			Posición	C=0.00 G=0.00			Bisimétrico					
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	3944.82	3944.82	3944.82	3944.82	3944.82	3944.82	3944.82	3944.82	3944.82	3944.82	3944.82	3944.82	3944.82
G 5.0	3938.27	3938.45	3938.84	3938.99	3938.29	3938.29	3938.74	3938.00	3937.85	3938.99	3937.85	3938.00	3938.74
G 10.0	3917.52	3917.68	3918.87	3919.75	3915.78	3914.55	3916.48	3914.73	3913.87	3916.13	3913.87	3914.73	3916.48
G 15.0	3884.60	3885.13	3887.13	3888.41	3885.37	3883.91	3884.05	3884.04	3883.94	3883.85	3883.94	3884.04	3884.05
G 20.0	3825.40	3832.63	3841.26	3843.24	3830.23	3828.18	3835.95	3828.31	3826.08	3838.44	3826.08	3828.31	3835.95
G 25.0	3788.59	3787.70	3789.98	3792.58	3789.63	3786.63	3786.06	3785.27	3785.11	3785.96	3785.11	3785.27	3786.06
G 30.0	3705.82	3716.81	3727.60	3728.42	3710.98	3708.95	3719.78	3709.97	3707.95	3726.07	3707.95	3709.97	3719.78
G 35.0	3658.45	3656.98	3661.15	3666.57	3658.52	3654.63	3657.93	3655.30	3653.72	3656.94	3653.72	3655.30	3657.93
G 40.0	3560.35	3569.07	3583.77	3588.20	3562.97	3560.78	3577.40	3559.36	3554.43	3583.08	3554.43	3559.36	3577.40
G 45.0	3499.38	3500.76	3507.09	3511.25	3501.38	3495.42	3494.13	3492.33	3490.23	3488.10	3490.23	3492.33	3494.13
G 50.0	3364.61	3358.34	3375.75	3395.81	3375.55	3362.66	3361.49	3358.48	3357.57	3363.67	3357.57	3358.48	3361.49
G 55.0	3286.83	3284.01	3291.31	3301.03	3287.61	3279.65	3278.67	3276.48	3274.70	3276.21	3274.70	3276.48	3278.67
G 60.0	3095.36	3088.65	3110.13	3133.40	3106.05	3090.23	3090.36	3088.83	3087.60	3086.68	3087.60	3088.83	3090.36
G 65.0	2955.85	2957.21	2965.96	2972.91	2961.19	2948.36	2945.64	2948.25	2948.18	2943.45	2948.18	2948.25	2945.64
G 70.0	2602.10	2602.50	2625.43	2657.06	2608.48	2583.97	2588.04	2598.90	2597.13	2588.14	2597.13	2598.90	2588.04
G 75.0	2246.23	2214.08	2243.60	2297.00	2274.56	2221.19	2196.37	2215.66	2212.29	2164.53	2212.29	2215.66	2196.37
G 80.0	1603.96	1617.63	1668.74	1729.78	1648.10	1610.13	1622.33	1635.63	1631.25	1623.88	1631.25	1635.63	1622.33
G 85.0	604.09	608.79	650.33	713.54	661.17	631.86	634.71	605.58	594.78	628.89	594.78	605.58	634.71
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaria		Ensayo		Lámpara	
Código	SOHO 112 LED	Código	SOHO 112 LED	Código	SOHO 112 LED
Nombre	SOHO 112 LED difusor opal	Nombre	SOHO 112 LED difusor opal	Número	1
Familia	- MARSET	Fecha	29-04-2015	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	8836.02 lm
Valor Máximo	379.25 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

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	3944.82	3944.82	3944.82	3944.82	3944.82	3944.82	3944.82	3944.82	3944.82	3944.82	3944.82	3944.82	3944.82
G 5.0	3938.29	3938.29	3938.99	3938.84	3938.45	3938.27	3938.45	3938.84	3938.99	3938.29	3938.29	3938.74	3938.00
G 10.0	3914.55	3915.78	3919.75	3918.87	3917.68	3917.52	3917.68	3918.87	3919.75	3915.78	3914.55	3916.48	3914.73
G 15.0	3883.91	3885.37	3888.41	3887.13	3885.13	3884.60	3885.13	3887.13	3888.41	3885.37	3883.91	3884.05	3884.04
G 20.0	3828.18	3830.23	3843.24	3841.26	3832.63	3825.40	3832.63	3841.26	3843.24	3830.23	3828.18	3835.95	3828.31
G 25.0	3786.63	3789.63	3792.58	3789.98	3787.70	3788.59	3787.70	3789.98	3792.58	3789.63	3786.63	3786.06	3785.27
G 30.0	3708.95	3710.98	3728.42	3727.60	3716.81	3705.82	3716.81	3727.60	3728.42	3710.98	3708.95	3719.78	3709.97
