Luminaria		Ensayo		Lámpara	
Código	26401201xx	Código	26401201xx	Código	26401201xx
Nombre	Suspensión SYRA-45 leds17W bl	Nombre	Suspensión SYRA-45 leds 17W	Número	1
Familia	- BOVER	Fecha	13-11-2014	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	1015.83 lm
Valor Máximo	466.80 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

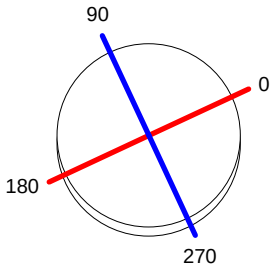
Luminaria Redonda	Diam.	450 mm	Altura	325 mm	
Área Luminosa Redonda	Diam.	450 mm	Altura	325 mm	
Área Luminosa Horizontal	0.159043 m2		Área Emisión sobre Pl. 180°	0.146250 m2	
Área Emisión sobre Pl. 0°	0.146250 m2		Área Emisión sobre Pl. 270°	0.146250 m2	
Área Emisión sobre Pl. 90°	0.146250 m2		Área de deslumbramiento a 76°	0.180382 m2	
Tipo de Simetría	Bisimétrico		Máximo Ángulo Gamma	180	
Distancia de Ensayo	6.44		Flujo de Ensayo	1015.83 lm	
Operador	Asselum T2		Tensión de alimentación	230.00 V	
Temperatura	20.00 °C		Corriente de alimentación		
Humedad	52.00 %		Fotocélula	Prc	
Notas					

Lámparas de la Luminaria

Familia	Código	Nombre	Flujo [lm]	Pot. [W]	Cant.
- BOVER	26401201xx	Lámpara leds 17W 2700K	1015.83	17.00	1

C.I.E.	64 83 94 90 100	D DIN 5040	B51
F UTE	0.90 C + 0.10 T	B NBN	BZ 3 / 2.5 / BZ 4

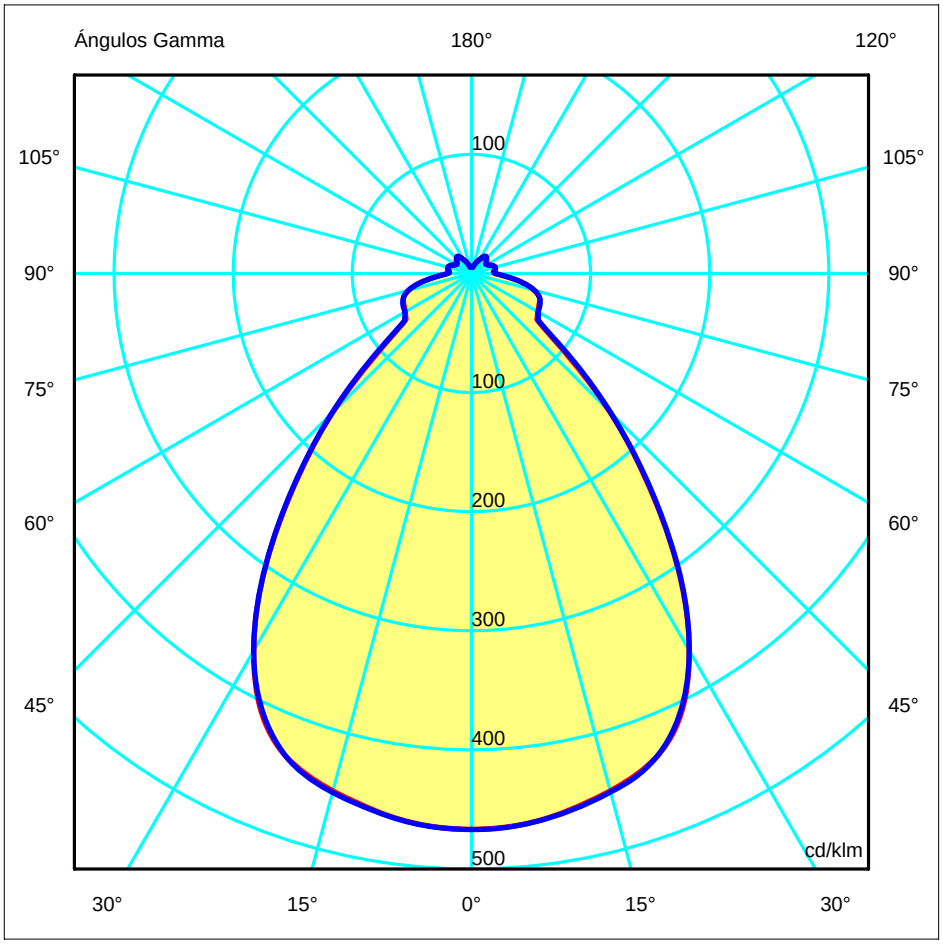
Diam=450mm



Semiplanos C

180.0 — 0.0

270.0 — 90.0



ULOR	10.43 %
DLOR	89.57 %
RN	10.43 %

Luminaria		**Ensayo**		**Lámpara**	
Código	26401201xx	Código	26401201xx	Código	26401201xx
Nombre	Suspensión SYRA-45 leds17W bl	Nombre	Suspensión SYRA-45 leds 17W	Número	1
Familia	- BOVER	Fecha	13-11-2014	Posición	Universal

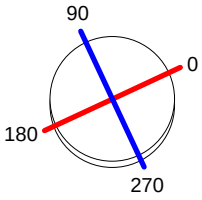
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	1015.83 lm

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	466.80	466.80	466.80	466.80	466.80	466.80	466.80
G 5.0	464.81	465.00	465.48	465.04	465.15	464.91	465.10
G 10.0	458.48	459.19	459.75	458.63	458.72	458.57	458.97
G 15.0	449.62	450.14	451.47	450.79	450.89	450.85	450.95
G 20.0	437.86	436.53	439.24	437.29	436.42	437.32	438.43
G 25.0	412.78	411.32	414.96	412.05	411.42	412.52	411.17
G 30.0	365.60	364.61	372.40	366.67	369.11	367.23	365.58
G 35.0	302.26	303.71	314.52	303.39	302.42	304.06	302.95
G 40.0	230.26	233.59	242.05	234.06	237.68	237.14	231.41
G 45.0	164.35	160.42	168.62	161.05	158.21	160.80	166.00
G 50.0	101.13	101.31	104.37	101.53	103.01	101.63	105.35
G 55.0	67.04	67.47	67.48	66.84	68.25	66.91	68.31
G 60.0	64.18	64.64	64.75	64.73	64.77	64.97	64.58
G 65.0	62.50	63.04	63.19	63.28	63.66	63.41	63.41
G 70.0	60.91	60.48	61.31	60.78	61.09	60.70	60.97
G 75.0	54.63	54.16	55.68	54.96	54.94	55.14	54.85
G 80.0	43.44	42.55	44.07	42.48	41.87	42.70	43.30
G 85.0	29.57	29.97	30.73	29.67	29.37	29.68	29.35
G 90.0	20.08	20.42	20.36	19.92	20.26	19.83	19.99
G 95.0	18.51	18.71	18.34	18.36	18.67	18.52	18.87
G100.0	20.16	20.13	20.02	20.04	19.92	20.12	20.25
G105.0	20.69	20.85	20.77	20.57	20.08	20.34	20.60
G110.0	19.47	19.58	19.58	19.09	18.31	18.50	18.98
G115.0	17.10	16.97	17.05	16.68	15.77	15.81	16.57
G120.0	15.11	15.02	14.97	14.77	14.08	14.08	14.70
G125.0	15.28	15.11	14.72	14.73	14.30	14.35	14.48
G130.0	16.70	16.70	16.31	16.28	16.21	16.06	15.94
G135.0	18.08	18.25	17.97	17.73	17.59	17.46	17.57
G140.0	18.65	19.27	19.17	18.88	18.73	19.12	18.78
G145.0	17.26	17.44	17.91	17.08	16.80	16.88	16.64
G150.0	13.77	13.91	14.12	13.55	13.67	13.41	13.17
G155.0	11.45	11.23	11.21	11.06	10.89	10.71	10.72
G160.0	8.62	8.47	8.49	8.73	8.36	8.37	8.32
G165.0	6.39	6.48	6.60	6.39	6.31	6.43	6.32
G170.0	5.17	5.34	5.35	5.23	5.32	5.31	5.21
G175.0	5.71	5.48	5.52	5.47	5.88	5.61	5.82
G180.0	5.96	5.77	5.80	5.90	5.85	5.85	6.00

