Luminaria		**Ensayo**		**Lámpara**	
Código	26403201xx	Código	26403201xx	Código	26403201xx
Nombre	Suspensión leds SYRA-90 28W	Nombre	Suspensión leds SYRA-90 28W	Número	1
Familia	- BOVER	Fecha	15-07-2014	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	538.00 lm
Valor Máximo	671.68 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

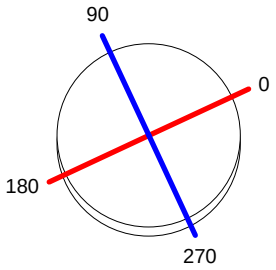
Luminaria Redonda	Diam.	900 mm	Altura	660 mm	
Área Luminosa Redonda	Diam.	900 mm	Altura	660 mm	
Área Luminosa Horizontal	0.636173 m2		Área Emisión sobre Pl. 180°	0.594000 m2	
Área Emisión sobre Pl. 0°	0.594000 m2		Área Emisión sobre Pl. 270°	0.594000 m2	
Área Emisión sobre Pl. 90°	0.594000 m2		Área de deslumbramiento a 76°	0.730260 m2	
Tipo de Simetría	Bisimétrico		Máximo Ángulo Gamma	180	
Distancia de Ensayo	6.44		Flujo de Ensayo	537.89 lm	
Operador	Asselum T2		Tensión de alimentación	230.00 V	
Temperatura	24.00 °C		Corriente de alimentación		
Humedad	58.00 %		Fotocélula	Prc	
Notas					

Lámparas de la Luminaria

Familia	Código	Nombre	Flujo [lm]	Pot. [W]	Cant.
- BOVER	26403201xx	Lámpara leds 28W 3000K	538.00	28.00	1

C.I.E.	84 92 98 93 100	D DIN 5040	A61
F UTE	0.93 A + 0.07 T	B NBN	BZ 1 / 3 / BZ 2

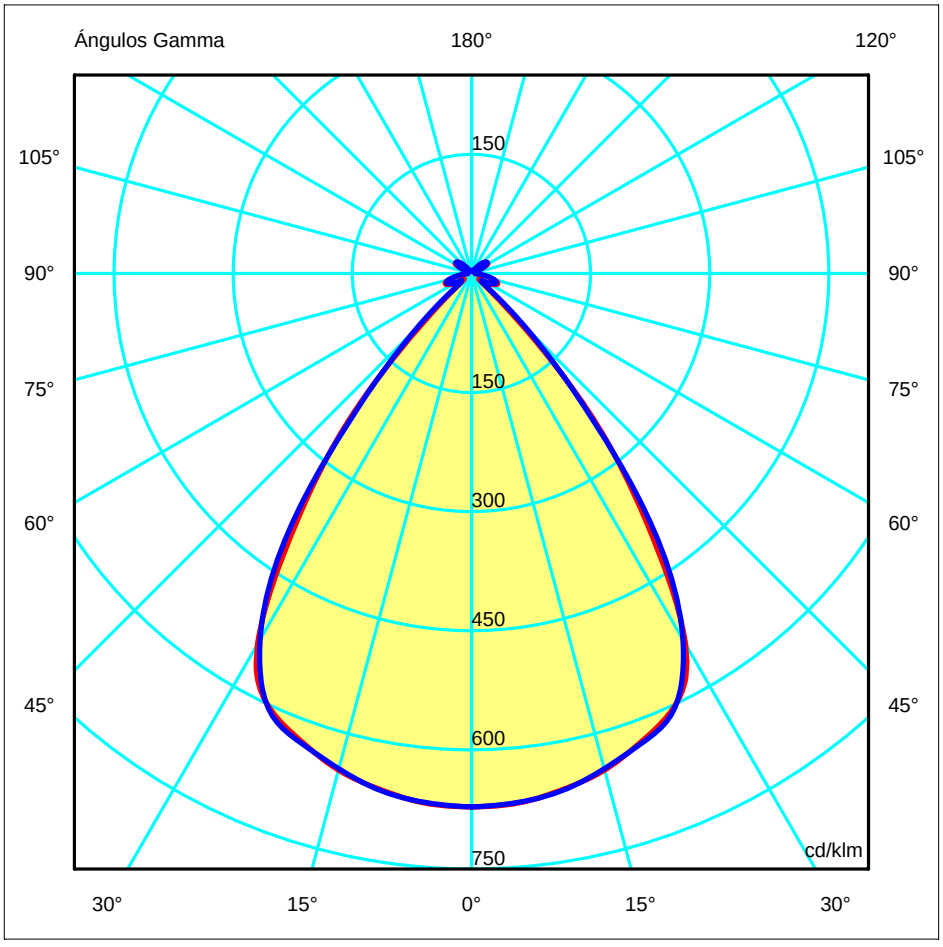
Diam=900mm



Semiplanos C

180.0 — 0.0

270.0 — 90.0



ULOR	6.55 %
DLOR	93.45 %
RN	6.55 %

Luminaria		**Ensayo**		**Lámpara**	
Código	26403201xx	Código	26403201xx	Código	26403201xx
Nombre	Suspensión leds SYRA-90 28W	Nombre	Suspensión leds SYRA-90 28W	Número	1
Familia	- BOVER	Fecha	15-07-2014	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	538.00 lm

