Luminaria		**Ensayo**		**Lámpara**	
Código	26402201xx	Código	26402201xx	Código	26402201xx
Nombre	Suspensión leds SYRA-60 22W	Nombre	Suspensión leds SYRA-60 22W	Número	1
Familia	- BOVER	Fecha	22-07-2014	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	645.40 lm
Valor Máximo	674.19 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

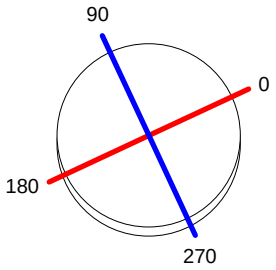
Luminaria Redonda	Diam.	600 mm	Altura	440 mm	
Área Luminosa Redonda	Diam.	600 mm	Altura	440 mm	
Área Luminosa Horizontal	0.282743 m2		Área Emisión sobre Pl. 180°	0.264000 m2	
Área Emisión sobre Pl. 0°	0.264000 m2		Área Emisión sobre Pl. 270°	0.264000 m2	
Área Emisión sobre Pl. 90°	0.264000 m2		Área de deslumbramiento a 76°	0.324560 m2	
Tipo de Simetría	Bisimétrico		Máximo Ángulo Gamma	180	
Distancia de Ensayo	6.44		Flujo de Ensayo	645.40 lm	
Operador	Asselum T2		Tensión de alimentación	230.00 V	
Temperatura	25.00 °C		Corriente de alimentación		
Humedad	50.00 %		Fotocélula	Prc	
Notas					

Lámparas de la Luminaria

Familia	Código	Nombre	Flujo [lm]	Pot. [W]	Cant.
- BOVER	26402201xx	Lámpara leds 22W 3000K	645.40	22.00	1

C.I.E.	81 93 98 97 100	D DIN 5040	A61
F UTE	0.97 B + 0.03 T	B NBN	BZ 1 / 2.5 / BZ 2

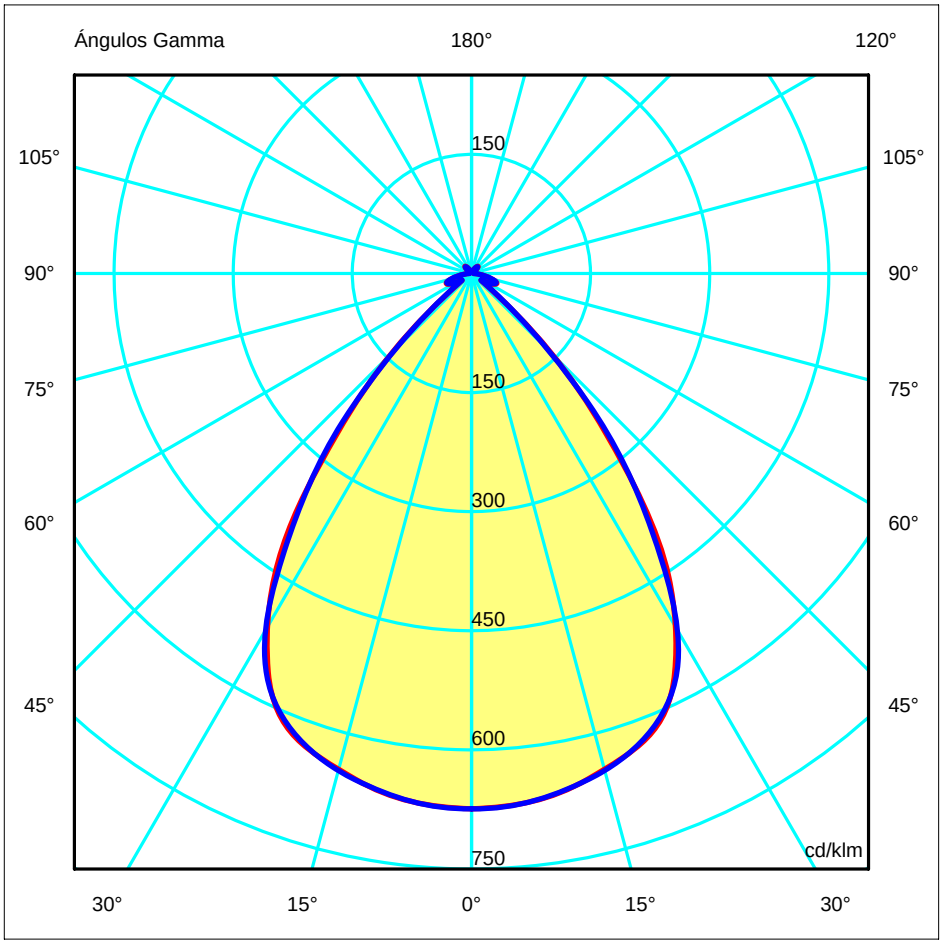
Diam=600mm



Semiplanos C

180.0 — 0.0

270.0 — 90.0



ULOR	3.15 %
DLOR	96.85 %
RN	3.15 %

Luminaria		**Ensayo**		**Lámpara**	
Código	26402201xx	Código	26402201xx	Código	26402201xx
Nombre	Suspensión leds SYRA-60 22W	Nombre	Suspensión leds SYRA-60 22W	Número	1
Familia	- BOVER	Fecha	22-07-2014	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	645.40 lm