Luminaria		**Ensayo**		**Lámpara**	
Código	26401201xx	Código	26401201xx	Código	26401201xx
Nombre	Suspensión SYRA-45 leds17W bl	Nombre	Suspensión SYRA-45 leds 17W	Número	1
Familia	- BOVER	Fecha	13-11-2014	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	1015.83 lm

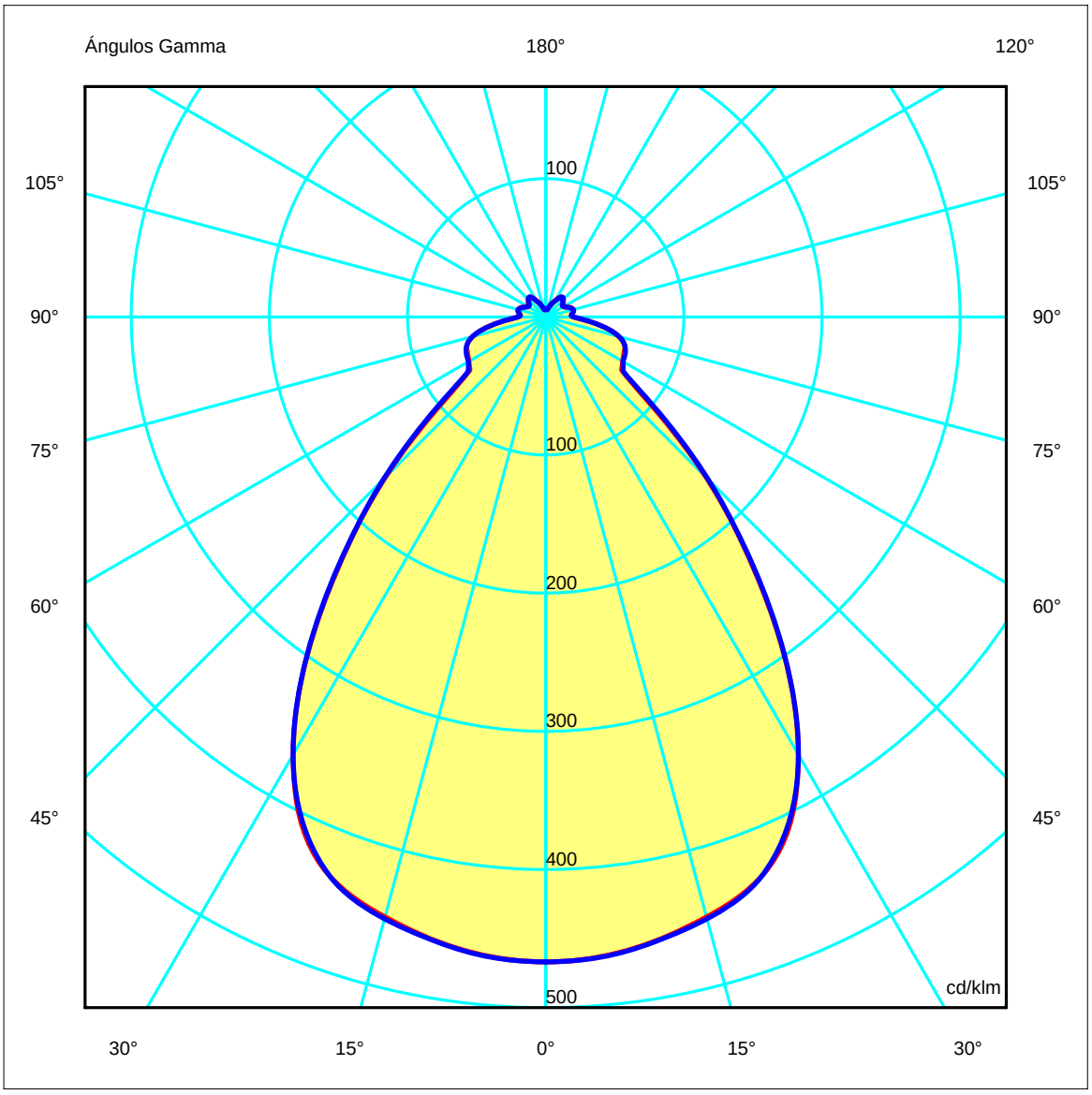
Diam=450mm



Semiplanos C

180.0 — 0.0

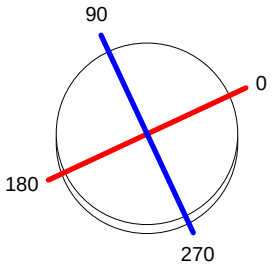
270.0 — 90.0



Luminaria		Ensayo		Lámpara	
Código	26401201xx	Código	26401201xx	Código	26401201xx
Nombre	Suspensión SYRA-45 leds17W bl	Nombre	Suspensión SYRA-45 leds 17W	Número	1
Familia	- BOVER	Fecha	13-11-2014	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	1015.83 lm