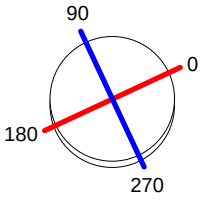
Tabla de Intensidad Luminosa cd/klm **Tabla 1/1**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	671.68	671.68	671.68	671.68	671.68	671.68	671.68
G 5.0	669.49	668.98	669.43	669.27	669.14	669.25	668.72
G 10.0	660.02	660.29	661.78	660.04	660.16	660.37	661.02
G 15.0	647.40	646.97	647.69	647.42	647.36	647.43	645.71
G 20.0	626.87	629.09	630.99	628.09	628.11	628.16	628.83
G 25.0	602.78	604.77	608.13	603.57	605.02	605.35	604.57
G 30.0	538.91	534.24	546.86	542.20	543.07	547.34	532.36
G 35.0	386.86	391.39	413.66	394.78	396.82	397.13	408.42
G 40.0	237.37	234.71	241.28	246.94	244.96	244.60	229.67
G 45.0	75.46	87.26	100.33	87.01	89.96	85.92	98.21
G 50.0	14.95	12.54	16.04	16.62	15.23	11.01	17.67
G 55.0	15.27	15.93	15.11	15.01	14.82	14.27	14.91
G 60.0	25.26	24.50	22.71	23.45	22.42	22.15	22.17
G 65.0	33.17	32.86	32.27	31.22	30.54	30.67	30.81
G 70.0	35.24	35.48	35.10	34.19	34.01	34.13	33.24
G 75.0	29.44	29.94	31.15	29.41	29.89	30.00	29.33
G 80.0	18.42	18.10	19.58	19.33	19.28	19.43	19.02
G 85.0	8.13	7.72	9.20	8.44	8.24	8.01	9.75
G 90.0	4.24	4.24	3.97	4.71	4.19	3.81	4.77
G 95.0	5.78	5.68	5.73	5.71	5.47	5.50	5.06
G100.0	5.58	5.60	5.66	5.54	5.27	5.19	5.07
G105.0	5.21	5.09	5.21	4.94	4.86	4.70	4.77
G110.0	5.55	5.62	5.33	4.90	5.45	5.04	4.78
G115.0	10.27	12.31	10.32	10.19	10.97	10.30	11.63
G120.0	23.77	24.00	23.48	22.91	23.34	24.51	19.81
G125.0	24.17	25.39	25.34	25.10	24.87	24.92	24.10
G130.0	22.17	22.89	23.09	22.98	22.87	22.68	22.34
G135.0	17.41	17.24	18.25	17.93	17.59	17.55	17.80
G140.0	10.20	9.80	10.39	10.50	10.42	10.58	10.06
G145.0	4.87	5.40	5.67	5.28	5.40	5.23	5.67
G150.0	4.03	4.03	4.07	4.06	4.04	4.01	3.90
G155.0	3.60	3.60	3.62	3.65	3.60	3.56	3.53
G160.0	3.39	3.38	3.38	3.40	3.39	3.36	3.33
G165.0	3.65	3.67	3.62	3.64	3.66	3.63	3.68
G170.0	3.93	3.92	3.95	3.89	3.86	3.86	3.91
G175.0	3.52	3.58	3.54	3.59	3.50	3.52	3.54
G180.0	3.56	3.55	3.55	3.58	3.55	3.54	3.53

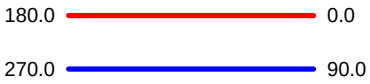
Luminaria		Ensayo		Lámpara	
Código	26403201xx	Código	26403201xx	Código	26403201xx
Nombre	Suspensión leds SYRA-90 28W	Nombre	Suspensión leds SYRA-90 28W	Número	1
Familia	- BOVER	Fecha	15-07-2014	Posición	Universal

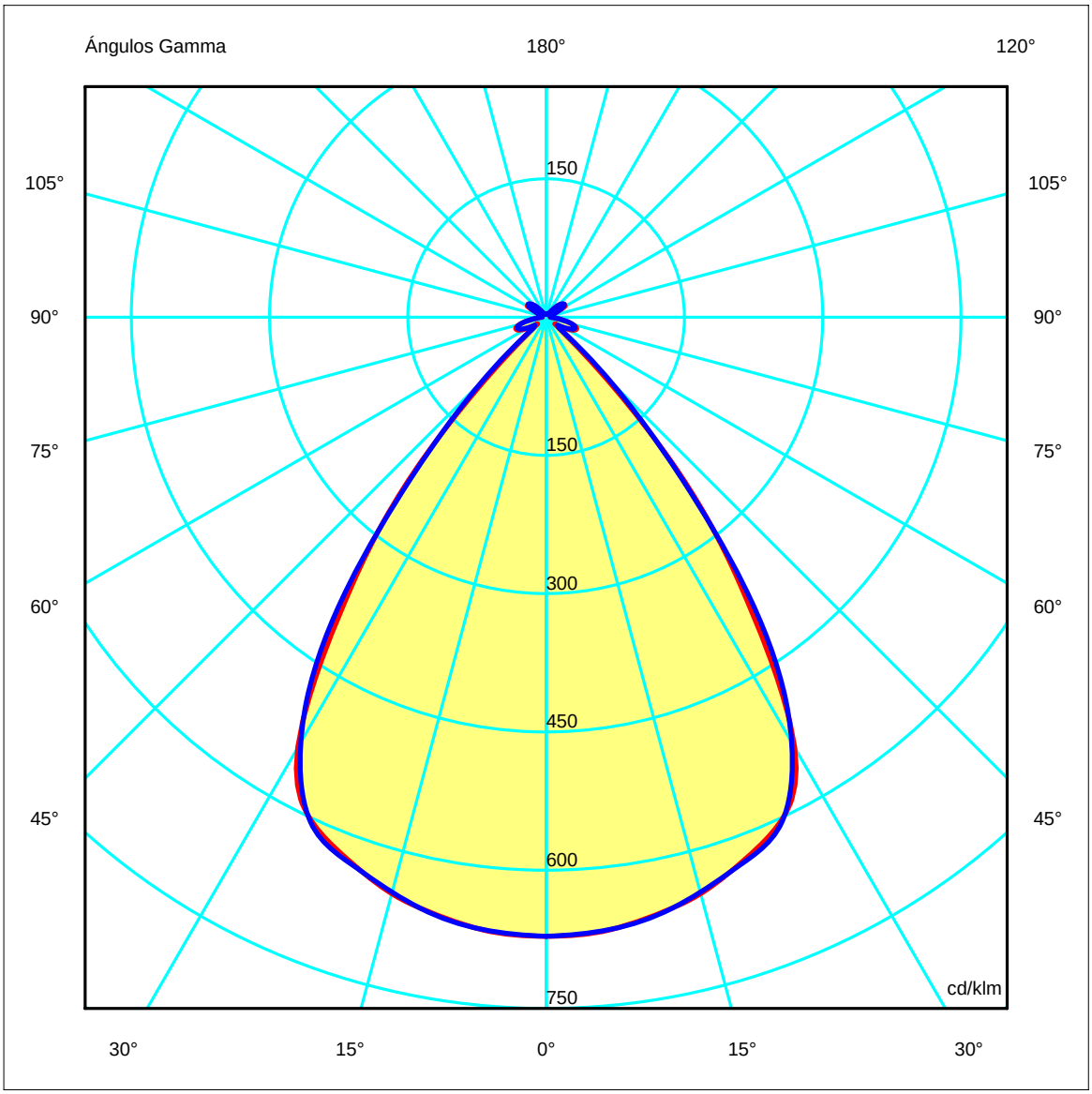
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	538.00 lm