G 35.0	3654.63	3658.52	3666.57	3661.15	3656.98	3658.45	3656.98	3661.15	3666.57	3658.52	3654.63	3657.93	3655.30
G 40.0	3560.78	3562.97	3588.20	3583.77	3569.07	3560.35	3569.07	3583.77	3588.20	3562.97	3560.78	3577.40	3559.36
G 45.0	3495.42	3501.38	3511.25	3507.09	3500.76	3499.38	3500.76	3507.09	3511.25	3501.38	3495.42	3494.13	3492.33
G 50.0	3362.66	3375.55	3395.81	3375.75	3358.34	3364.61	3358.34	3375.75	3395.81	3375.55	3362.66	3361.49	3358.48
G 55.0	3279.65	3287.61	3301.03	3291.31	3284.01	3286.83	3284.01	3291.31	3301.03	3287.61	3279.65	3278.67	3276.48
G 60.0	3090.23	3106.05	3133.40	3110.13	3088.65	3095.36	3088.65	3110.13	3133.40	3106.05	3090.23	3090.36	3088.83
G 65.0	2948.36	2961.19	2972.91	2965.96	2957.21	2955.85	2957.21	2965.96	2972.91	2961.19	2948.36	2945.64	2948.25
G 70.0	2583.97	2608.48	2657.06	2625.43	2602.50	2602.10	2602.50	2625.43	2657.06	2608.48	2583.97	2588.04	2598.90
G 75.0	2221.19	2274.56	2297.00	2243.60	2214.08	2246.23	2214.08	2243.60	2297.00	2274.56	2221.19	2196.37	2215.66
G 80.0	1610.13	1648.10	1729.78	1668.74	1617.63	1603.96	1617.63	1668.74	1729.78	1648.10	1610.13	1622.33	1635.63
G 85.0	631.86	661.17	713.54	650.33	608.79	604.09	608.79	650.33	713.54	661.17	631.86	634.71	605.58
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaria		Ensayo		Lámpara	
Código	SOHO 112 LED	Código	SOHO 112 LED	Código	SOHO 112 LED
Nombre	SOHO 112 LED difusor opal	Nombre	SOHO 112 LED difusor opal	Número	1
Familia	- MARSET	Fecha	29-04-2015	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	8836.02 lm
Valor Máximo	379.25 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

		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	3944.82	3944.82	3944.82	3944.82	3944.82	3944.82	3944.82	3944.82	3944.82	3944.82	3944.82
G 5.0	3937.85	3938.99	3937.85	3938.00	3938.74	3938.29	3938.29	3938.29	3938.99	3938.84	3938.45
G 10.0	3913.87	3916.13	3913.87	3914.73	3916.48	3914.55	3915.78	3919.75	3919.75	3918.87	3917.68
G 15.0	3883.94	3883.85	3883.94	3884.04	3884.05	3883.91	3885.37	3888.41	3887.13	3885.13	3885.13
G 20.0	3826.08	3838.44	3826.08	3828.31	3835.95	3828.18	3830.23	3843.24	3841.26	3832.63	3832.63
G 25.0	3785.11	3785.96	3785.11	3785.27	3786.06	3786.63	3789.63	3792.58	3789.98	3787.70	3787.70
G 30.0	3707.95	3726.07	3707.95	3709.97	3719.78	3708.95	3710.98	3728.42	3727.60	3716.81	3716.81
G 35.0	3653.72	3656.94	3653.72	3655.30	3657.93	3654.63	3658.52	3666.57	3661.15	3656.98	3656.98
G 40.0	3554.43	3583.08	3554.43	3559.36	3577.40	3560.78	3562.97	3588.20	3583.77	3569.07	3569.07
G 45.0	3490.23	3488.10	3490.23	3492.33	3494.13	3495.42	3501.38	3511.25	3507.09	3500.76	3500.76
G 50.0	3357.57	3363.67	3357.57	3358.48	3361.49	3362.66	3375.55	3395.81	3375.75	3358.34	3358.34
G 55.0	3274.70	3276.21	3274.70	3276.48	3278.67	3279.65	3287.61	3301.03	3291.31	3284.01	3284.01
G 60.0	3087.60	3086.68	3087.60	3088.83	3090.36	3090.23	3106.05	3133.40	3110.13	3088.65	3088.65
G 65.0	2948.18	2943.45	2948.18	2948.25	2945.64	2948.36	2961.19	2972.91	2965.96	2957.21	2957.21
G 70.0	2597.13	2588.14	2597.13	2598.90	2588.04	2583.97	2608.48	2657.06	2625.43	2602.50	2602.50
G 75.0	2212.29	2164.53	2212.29	2215.66	2196.37	2221.19	2274.56	2297.00	2243.60	2214.08	2214.08
G 80.0	1631.25	1623.88	1631.25	1635.63	1622.33	1610.13	1648.10	1729.78	1668.74	1617.63	1617.63
G 85.0	594.78	628.89	594.78	605.58	634.71	631.86	661.17	713.54	650.33	608.79	608.79
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00