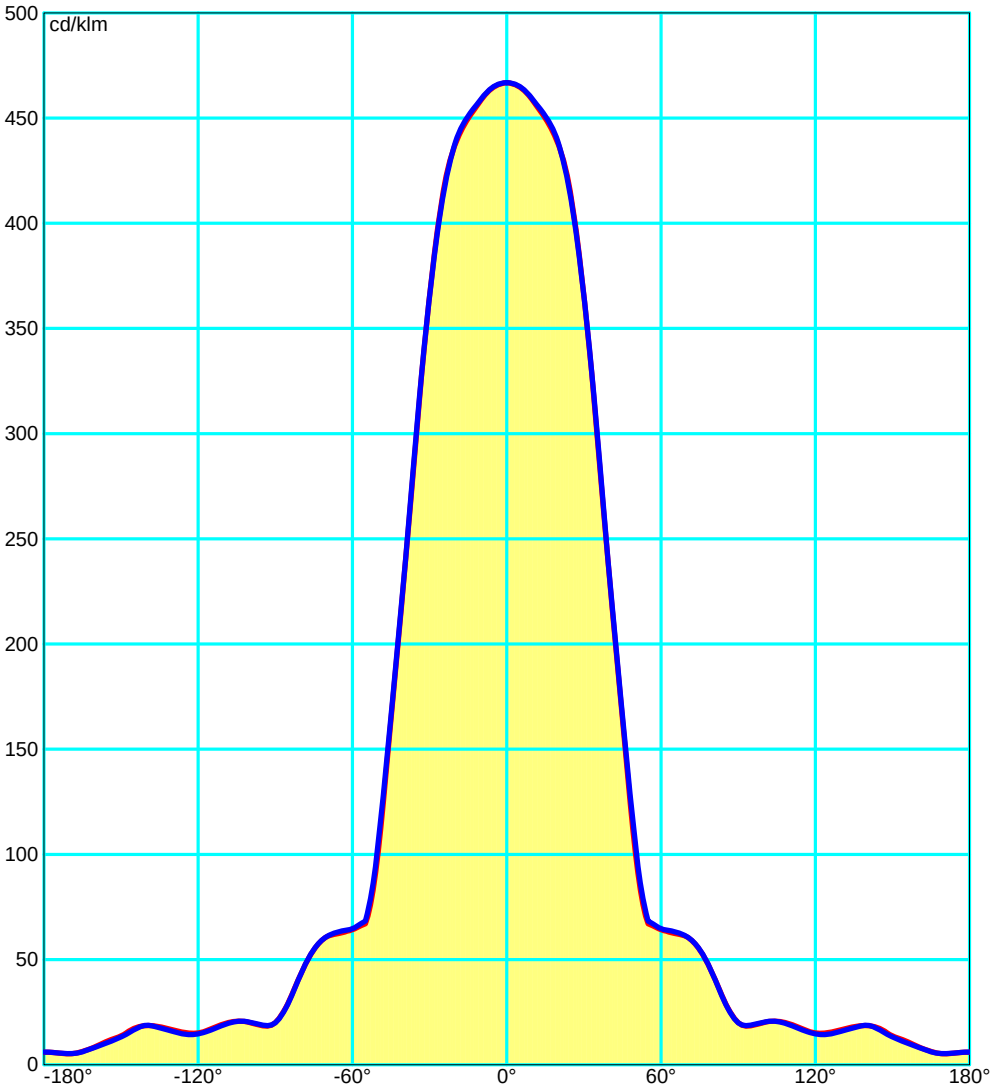
Diam=450mm



Semiplanos C

180.0 — 0.0

270.0 — 90.0



Luminaria		Ensayo		Lámpara	
Código	26401201xx	Código	26401201xx	Código	26401201xx
Nombre	Suspensión SYRA-45 leds17W bl	Nombre	Suspensión SYRA-45 leds 17W	Número	1
Familia	- BOVER	Fecha	13-11-2014	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	1015.83 lm

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	7.7	8.7	8.1	9.1	9.5	7.7	8.7	8.1	9.1	9.5
x=2H y=3H	9.0	9.9	9.5	10.4	10.8	9.0	9.9	9.5	10.4	10.8
x=2H y=4H	9.8	10.6	10.2	11.1	11.6	9.8	10.6	10.3	11.1	11.6
x=2H y=6H	10.4	11.2	10.9	11.7	12.2	10.4	11.2	10.9	11.7	12.2
x=2H y=8H	10.7	11.4	11.2	11.9	12.5	10.7	11.5	11.2	11.9	12.5
x=2H y=12H	10.8	11.6	11.4	12.1	12.6	10.9	11.6	11.4	12.1	12.6
x=4H y=2H	8.1	9.0	8.6	9.4	9.9	8.1	9.0	8.6	9.4	9.9
x=4H y=3H	9.7	10.5	10.3	11.0	11.5	9.7	10.5	10.3	11.0	11.5
x=4H y=4H	10.7	11.4	11.2	11.9	12.5	10.7	11.4	11.3	11.9	12.5
x=4H y=6H	11.5	12.1	12.1	12.6	13.3	11.5	12.1	12.1	12.7	13.3
x=4H y=8H	11.8	12.4	12.4	12.9	13.6	11.8	12.4	12.4	12.9	13.6
x=4H y=12H	12.1	12.6	12.7	13.1	13.8	12.1	12.6	12.7	13.1	13.8
x=8H y=4H	11.1	11.6	11.7	12.2	12.8	11.1	11.6	11.7	12.2	12.8
x=8H y=6H	12.1	12.5	12.7	13.1	13.8	12.1	12.5	12.7	13.1	13.8
x=8H y=8H	12.5	12.9	13.1	13.5	14.2	12.5	12.9	13.1	13.5	14.2
x=8H y=12H	12.9	13.2	13.5	13.8	14.5	12.8	13.2	13.5	13.8	14.5
x=12H y=4H	11.1	11.6	11.7	12.2	12.9	11.2	11.6	11.7	12.2	12.9
x=12H y=6H	12.2	12.6	12.8	13.2	13.9	12.2	12.6	12.8	13.2	13.9
x=12H y=8H	12.7	13.0	13.3	13.6	14.3	12.6	13.0	13.3	13.6	14.3

Luminaria		**Ensayo**		**Lámpara**	
Código	26401201xx	Código	26401201xx	Código	26401201xx
Nombre	Suspensión SYRA-45 leds17W bl	Nombre	Suspensión SYRA-45 leds 17W	Número	1
Familia	- BOVER	Fecha	13-11-2014	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	1015.83 lm

Flujo Total=1015.83 Flujo Luminaria=1015.82

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	0.45	0.51	0.57	0.63	0.67	0.74	0.79	0.82	0.86	0.88	0.94	0.97
RC	3	3	3	3	3	3	3	3	3	4	4	3

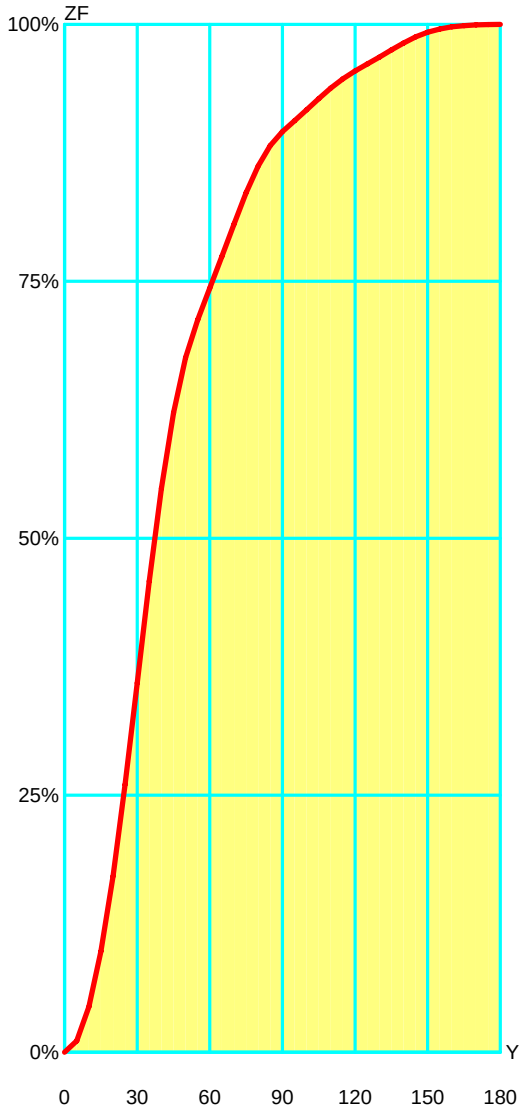
Flujo Zonal por 1000 Lúmenes

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	44	171	359	549	676	743	806	862	896	917	938	955	968	982	992	998	999	1000

Códigos de Flujo C.I.E.