Diam=900mm



Semiplanos C

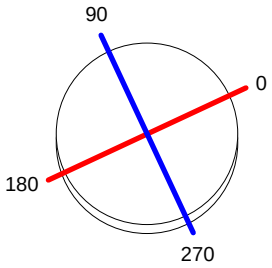




Luminaria		Ensayo		Lámpara	
Código	26403201xx	Código	26403201xx	Código	26403201xx
Nombre	Suspensión leds SYRA-90 28W	Nombre	Suspensión leds SYRA-90 28W	Número	1
Familia	- BOVER	Fecha	15-07-2014	Posición	Universal

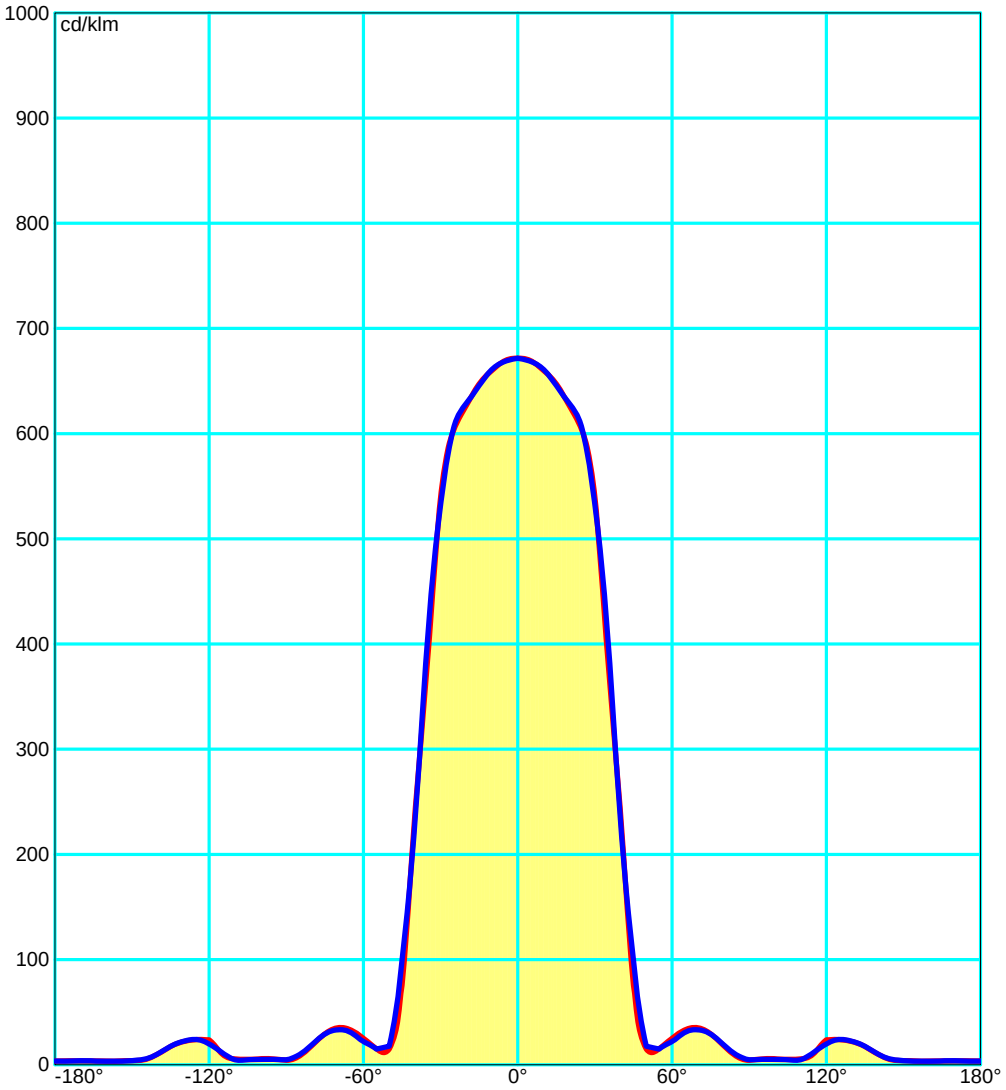
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	538.00 lm