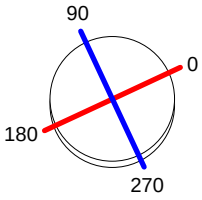
Tabla de Intensidad Luminosa cd/klm **Tabla 1/1**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	674.19	674.19	674.19	674.19	674.19	674.19	674.19
G 5.0	670.99	671.17	672.05	671.20	671.16	671.16	671.44
G 10.0	662.49	662.17	663.54	661.66	662.64	661.86	661.59
G 15.0	646.44	647.49	649.90	648.20	646.78	647.17	648.03
G 20.0	628.62	627.44	630.65	627.44	628.73	628.77	626.63
G 25.0	590.96	589.01	596.45	588.97	590.44	590.07	590.40
G 30.0	513.42	511.55	524.42	511.93	513.79	514.44	518.64
G 35.0	409.54	402.05	416.98	398.67	407.09	399.18	396.20
G 40.0	263.39	268.61	291.80	276.34	263.51	269.83	274.09
G 45.0	144.95	140.26	154.21	143.38	144.82	145.00	138.38
G 50.0	37.76	44.56	50.13	43.60	43.41	41.71	45.10
G 55.0	14.99	15.59	14.55	15.80	14.92	14.45	14.57
G 60.0	22.72	22.33	22.55	23.80	23.13	22.95	22.72
G 65.0	31.82	31.73	31.00	31.70	32.19	31.72	30.58
G 70.0	33.73	33.56	34.10	33.38	33.66	33.66	33.11
G 75.0	26.49	27.09	28.10	26.65	26.72	26.68	26.86
G 80.0	17.14	16.98	18.03	17.12	17.02	17.07	17.12
G 85.0	9.49	8.85	10.01	9.04	9.11	8.87	8.97
G 90.0	3.70	3.70	4.28	4.10	3.45	3.85	3.99
G 95.0	2.71	2.62	2.56	2.89	2.60	2.67	2.67
G100.0	3.43	3.42	3.40	3.42	3.44	3.41	3.37
G105.0	3.58	3.60	3.68	3.52	3.61	3.54	3.48
G110.0	3.18	3.14	3.21	3.07	2.97	2.91	3.04
G115.0	2.68	2.79	2.78	2.69	2.60	2.49	2.63
G120.0	3.01	3.17	3.18	2.81	3.11	2.87	3.04
G125.0	4.36	4.52	4.43	3.86	4.73	4.27	4.26
G130.0	6.78	7.66	6.79	6.70	7.52	7.36	6.96
G135.0	11.59	11.76	11.29	11.71	11.45	11.70	10.81
G140.0	11.71	12.13	12.03	11.85	11.50	11.31	11.04
G145.0	9.75	10.15	10.28	9.89	9.71	9.59	8.97
G150.0	6.56	7.35	7.59	7.15	6.74	6.49	6.33
G155.0	3.65	3.97	3.91	3.91	3.69	3.39	3.71
G160.0	2.97	2.95	2.97	3.01	3.01	2.97	2.95
G165.0	2.96	2.96	2.95	2.97	3.00	3.00	2.98
G170.0	3.17	3.17	3.15	3.22	3.19	3.18	3.22
G175.0	3.36	3.36	3.34	3.38	3.37	3.37	3.40
G180.0	3.42	3.41	3.42	3.40	3.40	3.44	3.45

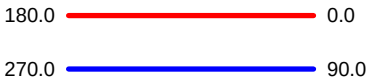
Luminaria		Ensayo		Lámpara	
Código	26402201xx	Código	26402201xx	Código	26402201xx
Nombre	Suspensión leds SYRA-60 22W	Nombre	Suspensión leds SYRA-60 22W	Número	1
Familia	- BOVER	Fecha	22-07-2014	Posición	Universal

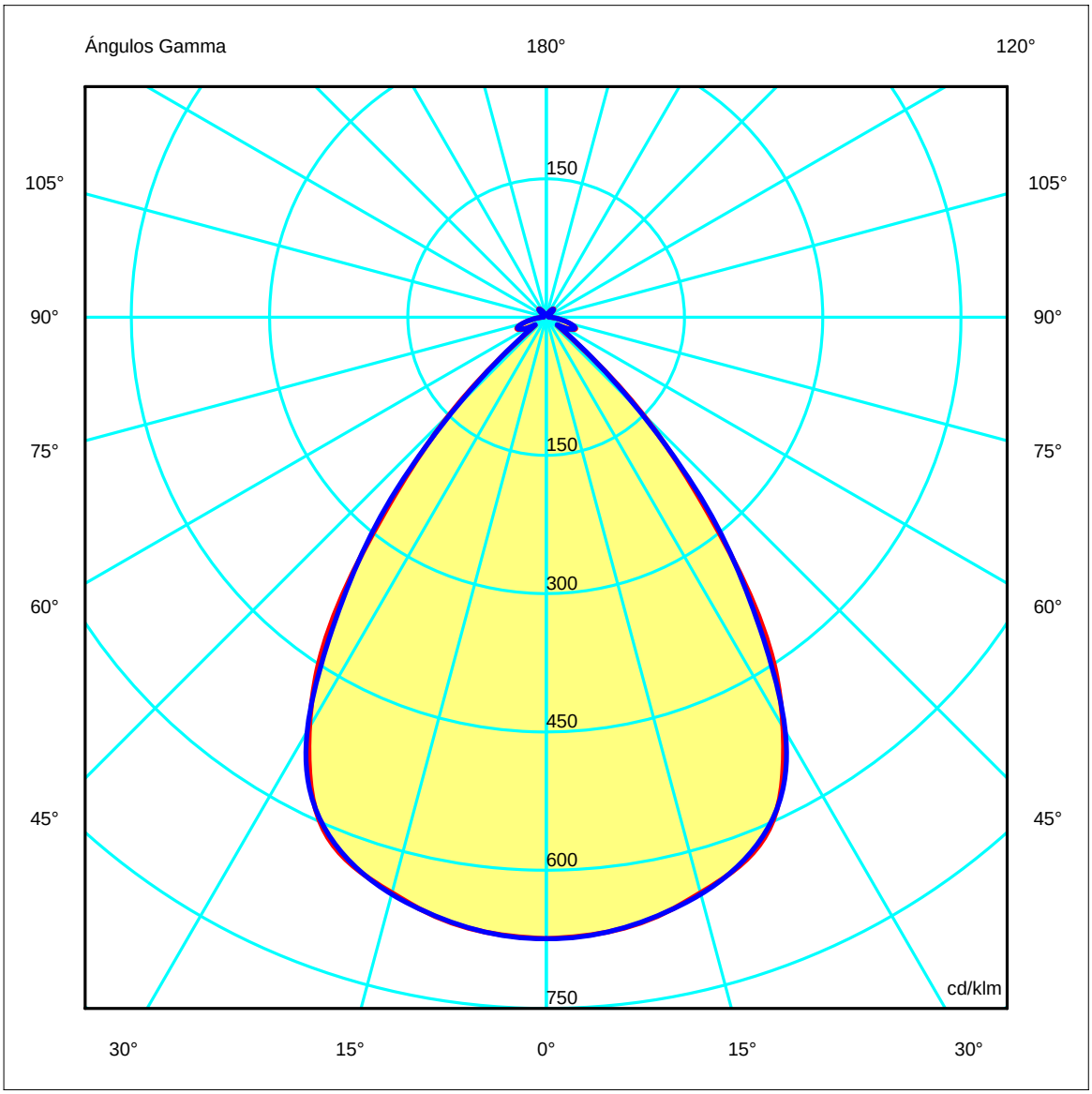
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	645.40 lm

Diam=600mm



Semiplanos C

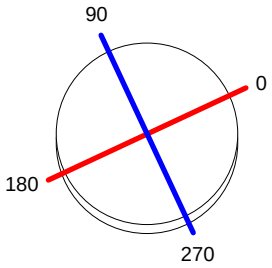




Luminaria		Ensayo		Lámpara	
Código	26402201xx	Código	26402201xx	Código	26402201xx
Nombre	Suspensión leds SYRA-60 22W	Nombre	Suspensión leds SYRA-60 22W	Número	1
Familia	- BOVER	Fecha	22-07-2014	Posición	Universal