64 83 94 90 100

C.I.E.	3/3/3/3/3/3/3/3/4/4/3	LOR	99.99941 %
D DIN 5040	B51	ULOR	10.43052 %
F UTE	0.90 C + 0.10 T	DLOR	89.56889 %
B NBN	BZ 3 / 2.5 / BZ 4	UFF	10.43058 %
RN	10.43058 %	DFF	89.56942 %
BLF	1.0	FFR	11.64524 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	11.14	11.14	1.11 %	1.11 %
10°	33.06	44.20	3.31 %	4.42 %
15°	53.96	98.16	5.40 %	9.82 %
20°	73.20	171.36	7.32 %	17.14 %
25°	89.14	260.49	8.91 %	26.05 %
30°	98.71	359.20	9.87 %	35.92 %
35°	99.06	458.26	9.91 %	45.83 %
40°	90.26	548.53	9.03 %	54.85 %
45°	73.74	622.27	7.37 %	62.23 %
50°	53.53	675.80	5.35 %	67.58 %
55°	36.95	712.75	3.70 %	71.28 %
60°	30.54	743.29	3.05 %	74.33 %
65°	31.11	774.40	3.11 %	77.44 %
70°	31.43	805.84	3.14 %	80.58 %
75°	30.27	836.11	3.03 %	83.61 %
80°	26.16	862.27	2.62 %	86.23 %
85°	19.74	882.01	1.97 %	88.20 %
90°	13.68	895.69	1.37 %	89.57 %
95°	10.59	906.28	1.06 %	90.63 %
100°	10.49	916.77	1.05 %	91.68 %
105°	10.87	927.64	1.09 %	92.76 %
110°	10.35	937.99	1.03 %	93.80 %
115°	9.01	947.00	0.90 %	94.70 %
120°	7.57	954.57	0.76 %	95.46 %
125°	6.78	961.35	0.68 %	96.14 %
130°	6.74	968.09	0.67 %	96.81 %
135°	6.89	974.98	0.69 %	97.50 %
140°	6.81	981.79	0.68 %	98.18 %
145°	6.03	987.82	0.60 %	98.78 %
150°	4.55	992.37	0.45 %	99.24 %
155°	3.13	995.50	0.31 %	99.55 %
160°	2.05	997.54	0.20 %	99.75 %
165°	1.23	998.77	0.12 %	99.88 %
170°	0.70	999.47	0.07 %	99.95 %
175°	0.39	999.86	0.04 %	99.99 %
180°	0.14	999.99	0.01 %	100.00 %

Luminaria		Ensayo		Lámpara	
Código	26401201xx	Código	26401201xx	Código	26401201xx
Nombre	Suspensión SYRA-45 leds17W bl	Nombre	Suspensión SYRA-45 leds 17W	Número	1
Familia	- BOVER	Fecha	13-11-2014	Posición	Universal

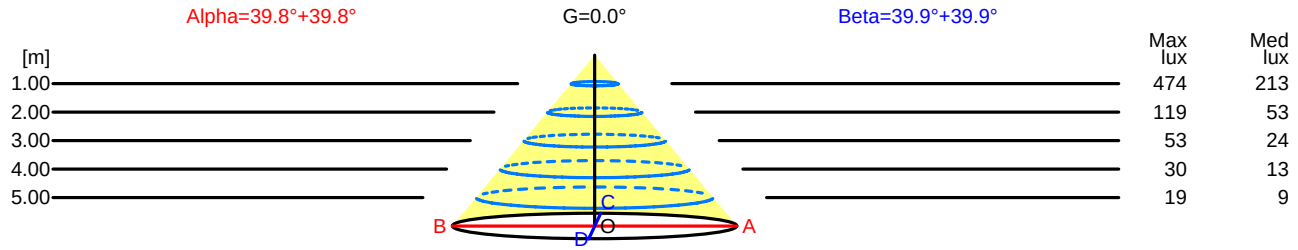
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	1015.83 lm

Apertura a 50.00 % de Max Intensidad

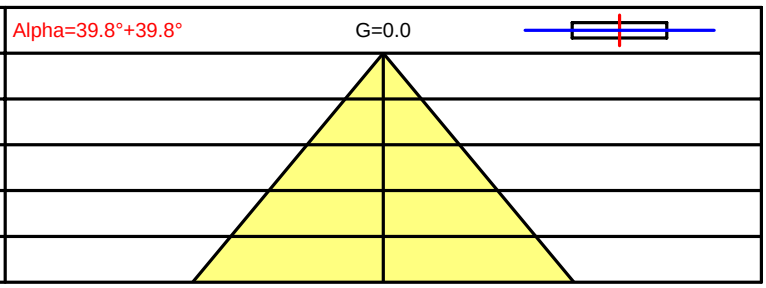
H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	0.83	1.67	2.50	3.33	4.16	OC	0.83	1.67	2.50	3.34	4.17
OB	0.83	1.67	2.50	3.33	4.16	OD	0.83	1.67	2.50	3.34	4.17

Intensidades Luminosas [cd/klm]

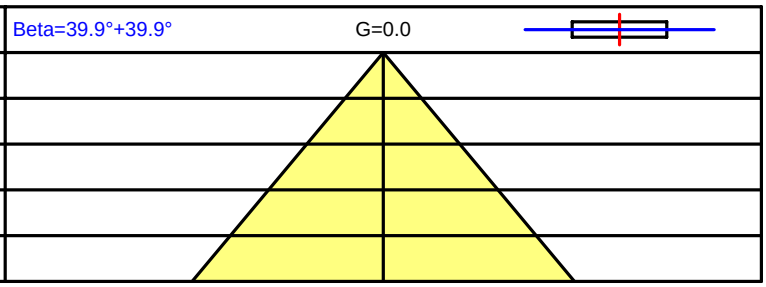
	0	5	15	25	35	45	55	65	75	85
OA	474.19	472.17	456.74	419.32	307.05	166.96	68.10	63.49	55.50	30.04
OB	474.19	472.17	456.74	419.32	307.05	166.96	68.10	63.49	55.50	30.04
OC	474.19	472.46	458.08	417.68	307.74	168.63	69.39	64.42	55.72	29.81
OD	474.19	472.46	458.08	417.68	307.74	168.63	69.39	64.42	55.72	29.81