Diam=900mm



Semiplanos C





Luminaria		Ensayo		Lámpara	
Código	26403201xx	Código	26403201xx	Código	26403201xx
Nombre	Suspensión leds SYRA-90 28W	Nombre	Suspensión leds SYRA-90 28W	Número	1
Familia	- BOVER	Fecha	15-07-2014	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	538.00 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	< 0	< 0	< 0	0.3	0.6	< 0	< 0	< 0	0.3	0.6
x=2H y=3H	< 0	0.6	0.2	0.9	1.2	< 0	0.5	0.1	0.8	1.2
x=2H y=4H	0.3	1.0	0.7	1.3	1.6	0.2	0.9	0.6	1.3	1.6
x=2H y=6H	0.6	1.2	1.0	1.6	2.0	0.5	1.1	0.9	1.6	2.0
x=2H y=8H	0.6	1.2	1.1	1.7	2.0	0.6	1.2	1.0	1.6	2.0
x=2H y=12H	0.6	1.2	1.1	1.6	2.1	0.6	1.2	1.1	1.6	2.1
x=4H y=2H	< 0	< 0	< 0	0.2	0.6	< 0	< 0	< 0	0.2	0.6
x=4H y=3H	0.2	0.8	0.6	1.2	1.5	0.1	0.7	0.5	1.1	1.5
x=4H y=4H	0.8	1.3	1.3	1.8	2.2	0.7	1.2	1.2	1.7	2.2
x=4H y=6H	1.2	1.7	1.8	2.2	2.6	1.2	1.6	1.7	2.1	2.6
x=4H y=8H	1.3	1.7	1.9	2.2	2.7	1.3	1.7	1.8	2.2	2.7
x=4H y=12H	1.4	1.7	1.9	2.2	2.8	1.4	1.7	1.9	2.2	2.8
x=8H y=4H	1.1	1.5	1.6	2.0	2.4	1.0	1.4	1.5	1.9	2.4
x=8H y=6H	1.6	1.9	2.2	2.4	3.0	1.5	1.9	2.1	2.4	3.0
x=8H y=8H	1.7	2.0	2.3	2.6	3.1	1.7	2.0	2.3	2.5	3.1
x=8H y=12H	1.8	2.0	2.4	2.6	3.2	1.8	2.0	2.4	2.6	3.2
x=12H y=4H	1.1	1.4	1.6	1.9	2.4	1.0	1.3	1.5	1.8	2.4
x=12H y=6H	1.6	1.9	2.2	2.5	3.0	1.6	1.9	2.2	2.4	3.0
x=12H y=8H	1.8	2.0	2.4	2.6	3.2	1.8	2.0	2.4	2.6	3.2

Luminaria		**Ensayo**		**Lámpara**	
Código	26403201xx	Código	26403201xx	Código	26403201xx
Nombre	Suspensión leds SYRA-90 28W	Nombre	Suspensión leds SYRA-90 28W	Número	1
Familia	- BOVER	Fecha	15-07-2014	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	538.00 lm

Flujo Total=538.00 Flujo Luminaria=538.00

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	0.62	0.67	0.72	0.76	0.79	0.85	0.89	0.91	0.94	0.95	0.99	1.00
RC	-	-	-	-	-	1	-	-	-	-	-	-

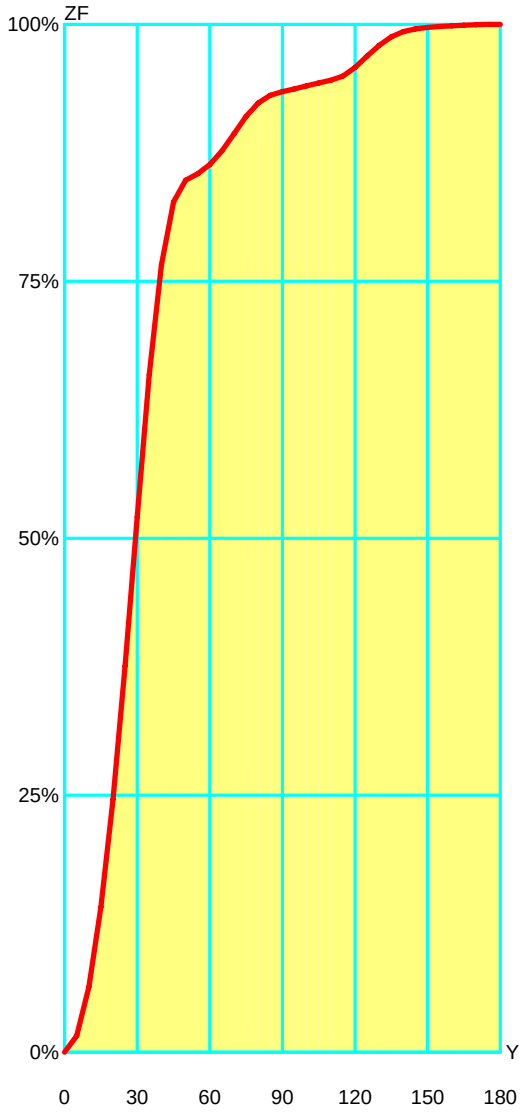
Flujo Zonal por 1000 Lúmenes

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	64	246	521	766	848	864	894	924	934	940	946	958	980	993	997	999	1000	1000

Códigos de Flujo C.I.E.

84 92 98 93 100

C.I.E.	-/-/-/-/-/1/-/-/-/-/-/-	LOR	100.00000 %
D DIN 5040	A61	ULOR	6.55081 %
F UTE	0.93 A + 0.07 T	DLOR	93.44919 %
B NBN	BZ 1 / 3 / BZ 2	UFF	6.55081 %
RN	6.55081 %	DFF	93.44919 %
BLF	1.0	FFR	7.01002 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	16.03	16.03	1.60 %	1.60 %
10°	47.57	63.60	4.76 %	6.36 %
15°	77.58	141.17	7.76 %	14.12 %
20°	105.16	246.33	10.52 %	24.63 %
25°	129.40	375.73	12.94 %	37.57 %
30°	145.11	520.84	14.51 %	52.08 %
35°	138.44	659.28	13.84 %	65.93 %
40°	106.71	765.99	10.67 %	76.60 %
45°	61.20	827.19	6.12 %	82.72 %
50°	21.05	848.25	2.11 %	84.82 %
55°	6.45	854.70	0.65 %	85.47 %
60°	8.83	863.52	0.88 %	86.35 %
65°	13.31	876.83	1.33 %	87.68 %
70°	16.74	893.58	1.67 %	89.36 %
75°	16.86	910.43	1.69 %	91.04 %
80°	13.12	923.55	1.31 %	92.36 %
85°	7.47	931.03	0.75 %	93.10 %
90°	3.47	934.49	0.35 %	93.45 %
95°	2.69	937.18	0.27 %	93.72 %
100°	2.99	940.17	0.30 %	94.02 %
105°	2.78	942.96	0.28 %	94.30 %
110°	2.67	945.63	0.27 %	94.56 %
115°	4.07	949.70	0.41 %	94.97 %
120°	8.31	958.01	0.83 %	95.80 %
125°	11.16	969.17	1.12 %	96.92 %
130°	10.38	979.56	1.04 %	97.96 %
135°	8.18	987.74	0.82 %	98.77 %
140°	5.18	992.92	0.52 %	99.29 %
145°	2.62	995.54	0.26 %	99.55 %
150°	1.38	996.92	0.14 %	99.69 %
155°	0.97	997.89	0.10 %	99.79 %
160°	0.73	998.62	0.07 %	99.86 %
165°	0.58	999.20	0.06 %	99.92 %
170°	0.45	999.65	0.04 %	99.96 %
175°	0.27	999.92	0.03 %	99.99 %
180°	0.08	1000.00	0.01 %	100.00 %