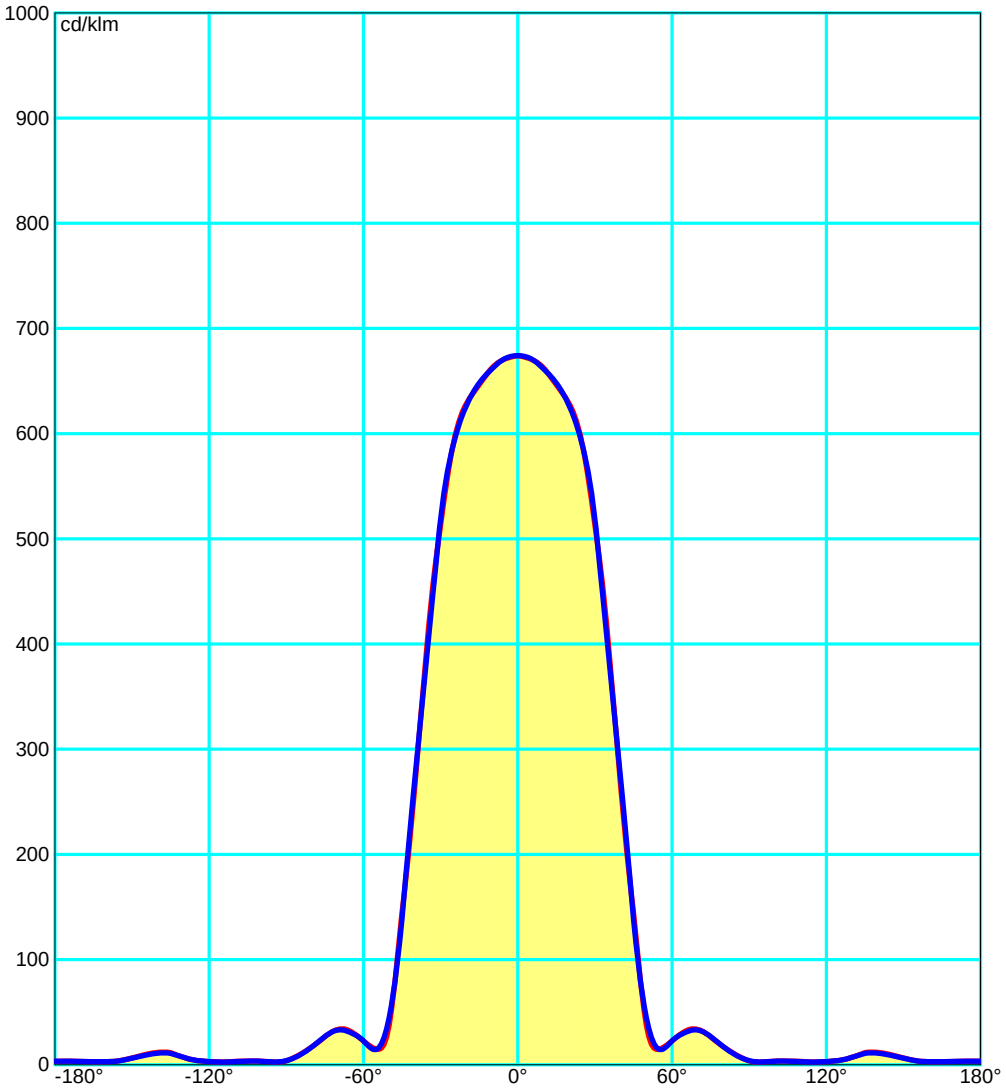
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	645.40 lm

Diam=600mm



Semiplanos C





Luminaria		Ensayo		Lámpara	
Código	26402201xx	Código	26402201xx	Código	26402201xx
Nombre	Suspensión leds SYRA-60 22W	Nombre	Suspensión leds SYRA-60 22W	Número	1
Familia	- BOVER	Fecha	22-07-2014	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	645.40 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	3.4	4.3	3.7	4.5	4.7	3.4	4.2	3.7	4.5	4.7
x=2H y=3H	3.9	4.7	4.2	5.0	5.2	3.8	4.6	4.2	4.9	5.2
x=2H y=4H	4.2	4.9	4.6	5.3	5.5	4.2	4.9	4.5	5.2	5.5
x=2H y=6H	4.4	5.1	4.8	5.4	5.7	4.4	5.0	4.8	5.4	5.7
x=2H y=8H	4.5	5.1	4.9	5.5	5.8	4.4	5.1	4.8	5.4	5.8
x=2H y=12H	4.5	5.1	4.9	5.5	5.8	4.4	5.0	4.8	5.4	5.8
x=4H y=2H	3.4	4.1	3.8	4.4	4.7	3.3	4.1	3.7	4.4	4.7
x=4H y=3H	4.1	4.8	4.6	5.1	5.5	4.1	4.7	4.5	5.1	5.5
x=4H y=4H	4.6	5.2	5.1	5.6	5.9	4.6	5.1	5.0	5.5	5.9
x=4H y=6H	4.9	5.4	5.4	5.8	6.2	4.9	5.4	5.3	5.8	6.2
x=4H y=8H	5.0	5.5	5.5	5.9	6.3	5.0	5.4	5.5	5.8	6.3
x=4H y=12H	5.1	5.5	5.6	5.9	6.3	5.0	5.4	5.5	5.8	6.3
x=8H y=4H	4.8	5.2	5.3	5.7	6.1	4.7	5.2	5.2	5.6	6.1
x=8H y=6H	5.2	5.5	5.7	6.0	6.5	5.2	5.5	5.7	6.0	6.5
x=8H y=8H	5.4	5.6	5.9	6.1	6.6	5.3	5.6	5.8	6.1	6.6
x=8H y=12H	5.4	5.7	6.0	6.2	6.7	5.4	5.6	5.9	6.1	6.7
x=12H y=4H	4.8	5.2	5.3	5.6	6.1	4.7	5.1	5.2	5.6	6.1
x=12H y=6H	5.2	5.5	5.8	6.0	6.5	5.2	5.5	5.7	6.0	6.5
x=12H y=8H	5.4	5.6	5.9	6.2	6.7	5.3	5.6	5.9	6.1	6.7

Luminaria		Ensayo		Lámpara	
Código	26402201xx	Código	26402201xx	Código	26402201xx
Nombre	Suspensión leds SYRA-60 22W	Nombre	Suspensión leds SYRA-60 22W	Número	1
Familia	- BOVER	Fecha	22-07-2014	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	645.40 lm

Flujo Total=645.40 Flujo Luminaria=645.38

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	0.59	0.64	0.70	0.75	0.78	0.84	0.88	0.90	0.93	0.95	0.98	1.00
RC	-	-	-	1	1	1	1	1	1	-	-	-