H[m]	D[m]	Max lux	Med lux
1.00	1.67	474	213
2.00	3.33	119	53
3.00	5.00	53	24
4.00	6.66	30	13
5.00	8.33	19	9



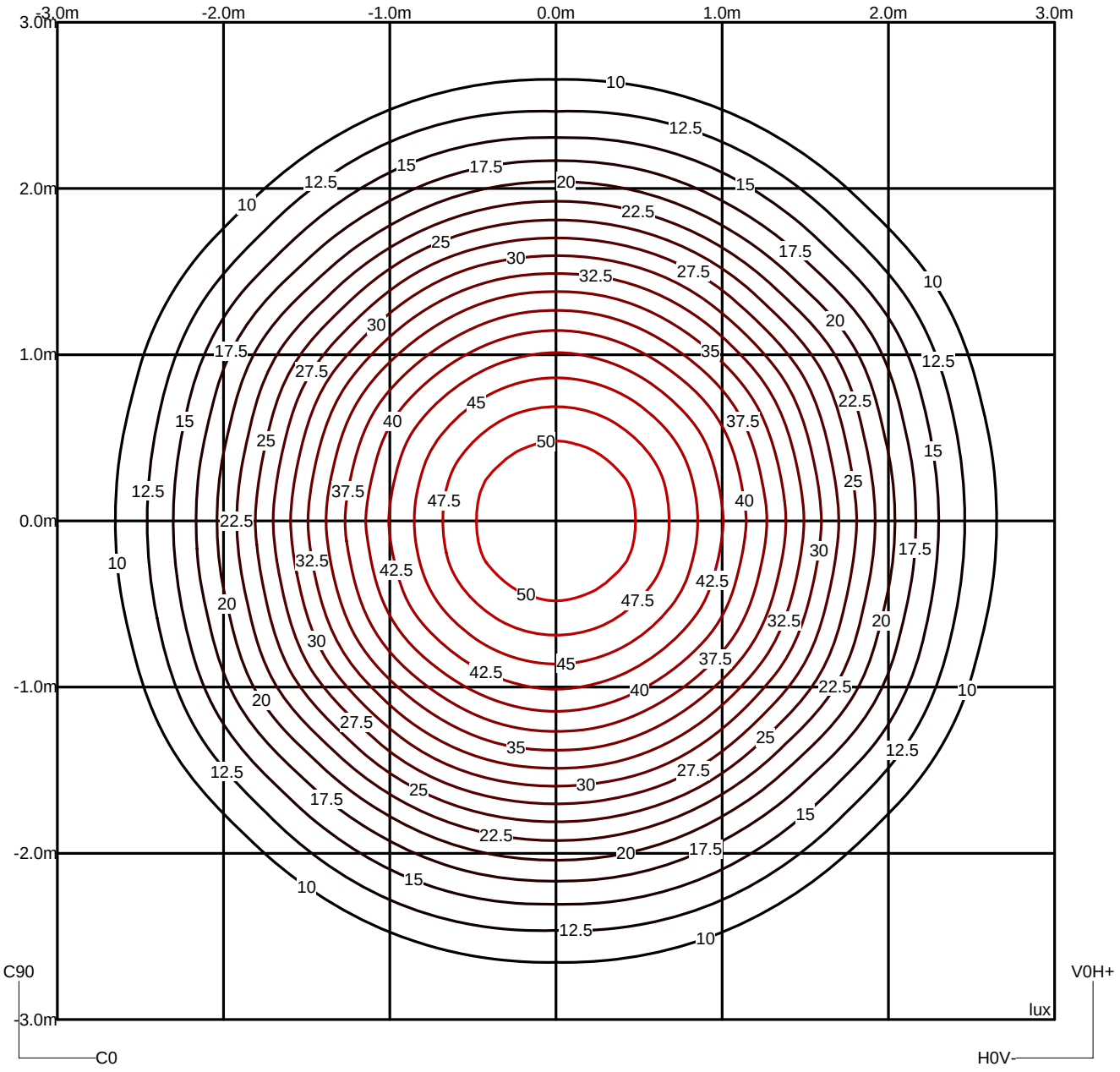
H[m]	D[m]	Max lux	Med lux
1.00	1.67	474	213
2.00	3.34	119	53
3.00	5.01	53	24
4.00	6.68	30	13
5.00	8.35	19	9



Luminaria		Ensayo		Lámpara	
Código	26401201xx	Código	26401201xx	Código	26401201xx
Nombre	Suspensión SYRA-45 leds17W bl	Nombre	Suspensión SYRA-45 leds 17W	Número	1
Familia	- BOVER	Fecha	13-11-2014	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	1015.83 lm

Isolux (Suelo)

Posición Luminaria X=0.00m Y=0.00m Z=3.00m



Luminaria		**Ensayo**		**Lámpara**	
Código	26401201xx	Código	26401201xx	Código	26401201xx
Nombre	Suspensión SYRA-45 leds17W bl	Nombre	Suspensión SYRA-45 leds 17W	Número	1
Familia	- BOVER	Fecha	13-11-2014	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	1015.83 lm

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	270	243	219	198	231	189	170	144	141	120	109	82	86	58	112	88	78	70	56	74	59	51	39
0.80	310	284	236	218	270	208	204	179	159	140	125	99	99	72	131	104	94	83	69	89	71	63	46
1.00	337	313	243	227	298	217	231	206	171	153	136	112	109	84	144	116	106	94	80	101	82	73	52
1.25	361	340	246	233	324	224	259	235	180	165	146	125	119	96	155	127	118	105	91	113	93	84	58
1.50	379	360	247	236	343	227	281	258	186	173	154	134	128	106	163	136	128	114	101	122	103	93	63
2.00	402	387	243	235	369	227	313	293	193	182	165	148	141	121	173	149	141	128	117	135	117	108	70
2.50	417	404	239	233	386	226	336	318	197	188	172	157	150	133	178	157	151	139	128	145	128	120	75
3.00	428	416	235	230	398	224	353	337	199	191	177	164	158	142	182	163	158	146	137	152	137	128	78
4.00	442	433	231	228	414	222	378	364	202	196	184	174	168	155	188	172	168	158	150	162	149	141	83
5.00	452	444	229	226	425	221	394	382	204	199	188	180	174	163	191	178	174	165	158	168	157	150	87
10.00	471	467	221	220	448	216	430	423	207	204	198	193	190	183	198	190	188	183	179	183	176	170	95
20.00	480	478	216	215	459	212	450	446	207	206	203	201	199	195	201	197	196	193	191	191	187	182	99