Luminaria		Ensayo		Lámpara	
Código	26403201xx	Código	26403201xx	Código	26403201xx
Nombre	Suspensión leds SYRA-90 28W	Nombre	Suspensión leds SYRA-90 28W	Número	1
Familia	- BOVER	Fecha	15-07-2014	Posición	Universal

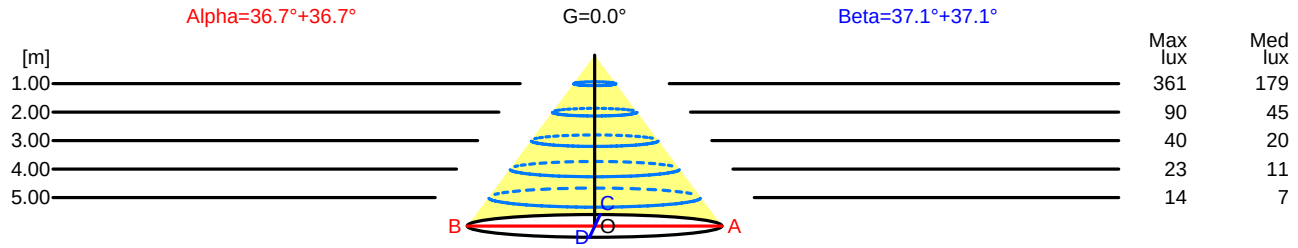
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	538.00 lm

Apertura a 50.00 % de Max Intensidad

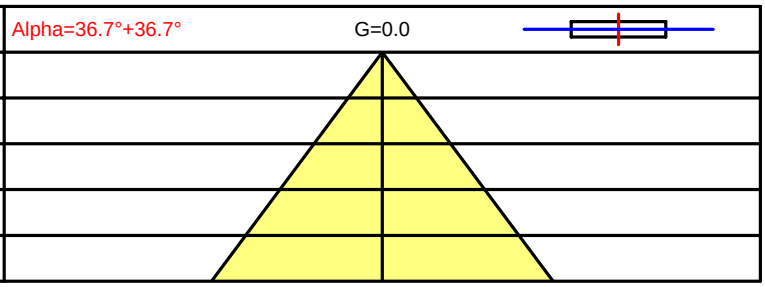
H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	0.75	1.49	2.24	2.98	3.73	OC	0.76	1.51	2.27	3.02	3.78
OB	0.75	1.49	2.24	2.98	3.73	OD	0.76	1.51	2.27	3.02	3.78

Intensidades Luminosas [cd/klm]

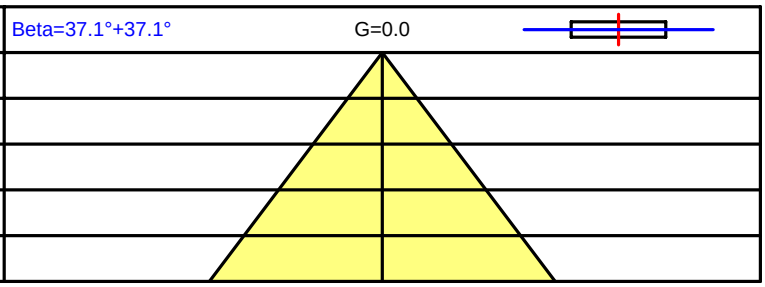
	0	5	15	25	35	45	55	65	75	85
OA	361.36	360.19	348.30	324.30	208.13	40.60	8.22	17.85	15.84	4.37
OB	361.36	360.19	348.30	324.30	208.13	40.60	8.22	17.85	15.84	4.37
OC	361.36	359.77	347.39	325.26	219.73	52.84	8.02	16.58	15.78	5.25
OD	361.36	359.77	347.39	325.26	219.73	52.84	8.02	16.58	15.78	5.25



H[m]	D[m]	Max lux	Med lux
1.00	1.49	361	179
2.00	2.98	90	45
3.00	4.47	40	20
4.00	5.97	23	11
5.00	7.46	14	7