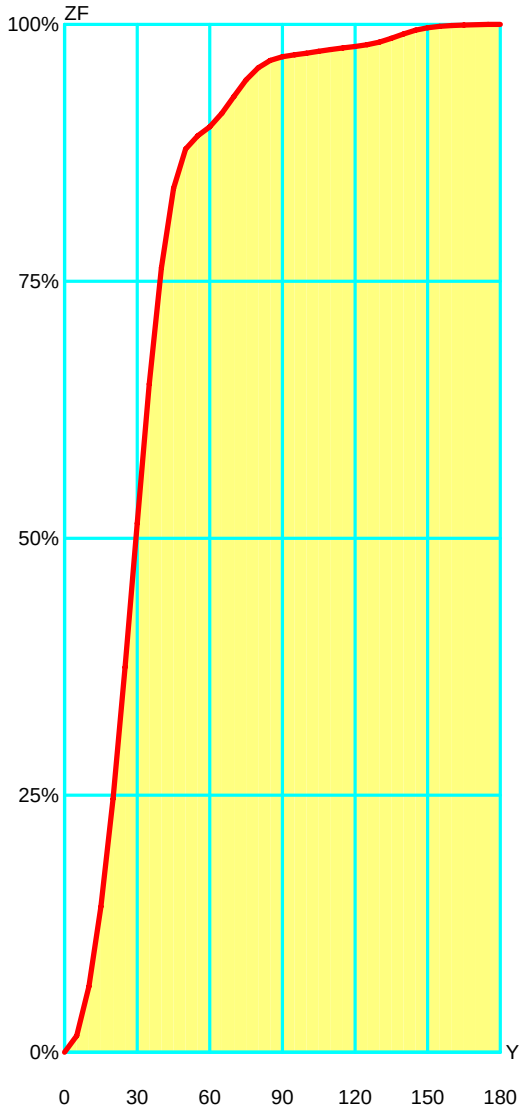
Flujo Zonal por 1000 Lúmenes

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	64	247	515	763	879	900	930	958	969	972	976	978	983	991	997	999	1000	1000

Códigos de Flujo C.I.E.

81 93 98 97 100

C.I.E.	-/-/-/1/1/1/1/1/1/-/-/-	LOR	99.99752 %
D DIN 5040	A61	ULOR	3.14721 %
F UTE	0.97 B + 0.03 T	DLOR	96.85031 %
B NBN	BZ 1 / 2.5 / BZ 2	UFF	3.14729 %
RN	3.14729 %	DFF	96.85271 %
BLF	1.0	FFR	3.24956 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	16.09	16.09	1.61 %	1.61 %
10°	47.71	63.79	4.77 %	6.38 %
15°	77.72	141.51	7.77 %	14.15 %
20°	105.18	246.69	10.52 %	24.67 %
25°	127.89	374.58	12.79 %	37.46 %
30°	140.00	514.58	14.00 %	51.46 %
35°	135.45	650.03	13.55 %	65.01 %
40°	113.05	763.09	11.31 %	76.31 %
45°	77.40	840.49	7.74 %	84.05 %
50°	38.20	878.69	3.82 %	87.87 %
55°	12.86	891.55	1.29 %	89.16 %
60°	8.77	900.31	0.88 %	90.03 %
65°	13.25	913.56	1.33 %	91.36 %
70°	16.51	930.08	1.65 %	93.01 %
75°	15.84	945.92	1.58 %	94.59 %
80°	11.83	957.75	1.18 %	95.78 %
85°	7.18	964.93	0.72 %	96.50 %
90°	3.57	968.50	0.36 %	96.85 %
95°	1.79	970.29	0.18 %	97.03 %
100°	1.65	971.95	0.17 %	97.20 %
105°	1.87	973.82	0.19 %	97.38 %
110°	1.74	975.56	0.17 %	97.56 %
115°	1.45	977.01	0.15 %	97.70 %
120°	1.38	978.40	0.14 %	97.84 %
125°	1.71	980.10	0.17 %	98.01 %
130°	2.50	982.60	0.25 %	98.26 %
135°	3.77	986.38	0.38 %	98.64 %
140°	4.30	990.68	0.43 %	99.07 %
145°	3.59	994.27	0.36 %	99.43 %
150°	2.47	996.74	0.25 %	99.68 %
155°	1.36	998.10	0.14 %	99.81 %
160°	0.71	998.80	0.07 %	99.88 %
165°	0.49	999.29	0.05 %	99.93 %
170°	0.37	999.66	0.04 %	99.97 %
175°	0.23	999.89	0.02 %	99.99 %
180°	0.08	999.98	0.01 %	100.00 %

Luminaria		Ensayo		Lámpara	
Código	26402201xx	Código	26402201xx	Código	26402201xx
Nombre	Suspensión leds SYRA-60 22W	Nombre	Suspensión leds SYRA-60 22W	Número	1
Familia	- BOVER	Fecha	22-07-2014	Posición	Universal

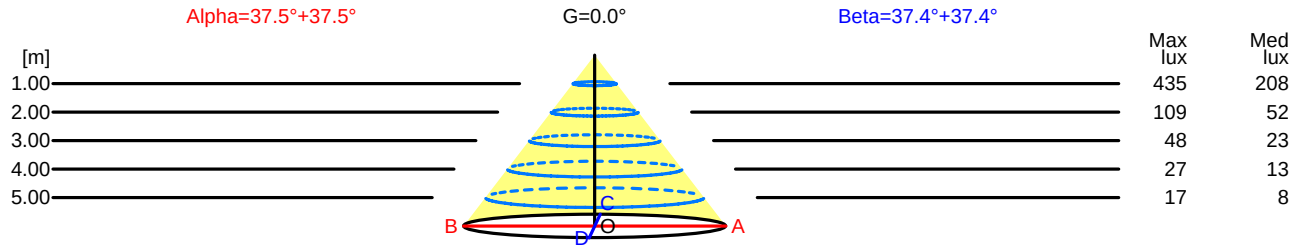
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	645.40 lm

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	0.77	1.53	2.30	3.07	3.84	OC	0.77	1.53	2.30	3.06	3.83
OB	0.77	1.53	2.30	3.07	3.84	OD	0.77	1.53	2.30	3.06	3.83

Intensidades Luminosas [cd/klm]

	0	5	15	25	35	45	55	65	75	85
OA	435.13	433.05	417.21	381.40	264.32	93.55	9.67	20.54	17.10	6.12
OB	435.13	433.05	417.21	381.40	264.32	93.55	9.67	20.54	17.10	6.12
OC	435.13	433.34	418.24	381.05	255.70	89.31	9.40	19.74	17.33	5.79
OD	435.13	433.34	418.24	381.05	255.70	89.31	9.40	19.74	17.33	5.79