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	394	379	329	319	371	313	293	281	252	243	212	201	182	173	239	203	199	176	171	197	172	169	149
0.80	448	432	363	353	421	345	342	329	288	278	247	235	216	205	271	236	231	208	203	228	203	198	175
1.00	482	467	381	371	453	362	378	363	310	300	270	258	240	228	291	257	253	230	224	248	223	218	191
1.25	516	501	396	388	483	378	413	398	330	321	293	281	264	251	310	279	274	253	246	267	244	237	208
1.50	540	527	407	400	507	389	440	425	346	337	311	299	282	270	324	295	290	270	264	282	261	253	220
2.00	567	555	412	406	531	395	473	459	359	351	329	318	303	291	337	311	307	290	283	297	278	268	232
2.50	583	572	413	408	546	397	495	482	366	360	340	330	317	305	343	321	317	302	295	305	289	277	238
3.00	592	583	412	408	555	396	509	497	369	363	346	336	325	314	346	326	323	309	303	310	295	282	241
4.00	613	605	417	414	575	402	536	525	380	376	361	353	343	333	357	341	337	326	320	323	310	296	252
5.00	627	620	422	420	588	407	556	546	389	385	372	365	357	348	365	351	348	338	333	332	321	306	260
10.00	656	652	429	428	616	415	597	591	405	403	395	391	386	380	381	373	371	365	361	352	345	327	277
20.00	655	653	416	416	615	403	605	601	398	396	392	390	387	384	374	369	368	365	363	347	344	324	271

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	660	644	615	603	634	596	538	526	518	509	466	455	428	419	502	455	452	421	416	449	416	413	399
0.80	750	732	691	678	717	668	620	605	592	581	537	524	497	484	570	523	518	487	481	513	479	474	459
1.00	823	804	750	738	785	725	691	674	653	641	600	585	559	544	628	582	577	546	539	569	536	529	513
1.25	889	871	801	790	847	775	757	739	709	697	658	642	618	601	681	637	631	602	593	621	590	580	563
1.50	939	922	839	829	894	812	809	790	752	740	703	687	664	646	720	679	673	645	636	660	630	618	602
2.00	1000	997	893	884	964	866	889	871	815	805	773	757	737	719	780	745	739	715	705	722	696	680	664
2.50	1000	1000	927	919	1000	900	944	926	857	847	820	805	787	770	820	789	783	762	753	763	740	722	705
3.00	1000	1000	950	944	1000	924	984	967	886	878	853	839	824	807	848	821	815	797	788	793	773	752	735
4.00	1000	1000	977	973	1000	952	1000	1000	921	914	894	882	870	854	881	859	854	839	830	828	811	787	770
5.00	1000	1000	994	990	1000	969	1000	1000	943	937	920	909	899	885	902	883	879	866	858	851	836	809	792
10.00	1000	1000	1000	1000	1000	1000	1000	1000	990	987	977	971	964	956	948	937	934	927	922	900	891	859	840
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	998	973	968	966	962	959	928	924	887	869

LM53 SHR C0-C180: 1.166 SHR C90-C270: 1.166 SHR Superficial: 1.147

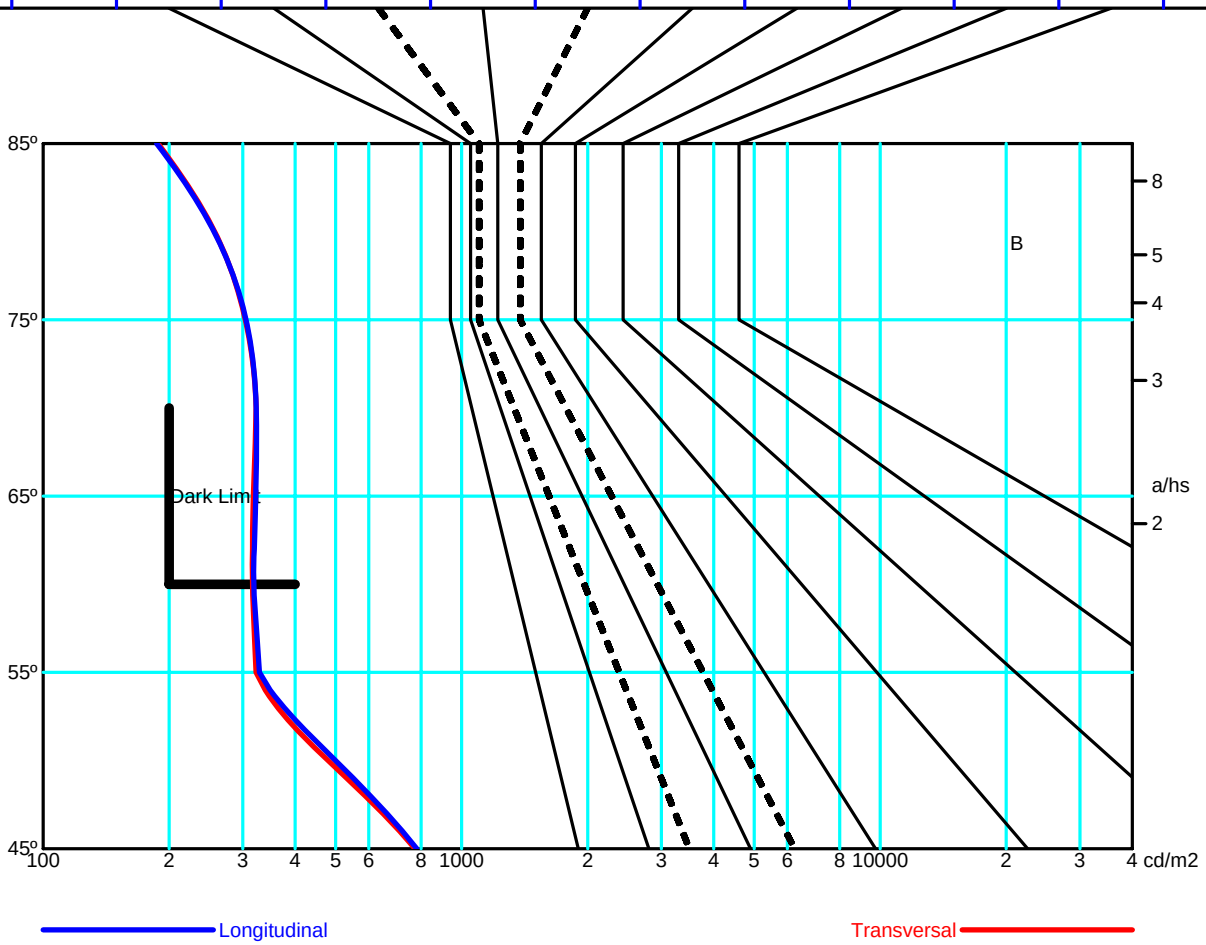
Luminaria		Ensayo		Lámpara	
Código	26401201xx	Código	26401201xx	Código	26401201xx
Nombre	Suspensión SYRA-45 leds17W bl	Nombre	Suspensión SYRA-45 leds 17W	Número	1
Familia	- BOVER	Fecha	13-11-2014	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	1015.83 lm

Luminancia Media [cd/m²]

	45°	50°	55°	60°	65°	70°	75°	80°	85°	
0.0°	773	479	323	316	318	323	304	257	188	---
90.0°	781	499	329	318	322	323	305	256	187	---