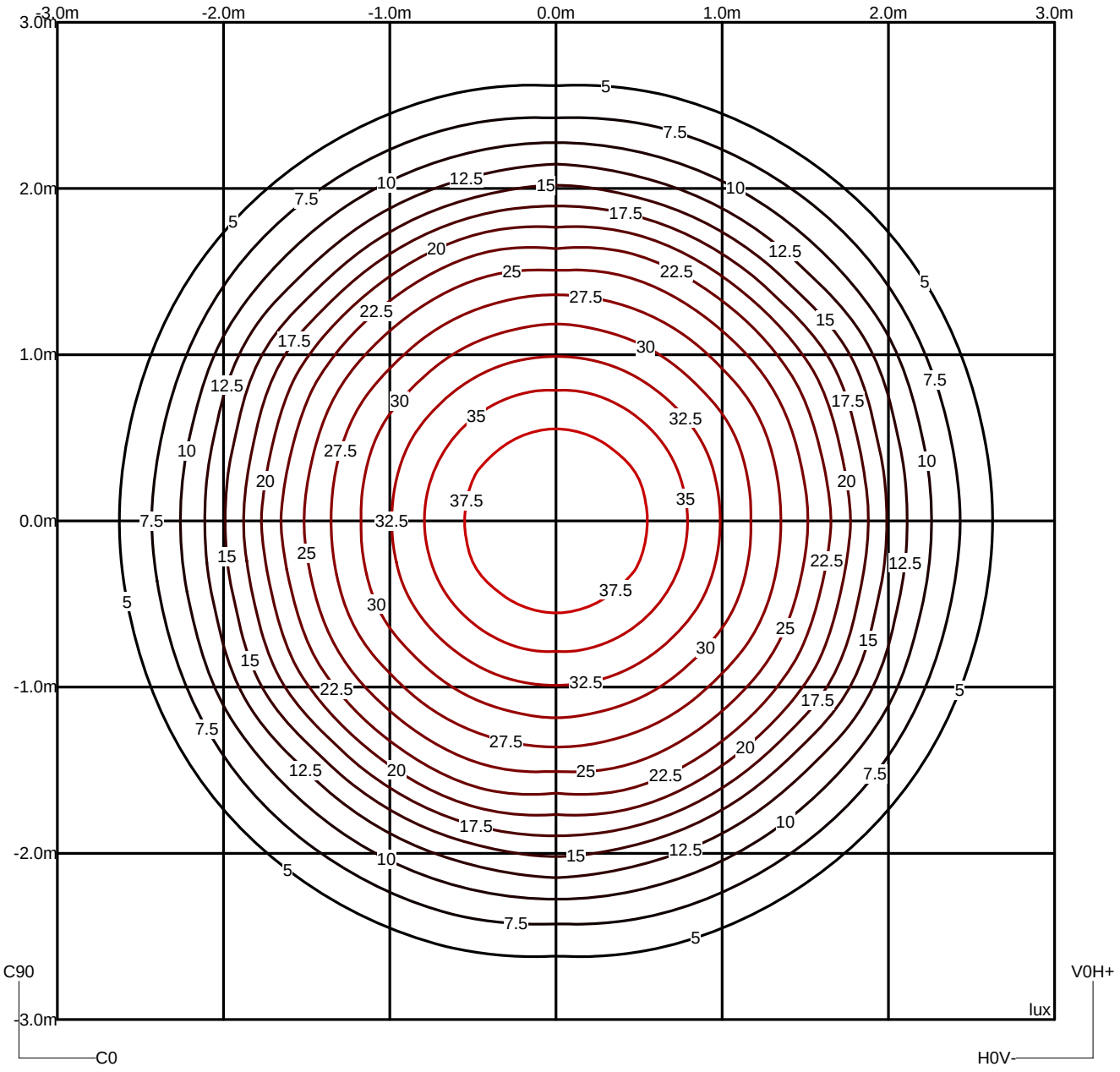
H[m]	D[m]	Max lux	Med lux
1.00	1.51	361	179
2.00	3.02	90	45
3.00	4.53	40	20
4.00	6.04	23	11
5.00	7.55	14	7



Luminaria		Ensayo		Lámpara	
Código	26403201xx	Código	26403201xx	Código	26403201xx
Nombre	Suspensión leds SYRA-90 28W	Nombre	Suspensión leds SYRA-90 28W	Número	1
Familia	- BOVER	Fecha	15-07-2014	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	538.00 lm

Isolux (Suelo)

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



Luminaria		**Ensayo**		**Lámpara**	
Código	26403201xx	Código	26403201xx	Código	26403201xx
Nombre	Suspensión leds SYRA-90 28W	Nombre	Suspensión leds SYRA-90 28W	Número	1
Familia	- BOVER	Fecha	15-07-2014	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	538.00 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	223	200	161	145	190	139	139	118	103	88	78	59	61	41	82	63	56	49	39	53	42	36	25
0.80	260	238	175	161	227	154	172	150	117	103	91	73	72	52	96	76	69	60	50	65	52	46	29
1.00	285	265	179	168	252	160	198	177	126	113	101	83	81	62	106	86	79	70	59	75	61	54	33
1.25	310	292	182	173	278	166	225	204	134	123	110	93	90	72	115	96	89	79	69	85	71	64	36
1.50	328	311	183	175	297	169	246	227	140	130	117	102	98	81	122	103	97	87	78	92	79	72	39
2.00	352	338	181	175	322	169	279	261	146	137	126	114	110	95	130	114	109	100	91	104	92	85	44
2.50	367	355	178	173	339	168	301	285	149	142	133	122	119	105	135	122	117	110	101	112	102	95	47
3.00	378	368	175	171	352	167	319	304	151	145	138	128	126	113	139	127	123	117	109	118	109	102	49
4.00	394	386	174	171	369	167	343	330	155	150	144	136	135	124	144	135	132	127	121	127	120	114	52
5.00	404	398	172	170	381	166	359	348	157	154	149	142	141	132	148	140	137	134	128	133	127	121	55
10.00	426	423	170	169	406	166	395	389	162	160	158	155	155	150	155	152	151	149	146	146	144	139	60
20.00	439	437	168	168	419	165	415	412	165	164	164	162	163	160	159	159	158	158	157	154	154	150	62

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	327	315	250	242	309	238	243	234	192	185	161	153	138	132	182	154	152	134	131	150	131	129	108
0.80	370	357	272	265	347	259	283	271	216	209	186	177	162	154	204	177	174	157	153	171	153	149	124
1.00	394	381	279	272	369	266	308	295	227	220	198	189	176	167	213	189	185	169	164	181	164	160	131
1.25	418	406	286	280	391	273	334	321	238	232	212	203	190	181	223	201	197	182	177	192	176	171	139
1.50	436	424	290	285	406	277	353	340	246	240	221	212	201	191	230	209	206	192	187	200	184	178	144
2.00	447	437	282	277	416	269	371	358	244	239	224	215	207	197	228	210	207	196	190	199	187	179	141
2.50	450	441	270	266	418	257	378	366	238	233	220	213	206	196	220	206	203	194	188	194	183	174	134
3.00	447	438	256	253	414	244	380	368	228	223	213	206	201	192	210	198	195	188	183	185	176	166	124
4.00	449	442	244	242	415	233	387	377	220	217	209	203	199	191	202	193	191	185	180	179	172	161	116
5.00	447	441	234	232	412	222	389	380	212	209	203	198	195	188	194	187	184	180	176	172	166	154	107
10.00	411	407	178	177	375	167	363	357	163	161	159	156	155	150	144	141	140	138	135	124	122	107	57
20.00	324	322	80	80	288	70	283	280	69	68	68	66	67	65	50	50	49	49	47	32	32	15	0