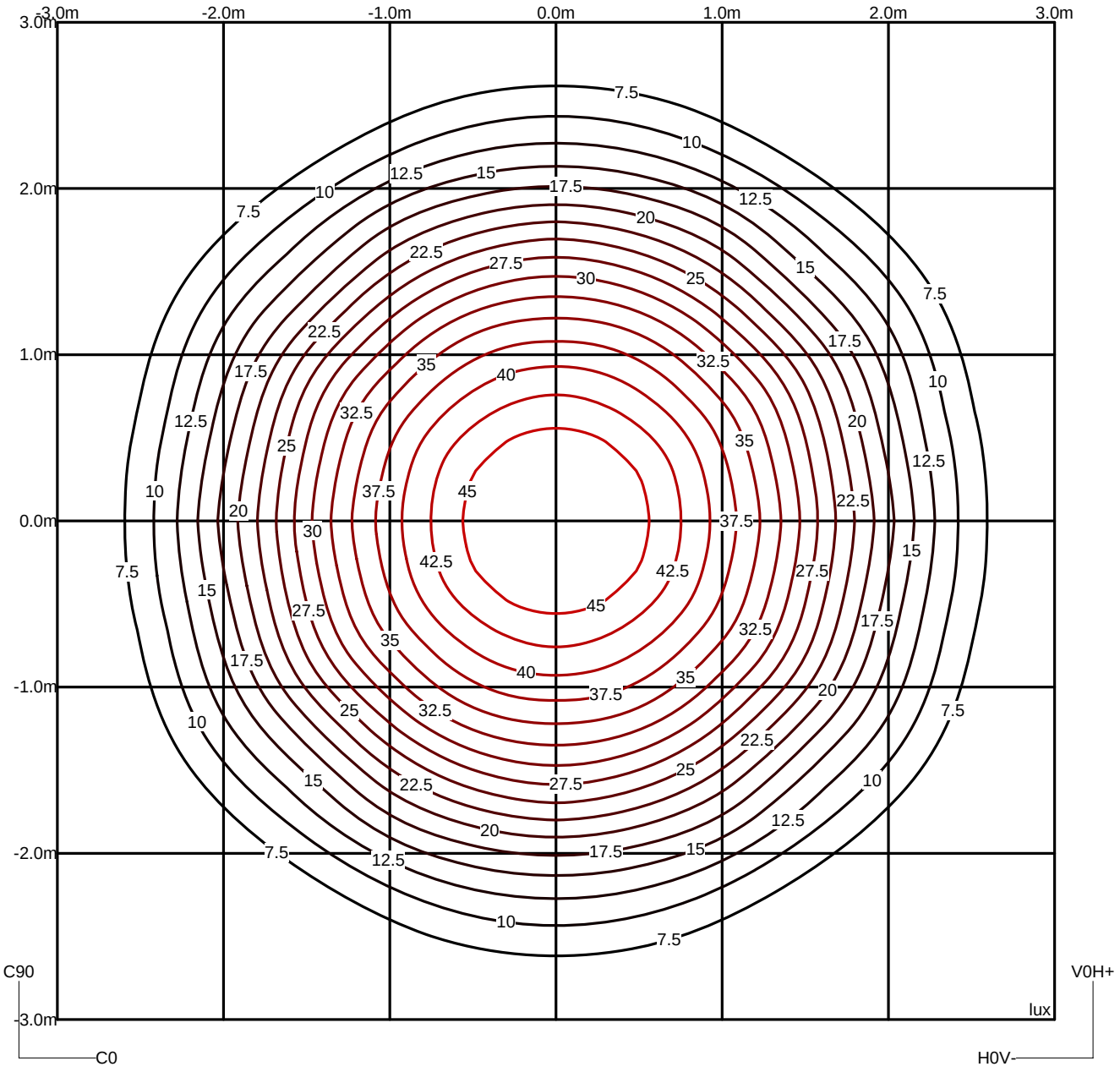
H[m]	D[m]	Max lux	Med lux	Alpha=37.5°+37.5° G=0.0
1.00	1.53	435	208	
2.00	3.07	109	52	
3.00	4.60	48	23	
4.00	6.14	27	13	
5.00	7.67	17	8	

H[m]	D[m]	Max lux	Med lux	Beta=37.4°+37.4° G=0.0
1.00	1.53	435	208	
2.00	3.06	109	52	
3.00	4.60	48	23	
4.00	6.13	27	13	
5.00	7.66	17	8	

Luminaria		Ensayo		Lámpara	
Código	26402201xx	Código	26402201xx	Código	26402201xx
Nombre	Suspensión leds SYRA-60 22W	Nombre	Suspensión leds SYRA-60 22W	Número	1
Familia	- BOVER	Fecha	22-07-2014	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	645.40 lm

Isolux (Suelo)

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



Luminaria		**Ensayo**		**Lámpara**	
Código	26402201xx	Código	26402201xx	Código	26402201xx
Nombre	Suspensión leds SYRA-60 22W	Nombre	Suspensión leds SYRA-60 22W	Número	1
Familia	- BOVER	Fecha	22-07-2014	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	645.40 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	202	182	141	127	173	122	119	101	83	71	57	43	38	26	66	46	41	31	25	39	26	23	12
0.80	237	218	152	140	207	134	150	131	95	84	68	54	47	34	78	57	51	40	33	48	34	30	14
1.00	261	243	155	145	231	139	175	156	103	92	76	62	55	42	86	65	59	47	40	56	42	37	16
1.25	284	268	156	148	255	142	200	182	109	100	84	71	63	51	94	73	68	56	49	64	50	45	17
1.50	301	286	156	149	273	143	221	203	113	105	90	78	70	58	99	79	74	63	56	71	56	51	19
2.00	324	311	151	146	297	141	252	236	118	111	98	88	81	70	105	88	84	74	67	80	68	63	21
2.50	339	328	148	144	313	140	274	260	120	115	104	95	89	79	109	95	91	82	76	87	76	71	22
3.00	349	340	145	142	325	138	291	278	122	117	108	100	96	86	112	100	96	89	83	93	83	78	24
4.00	365	357	143	140	342	137	315	303	125	121	114	108	104	96	116	107	104	98	93	100	92	88	25
5.00	375	369	141	140	353	136	330	320	127	124	118	113	110	103	119	111	109	104	100	105	99	94	26
10.00	397	393	138	137	377	135	365	360	131	129	127	124	123	119	125	122	120	118	116	117	114	110	29
20.00	408	407	137	136	391	134	385	382	133	132	132	130	130	128	129	128	127	127	125	124	123	120	30