Flujo montado o vista transversal

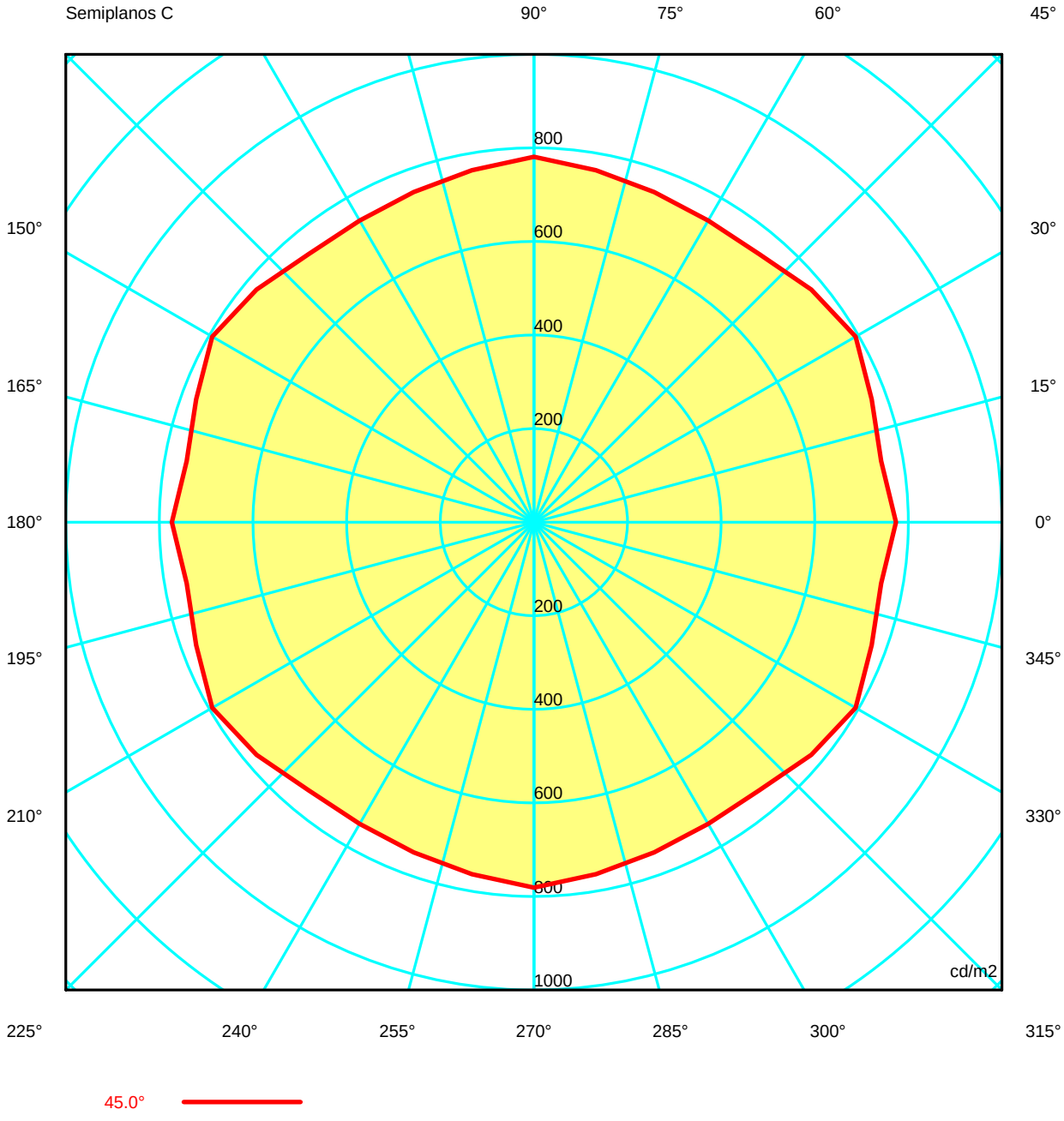
		Iluminancia (lx)										
A	A	2000	1000	750	500		<300					1.15
B	1		2000	1500	1000	750	500	<300				1.5
C					2000		1000	500	<300			1.85
D	2						2000	1000	500	<300		2.2
E	3							2000	1000	500	<300	2.55



Luminaria		Ensayo		Lámpara	
Código	26401201xx	Código	26401201xx	Código	26401201xx
Nombre	Suspensión SYRA-45 leds17W bl	Nombre	Suspensión SYRA-45 leds 17W	Número	1
Familia	- BOVER	Fecha	13-11-2014	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	1015.83 lm

Luminancia



Luminaria		**Ensayo**		**Lámpara**	
Código	26401201xx	Código	26401201xx	Código	26401201xx
Nombre	Suspensión SYRA-45 leds17W bl	Nombre	Suspensión SYRA-45 leds 17W	Número	1
Familia	- BOVER	Fecha	13-11-2014	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	1015.83 lm

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	2981.50	2981.50	2981.50	2981.50	2981.50	2981.50	2981.50	2981.50	2981.50	2981.50	2981.50	2981.50	2981.50
G 5.0	2758.23	2758.64	2760.55	2762.20	2760.47	2759.57	2760.26	2759.31	2758.87	2759.96	2758.87	2759.31	2760.26
G 10.0	2558.66	2561.11	2564.43	2565.78	2561.51	2559.68	2560.02	2559.42	2559.50	2561.43	2559.50	2559.42	2560.02
G 15.0	2385.37	2386.46	2390.81	2395.14	2393.05	2391.73	2392.09	2391.96	2391.92	2392.38	2391.92	2391.96	2392.09
G 20.0	2229.83	2222.62	2227.51	2236.89	2231.62	2223.84	2222.49	2225.17	2229.04	2232.73	2229.04	2225.17	2222.49
G 25.0	2036.03	2027.81	2034.84	2046.73	2038.68	2028.91	2029.30	2033.71	2033.78	2028.05	2033.78	2033.71	2029.30
G 30.0	1761.31	1751.89	1770.27	1794.07	1776.18	1766.57	1778.18	1774.22	1765.42	1761.20	1765.42	1774.22	1778.18
G 35.0	1433.68	1438.26	1460.95	1491.81	1459.44	1437.50	1434.46	1441.16	1441.52	1436.94	1441.52	1441.16	1434.46
G 40.0	1083.67	1089.28	1116.20	1139.17	1113.92	1107.25	1118.62	1121.16	1108.41	1089.10	1108.41	1121.16	1118.62
G 45.0	773.40	753.31	767.90	793.46	773.36	748.27	744.49	750.88	763.96	781.13	763.96	750.88	744.49
G 50.0	479.48	480.03	486.12	494.84	485.45	482.36	488.38	483.38	484.74	499.47	484.74	483.38	488.38
G 55.0	322.72	324.12	325.38	324.86	322.77	324.04	328.53	324.16	322.60	328.81	322.60	324.16	328.53
G 60.0	316.21	317.89	318.83	319.02	318.99	318.88	319.11	319.97	319.78	318.16	319.78	319.97	319.11
G 65.0	317.83	319.84	321.04	321.32	321.62	322.50	323.71	322.86	322.22	322.47	322.22	322.86	323.71
G 70.0	322.58	320.15	321.74	324.68	322.82	322.09	323.51	322.20	321.44	322.89	321.44	322.20	323.51
G 75.0	304.21	301.02	304.33	310.04	307.36	305.98	305.91	306.93	306.75	305.45	306.75	306.93	305.91
G 80.0	257.08	251.63	254.82	260.82	255.52	248.73	247.77	250.85	254.18	256.27	254.18	250.85	247.77
G 85.0	188.26	189.40	192.97	195.64	191.54	187.29	186.96	188.53	188.73	186.84	188.73	188.53	186.96
G 90.0	139.48	141.24	142.19	141.39	138.86	138.98	140.70	138.82	137.52	138.82	137.52	138.82	140.70