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	791	778	738	729	770	724	691	681	665	658	625	617	596	590	653	618	615	591	588	613	588	586	575
0.80	865	850	797	788	838	780	758	745	723	715	682	672	651	642	707	672	668	644	640	664	639	635	624
1.00	928	912	845	837	896	827	819	805	775	766	736	725	705	695	756	723	718	696	690	713	689	683	672
1.25	982	967	885	877	947	866	874	858	819	810	782	770	752	740	797	766	761	740	734	754	731	724	712
1.50	1000	1000	914	907	984	894	916	900	851	842	817	804	789	775	827	799	794	775	768	784	763	754	742
2.00	1000	1000	957	951	1000	937	985	968	903	895	874	862	849	835	876	852	848	832	825	835	817	805	793
2.50	1000	1000	984	979	1000	964	1000	1000	936	929	912	900	891	877	908	888	884	871	863	868	854	839	827
3.00	1000	1000	1000	998	1000	983	1000	1000	960	953	939	929	922	908	931	914	910	900	892	893	880	864	852
4.00	1000	1000	1000	1000	1000	1000	1000	1000	985	980	970	960	955	943	955	942	938	931	924	918	909	889	877
5.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	996	988	980	977	966	969	959	956	950	944	934	926	904	892
10.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	996	994	992	988	966	964	937	923
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	983	982	953	938

LM53 SHR C0-C180: 1.178 SHR C90-C270: 1.166 SHR Superficial: 1.075

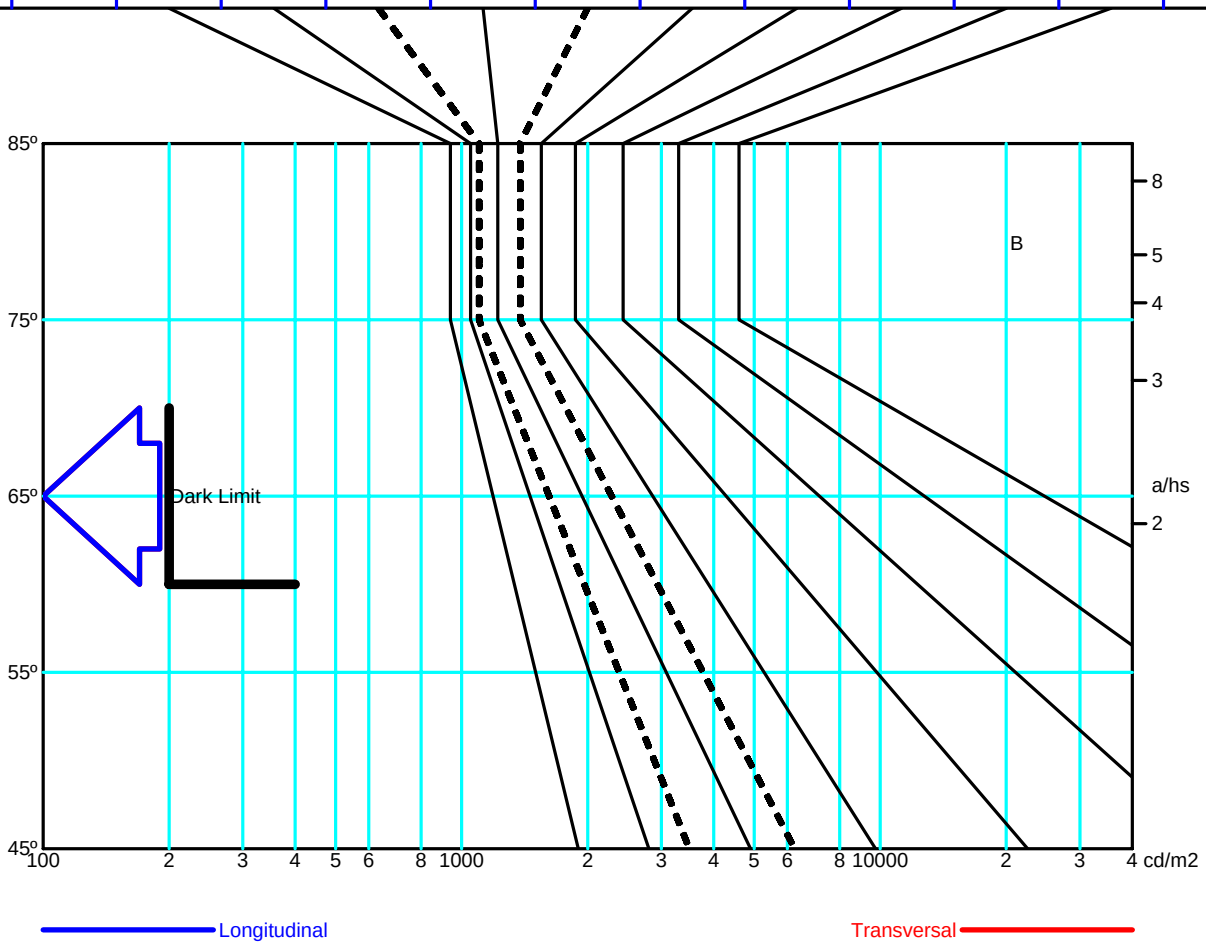
Luminaria		Ensayo		Lámpara	
Código	26403201xx	Código	26403201xx	Código	26403201xx
Nombre	Suspensión leds SYRA-90 28W	Nombre	Suspensión leds SYRA-90 28W	Número	1
Familia	- BOVER	Fecha	15-07-2014	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	538.00 lm

Luminancia Media [cd/m²]

	45°	50°	55°	60°	65°	70°	75°	80°	85°	
0.0°	47	9	10	16	22	24	21	14	7	---
90.0°	61	11	9	14	21	23	21	15	8	---