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	341	330	264	257	324	253	255	247	205	199	171	166	148	143	196	167	165	145	143	164	143	142	120
0.80	383	371	285	278	362	274	295	285	228	222	196	189	171	166	218	190	187	168	165	185	165	163	138
1.00	406	394	290	284	383	279	319	308	238	232	208	201	184	178	227	201	198	180	177	195	176	173	145
1.25	428	417	295	290	403	284	344	332	248	243	220	213	198	191	236	212	209	192	189	205	188	184	153
1.50	444	433	298	293	417	287	363	351	254	249	229	222	208	201	242	220	217	201	198	212	196	192	158
2.00	454	445	287	284	426	276	379	368	251	247	230	224	212	205	238	220	217	204	200	211	198	192	154
2.50	457	448	275	272	427	265	387	376	244	240	227	221	211	204	230	215	213	202	198	206	195	188	148
3.00	454	446	261	259	423	252	388	378	235	231	220	214	207	200	220	208	206	197	193	198	188	181	138
4.00	457	451	252	250	426	242	398	389	229	226	217	213	207	201	215	205	203	196	192	194	186	177	132
5.00	458	453	243	242	426	234	402	394	224	221	214	210	205	200	209	201	199	194	190	189	183	173	127
10.00	436	433	202	201	403	194	390	385	189	187	184	181	180	176	174	170	169	166	164	156	153	142	91
20.00	372	371	127	127	338	119	333	330	117	117	116	114	114	112	102	101	100	99	98	87	86	72	20

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	787	775	734	726	768	722	684	676	659	653	616	611	585	581	649	611	609	582	580	607	580	579	567
0.80	866	852	798	790	841	783	758	747	723	716	680	672	647	641	710	672	669	642	639	666	639	636	625
1.00	931	917	849	841	902	833	823	810	778	771	737	729	705	698	763	727	724	699	695	720	694	690	679
1.25	989	975	891	884	956	875	881	867	825	818	787	778	756	748	808	775	771	748	743	765	741	736	724
1.50	1000	1000	921	915	995	904	925	910	860	852	824	814	795	785	840	810	806	785	780	799	777	770	758
2.00	1000	1000	965	960	1000	948	996	981	913	906	883	874	858	848	891	867	863	845	840	853	834	825	814
2.50	1000	1000	992	987	1000	975	1000	1000	946	941	922	913	900	890	924	903	900	885	880	888	872	861	850
3.00	1000	1000	1000	1000	1000	994	1000	1000	970	965	949	941	931	920	947	929	926	914	908	912	900	887	876
4.00	1000	1000	1000	1000	1000	1000	1000	1000	995	991	979	972	964	955	971	957	954	945	940	938	928	913	902
5.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	997	991	985	976	985	974	972	964	960	954	946	929	918
10.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	987	983	962	950
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	978	967

LM53 SHR C0-C180: 1.143 SHR C90-C270: 1.143 SHR Superficial: 1.089

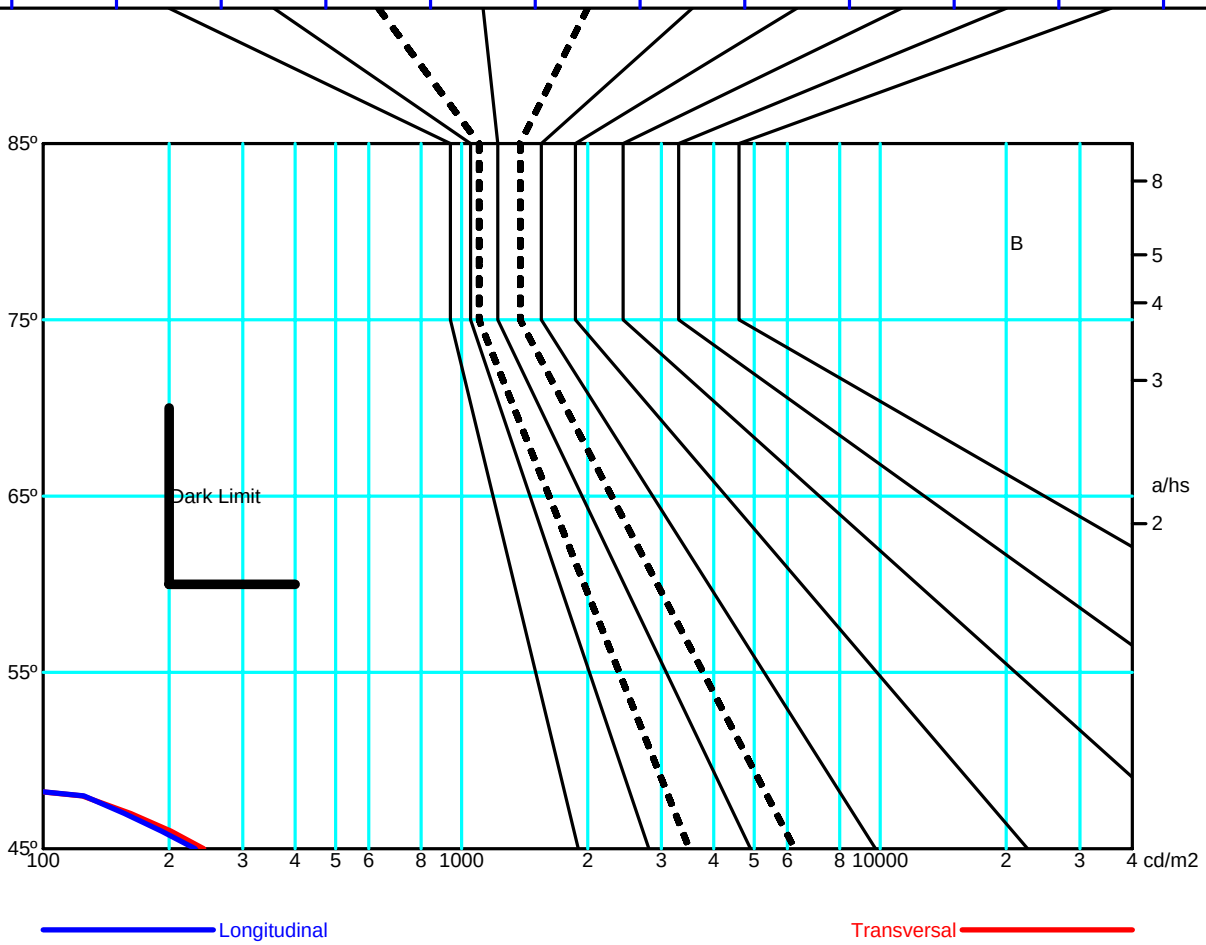
Luminaria		Ensayo		Lámpara	
Código	26402201xx	Código	26402201xx	Código	26402201xx
Nombre	Suspensión leds SYRA-60 22W	Nombre	Suspensión leds SYRA-60 22W	Número	1
Familia	- BOVER	Fecha	22-07-2014	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	645.40 lm

Luminancia Media [cd/m²]

	45°	50°	55°	60°	65°	70°	75°	80°	85°	
0.0°	242	63	26	40	57	63	52	36	21	---
90.0°	231	76	25	40	55	62	53	36	20	---