Luminaria		**Ensayo**		**Lámpara**	
Código	26401201xx	Código	26401201xx	Código	26401201xx
Nombre	Suspensión SYRA-45 leds17W bl	Nombre	Suspensión SYRA-45 leds 17W	Número	1
Familia	- BOVER	Fecha	13-11-2014	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	1015.83 lm

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	2981.50	2981.50	2981.50	2981.50	2981.50	2981.50	2981.50	2981.50	2981.50	2981.50	2981.50	2981.50	2981.50
G 5.0	2759.57	2760.47	2762.20	2760.55	2758.64	2758.23	2758.64	2760.55	2762.20	2760.47	2759.57	2760.26	2759.31
G 10.0	2559.68	2561.51	2565.78	2564.43	2561.11	2558.66	2561.11	2564.43	2565.78	2561.51	2559.68	2560.02	2559.42
G 15.0	2391.73	2393.05	2395.14	2390.81	2386.46	2385.37	2386.46	2390.81	2395.14	2393.05	2391.73	2392.09	2391.96
G 20.0	2223.84	2231.62	2236.89	2227.51	2222.62	2229.83	2222.62	2227.51	2236.89	2231.62	2223.84	2222.49	2225.17
G 25.0	2028.91	2038.68	2046.73	2034.84	2027.81	2036.03	2027.81	2034.84	2046.73	2038.68	2028.91	2029.30	2033.71
G 30.0	1766.57	1776.18	1794.07	1770.27	1751.89	1761.31	1751.89	1770.27	1794.07	1776.18	1766.57	1778.18	1774.22
G 35.0	1437.50	1459.44	1491.81	1460.95	1438.26	1433.68	1438.26	1460.95	1491.81	1459.44	1437.50	1434.46	1441.16
G 40.0	1107.25	1113.92	1139.17	1116.20	1089.28	1083.67	1089.28	1116.20	1139.17	1113.92	1107.25	1118.62	1121.16
G 45.0	748.27	773.36	793.46	767.90	753.31	773.40	753.31	767.90	793.46	773.36	748.27	744.49	750.88
G 50.0	482.36	485.45	494.84	486.12	480.03	479.48	480.03	486.12	494.84	485.45	482.36	488.38	483.38
G 55.0	324.04	322.77	324.86	325.38	324.12	322.72	324.12	325.38	324.86	322.77	324.04	328.53	324.16
G 60.0	318.88	318.99	319.02	318.83	317.89	316.21	317.89	318.83	319.02	318.99	318.88	319.11	319.97
G 65.0	322.50	321.62	321.32	321.04	319.84	317.83	319.84	321.04	321.32	321.62	322.50	323.71	322.86
G 70.0	322.09	322.82	324.68	321.74	320.15	322.58	320.15	321.74	324.68	322.82	322.09	323.51	322.20
G 75.0	305.98	307.36	310.04	304.33	301.02	304.21	301.02	304.33	310.04	307.36	305.98	305.91	306.93
G 80.0	248.73	255.52	260.82	254.82	251.63	257.08	251.63	254.82	260.82	255.52	248.73	247.77	250.85
G 85.0	187.29	191.54	195.64	192.97	189.40	188.26	189.40	192.97	195.64	191.54	187.29	186.96	188.53
G 90.0	138.98	138.86	141.39	142.19	141.24	139.48	141.24	142.19	141.39	138.86	138.98	140.70	138.82

Luminaria		**Ensayo**		**Lámpara**	
Código	26401201xx	Código	26401201xx	Código	26401201xx
Nombre	Suspensión SYRA-45 leds17W bl	Nombre	Suspensión SYRA-45 leds 17W	Número	1
Familia	- BOVER	Fecha	13-11-2014	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	1015.83 lm

Luminance cd/m2 **Tabla 3/3**

	C 180.00	C 190.00	C 200.00	C 210.00	C 220.00	C 230.00	C 240.00	C 250.00	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00
G 0.0	2981.50	2981.50	2981.50	2981.50	2981.50	2981.50	2981.50	2981.50	2981.50	2981.50	2981.50	2981.50	2981.50
G 5.0	2758.23	2758.64	2760.55	2762.20	2760.47	2759.57	2760.26	2759.31	2758.87	2759.96	2758.87	2759.31	2760.26
G 10.0	2558.66	2561.11	2564.43	2565.78	2561.51	2559.68	2560.02	2559.42	2559.50	2561.43	2559.50	2559.42	2560.02
G 15.0	2385.37	2386.46	2390.81	2395.14	2393.05	2391.73	2392.09	2391.96	2391.92	2392.38	2391.92	2391.96	2392.09
G 20.0	2229.83	2222.62	2227.51	2236.89	2231.62	2223.84	2222.49	2225.17	2229.04	2232.73	2229.04	2225.17	2222.49
G 25.0	2036.03	2027.81	2034.84	2046.73	2038.68	2028.91	2029.30	2033.71	2033.78	2028.05	2033.78	2033.71	2029.30
G 30.0	1761.31	1751.89	1770.27	1794.07	1776.18	1766.57	1778.18	1774.22	1765.42	1761.20	1765.42	1774.22	1778.18
G 35.0	1433.68	1438.26	1460.95	1491.81	1459.44	1437.50	1434.46	1441.16	1441.52	1436.94	1441.52	1441.16	1434.46
G 40.0	1083.67	1089.28	1116.20	1139.17	1113.92	1107.25	1118.62	1121.16	1108.41	1089.10	1108.41	1121.16	1118.62
G 45.0	773.40	753.31	767.90	793.46	773.36	748.27	744.49	750.88	763.96	781.13	763.96	750.88	744.49
G 50.0	479.48	480.03	486.12	494.84	485.45	482.36	488.38	483.38	484.74	499.47	484.74	483.38	488.38
G 55.0	322.72	324.12	325.38	324.86	322.77	324.04	328.53	324.16	322.60	328.81	322.60	324.16	328.53
G 60.0	316.21	317.89	318.83	319.02	318.99	318.88	319.11	319.97	319.78	318.16	319.78	319.97	319.11
G 65.0	317.83	319.84	321.04	321.32	321.62	322.50	323.71	322.86	322.22	322.47	322.22	322.86	323.71
G 70.0	322.58	320.15	321.74	324.68	322.82	322.09	323.51	322.20	321.44	322.89	321.44	322.20	323.51
G 75.0	304.21	301.02	304.33	310.04	307.36	305.98	305.91	306.93	306.75	305.45	306.75	306.93	305.91
G 80.0	257.08	251.63	254.82	260.82	255.52	248.73	247.77	250.85	254.18	256.27	254.18	250.85	247.77
G 85.0	188.26	189.40	192.97	195.64	191.54	187.29	186.96	188.53	188.73	186.84	188.73	188.53	186.96
G 90.0	139.48	141.24	142.19	141.39	138.86	138.98	140.70	138.82	137.52	138.82	137.52	138.82	140.70