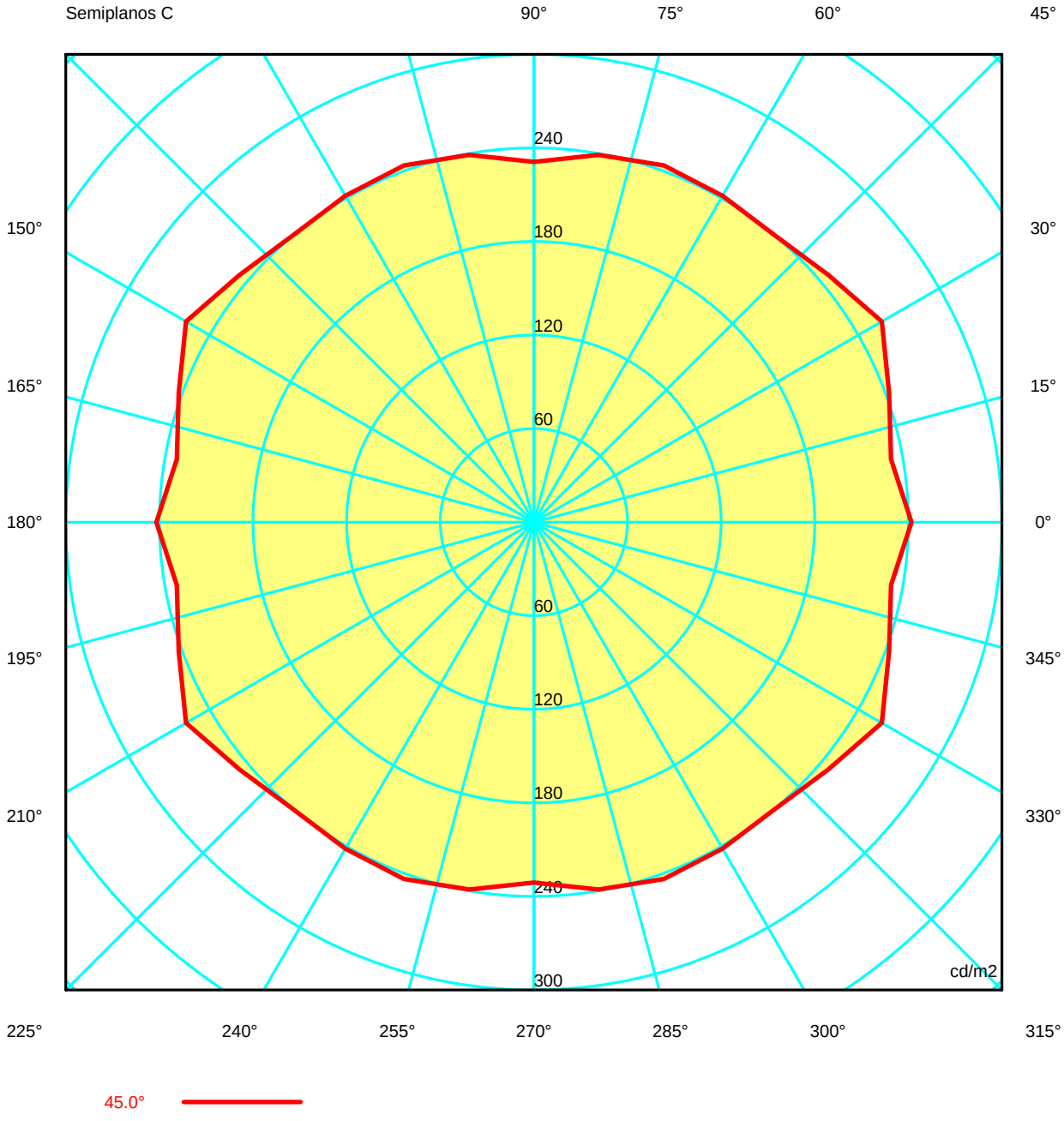
Flujo montado o vista transversal

		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	26402201xx	Código	26402201xx	Código	26402201xx
Nombre	Suspensión leds SYRA-60 22W	Nombre	Suspensión leds SYRA-60 22W	Número	1
Familia	- BOVER	Fecha	22-07-2014	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	645.40 lm

Luminancia



Luminaria		**Ensayo**		**Lámpara**	
Código	26402201xx	Código	26402201xx	Código	26402201xx
Nombre	Suspensión leds SYRA-60 22W	Nombre	Suspensión leds SYRA-60 22W	Número	1
Familia	- BOVER	Fecha	22-07-2014	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	645.40 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	1538.94	1538.94	1538.94	1538.94	1538.94	1538.94	1538.94	1538.94	1538.94	1538.94	1538.94	1538.94	1538.94
G 5.0	1421.36	1421.61	1422.49	1423.62	1422.50	1421.79	1421.74	1421.73	1421.86	1422.31	1421.86	1421.73	1421.74
G 10.0	1318.47	1317.50	1318.97	1320.56	1317.93	1317.06	1318.79	1318.00	1317.05	1316.68	1317.05	1318.00	1318.79
G 15.0	1221.93	1222.80	1225.69	1228.46	1226.84	1223.96	1222.57	1222.84	1223.84	1224.93	1223.84	1222.84	1222.57
G 20.0	1139.69	1137.11	1139.68	1143.36	1139.55	1138.33	1139.89	1140.57	1138.92	1136.08	1138.92	1140.57	1139.89
G 25.0	1036.92	1032.19	1038.36	1046.57	1038.13	1034.30	1036.02	1035.58	1035.18	1035.95	1035.18	1035.58	1036.02
G 30.0	879.26	873.28	884.38	898.10	884.52	877.78	879.89	880.63	882.48	888.20	882.48	880.63	879.89
G 35.0	690.07	676.03	686.98	702.60	681.29	672.90	685.93	678.99	670.93	667.58	670.93	678.99	685.93
G 40.0	440.06	445.87	463.07	487.54	474.76	450.71	440.27	446.08	454.22	457.94	454.22	446.08	440.27
G 45.0	241.99	232.43	242.22	257.44	246.46	240.16	241.76	243.50	239.21	231.02	239.21	243.50	241.76
G 50.0	63.46	70.66	79.56	84.27	77.06	73.17	72.96	70.79	70.97	75.80	70.97	70.79	72.96
G 55.0	25.56	26.66	25.93	24.81	26.29	26.83	25.45	24.72	24.66	24.84	24.66	24.72	25.45
G 60.0	39.62	39.14	38.83	39.33	41.00	41.39	40.34	40.14	39.96	39.63	39.96	40.14	40.34
G 65.0	57.25	57.14	56.59	55.78	56.44	57.49	57.91	57.52	56.46	55.02	56.46	57.52	57.91
G 70.0	63.14	62.72	63.22	63.82	62.92	62.65	63.00	63.16	62.74	61.98	62.74	63.16	63.00
G 75.0	52.09	52.65	54.21	55.26	53.39	52.45	52.54	52.50	52.51	52.82	52.51	52.50	52.54
G 80.0	35.78	35.20	36.26	37.65	36.52	35.68	35.54	35.63	35.66	35.74	35.66	35.63	35.54
G 85.0	21.29	19.79	20.74	22.47	21.12	20.33	20.44	20.13	19.87	20.13	19.87	20.13	20.44
G 90.0	9.05	8.87	9.48	10.45	10.44	9.38	8.44	8.98	9.53	9.76	9.53	8.98	8.44

Luminaria		**Ensayo**		**Lámpara**	
Código	26402201xx	Código	26402201xx	Código	26402201xx
Nombre	Suspensión leds SYRA-60 22W	Nombre	Suspensión leds SYRA-60 22W	Número	1
Familia	- BOVER	Fecha	22-07-2014	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	645.40 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	1538.94	1538.94	1538.94	1538.94	1538.94	1538.94	1538.94	1538.94	1538.94	1538.94	1538.94	1538.94	1538.94
G 5.0	1421.79	1422.50	1423.62	1422.49	1421.61	1421.36	1421.61	1422.49	1423.62	1422.50	1421.79	1421.74	1421.73
G 10.0	1317.06	1317.93	1320.56	1318.97	1317.50	1318.47	1317.50	1318.97	1320.56	1317.93	1317.06	1318.79	1318.00
G 15.0	1223.96	1226.84	1228.46	1225.69	1222.80	1221.93	1222.80	1225.69	1228.46	1226.84	1223.96	1222.57	1222.84
G 20.0	1138.33	1139.55	1143.36	1139.68	1137.11	1139.69	1137.11	1139.68	1143.36	1139.55	1138.33	1139.89	1140.57
G 25.0	1034.30	1038.13	1046.57	1038.36	1032.19	1036.92	1032.19	1038.36	1046.57	1038.13	1034.30	1036.02	1035.58
G 30.0	877.78	884.52	898.10	884.38	873.28	879.26	873.28	884.38	898.10	884.52	877.78	879.89	880.63
G 35.0	672.90	681.29	702.60	686.98	676.03	690.07	676.03	686.98	702.60	681.29	672.90	685.93	678.99
G 40.0	450.71	474.76	487.54	463.07	445.87	440.06	445.87	463.07	487.54	474.76	450.71	440.27	446.08
G 45.0	240.16	246.46	257.44	242.22	232.43	241.99	232.43	242.22	257.44	246.46	240.16	241.76	243.50
G 50.0	73.17	77.06	84.27	79.56	70.66	63.46	70.66	79.56	84.27	77.06	73.17	72.96	70.79
G 55.0	26.83	26.29	24.81	25.93	26.66	25.56	26.66	25.93	24.81	26.29	26.83	25.45	24.72
G 60.0	41.39	41.00	39.33	38.83	39.14	39.62	39.14	38.83	39.33	41.00	41.39	40.34	40.14
G 65.0	57.49	56.44	55.78	56.59	57.14	57.25	57.14	56.59	55.78	56.44	57.49	57.91	57.52
G 70.0	62.65	62.92	63.82	63.22	62.72	63.14	62.72	63.22	63.82	62.92	62.65	63.00	63.16
G 75.0	52.45	53.39	55.26	54.21	52.65	52.09	52.65	54.21	55.26	53.39	52.45	52.54	52.50
G 80.0	35.68	36.52	37.65	36.26	35.20	35.78	35.20	36.26	37.65	36.52	35.68	35.54	35.63
G 85.0	20.33	21.12	22.47	20.74	19.79	21.29	19.79	20.74	22.47	21.12	20.33	20.44	20.13
G 90.0	9.38	10.44	10.45	9.48	8.87	9.05	8.87	9.48	10.45	10.44	9.38	8.44	8.98

Luminaria		**Ensayo**		**Lámpara**	
Código	26402201xx	Código	26402201xx	Código	26402201xx
Nombre	Suspensión leds SYRA-60 22W	Nombre	Suspensión leds SYRA-60 22W	Número	1
Familia	- BOVER	Fecha	22-07-2014	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	645.40 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	1538.94	1538.94	1538.94	1538.94	1538.94	1538.94	1538.94	1538.94	1538.94	1538.94	1538.94	1538.94	1538.94
G 5.0	1421.36	1421.61	1422.49	1423.62	1422.50	1421.79	1421.74	1421.73	1421.86	1422.31	1421.86	1421.73	1421.74
G 10.0	1318.47	1317.50	1318.97	1320.56	1317.93	1317.06	1318.79	1318.00	1317.05	1316.68	1317.05	1318.00	1318.79
G 15.0	1221.93	1222.80	1225.69	1228.46	1226.84	1223.96	1222.57	1222.84	1223.84	1224.93	1223.84	1222.84	1222.57
G 20.0	1139.69	1137.11	1139.68	1143.36	1139.55	1138.33	1139.89	1140.57	1138.92	1136.08	1138.92	1140.57	1139.89
G 25.0	1036.92	1032.19	1038.36	1046.57	1038.13	1034.30	1036.02	1035.58	1035.18	1035.95	1035.18	1035.58	1036.02
G 30.0	879.26	873.28	884.38	898.10	884.52	877.78	879.89	880.63	882.48	888.20	882.48	880.63	879.89
G 35.0	690.07	676.03	686.98	702.60	681.29	672.90	685.93	678.99	670.93	667.58	670.93	678.99	685.93
G 40.0	440.06	445.87	463.07	487.54	474.76	450.71	440.27	446.08	454.22	457.94	454.22	446.08	440.27
G 45.0	241.99	232.43	242.22	257.44	246.46	240.16	241.76	243.50	239.21	231.02	239.21	243.50	241.76
G 50.0	63.46	70.66	79.56	84.27	77.06	73.17	72.96	70.79	70.97	75.80	70.97	70.79	72.96
G 55.0	25.56	26.66	25.93	24.81	26.29	26.83	25.45	24.72	24.66	24.84	24.66	24.72	25.45
G 60.0	39.62	39.14	38.83	39.33	41.00	41.39	40.34	40.14	39.96	39.63	39.96	40.14	40.34
G 65.0	57.25	57.14	56.59	55.78	56.44	57.49	57.91	57.52	56.46	55.02	56.46	57.52	57.91
G 70.0	63.14	62.72	63.22	63.82	62.92	62.65	63.00	63.16	62.74	61.98	62.74	63.16	63.00
G 75.0	52.09	52.65	54.21	55.26	53.39	52.45	52.54	52.50	52.51	52.82	52.51	52.50	52.54
G 80.0	35.78	35.20	36.26	37.65	36.52	35.68	35.54	35.63	35.66	35.74	35.66	35.63	35.54
G 85.0	21.29	19.79	20.74	22.47	21.12	20.33	20.44	20.13	19.87	20.13	19.87	20.13	20.44
G 90.0	9.05	8.87	9.48	10.45	10.44	9.38	8.44	8.98	9.53	9.76	9.53	8.98	8.44