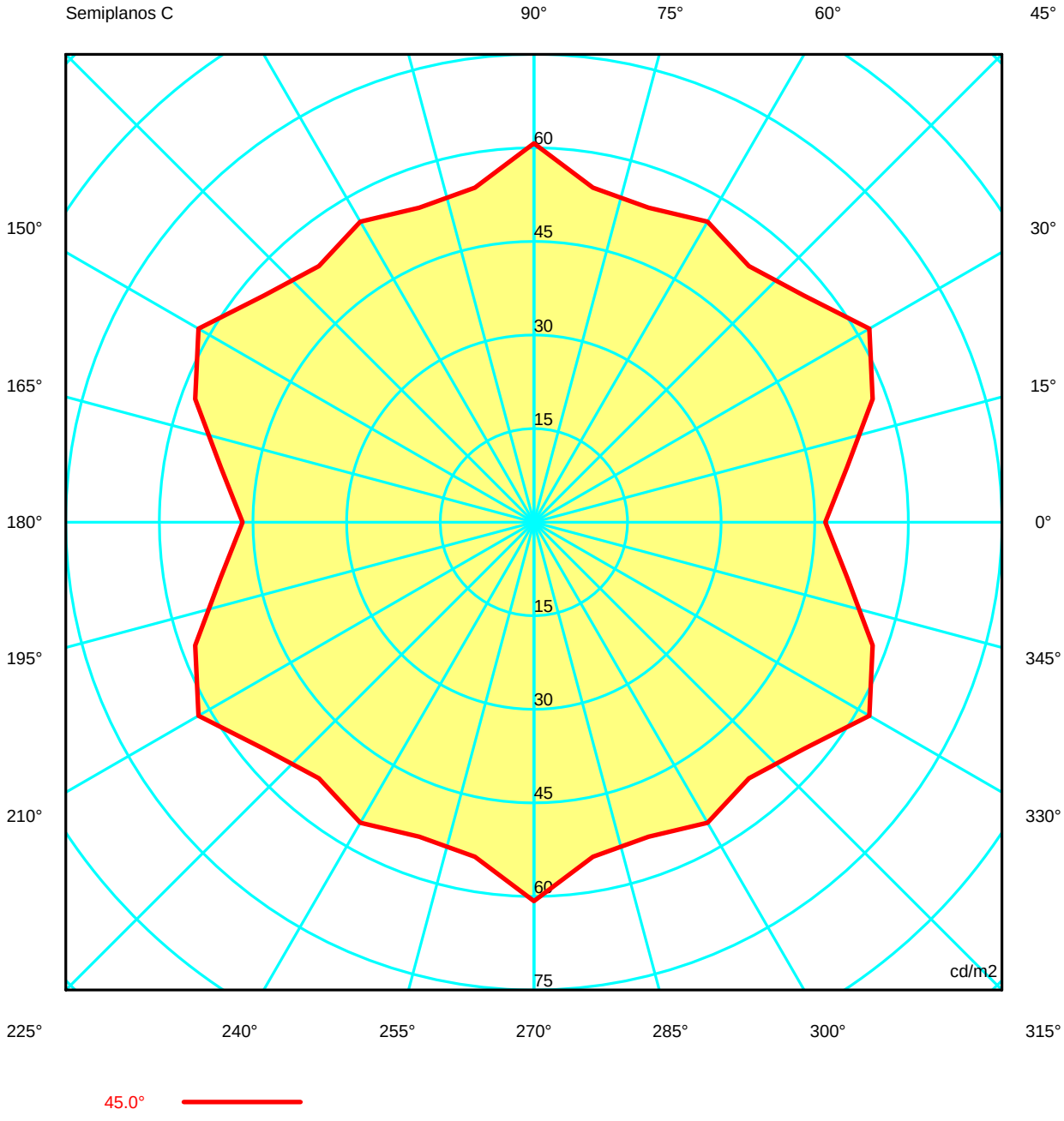
Flujo montado o vista transversal

		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	26403201xx	Código	26403201xx	Código	26403201xx
Nombre	Suspensión leds SYRA-90 28W	Nombre	Suspensión leds SYRA-90 28W	Número	1
Familia	- BOVER	Fecha	15-07-2014	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	538.00 lm

Luminancia



Luminaria		**Ensayo**		**Lámpara**	
Código	26403201xx	Código	26403201xx	Código	26403201xx
Nombre	Suspensión leds SYRA-90 28W	Nombre	Suspensión leds SYRA-90 28W	Número	1
Familia	- BOVER	Fecha	15-07-2014	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	538.00 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	568.02	568.02	568.02	568.02	568.02	568.02	568.02	568.02	568.02	568.02	568.02	568.02	568.02
G 5.0	525.42	525.06	525.10	525.37	525.33	525.17	525.14	525.23	525.14	524.81	525.14	525.23	525.14
G 10.0	486.65	486.79	487.32	487.96	487.13	486.70	486.76	486.86	487.03	487.39	487.03	486.86	486.76
G 15.0	453.38	453.08	453.23	453.58	453.46	453.38	453.35	453.38	453.12	452.20	453.12	453.38	453.35
G 20.0	421.06	421.98	423.22	423.83	422.54	421.88	421.89	421.92	422.02	422.38	422.02	421.92	421.89
G 25.0	391.85	392.46	394.17	395.33	393.31	392.68	393.30	393.63	393.36	393.01	393.36	393.63	393.30
G 30.0	341.93	338.56	341.45	346.97	345.00	343.30	344.57	347.31	345.32	337.77	345.32	347.31	344.57
G 35.0	241.50	243.38	249.82	258.23	250.82	246.87	247.72	247.85	249.40	254.96	249.40	247.85	247.72
G 40.0	146.93	145.29	146.14	149.35	152.27	152.62	151.63	151.48	149.28	142.16	149.28	151.48	151.63
G 45.0	46.67	50.94	57.74	62.05	56.50	53.60	55.64	53.66	54.45	60.74	54.45	53.66	55.64
G 50.0	9.31	7.90	8.35	9.99	10.41	10.30	9.48	7.30	7.52	11.00	7.52	7.30	9.48
G 55.0	9.65	10.03	9.94	9.55	9.50	9.44	9.36	9.08	9.07	9.42	9.07	9.08	9.36
G 60.0	16.33	16.11	15.38	14.68	15.00	15.05	14.49	14.38	14.33	14.33	14.33	14.38	14.49
G 65.0	22.11	21.98	21.80	21.51	21.04	20.60	20.35	20.39	20.48	20.54	20.48	20.39	20.35
G 70.0	24.44	24.58	24.58	24.34	23.90	23.60	23.59	23.64	23.54	23.05	23.54	23.64	23.59
G 75.0	21.45	21.57	22.22	22.69	21.84	21.54	21.77	21.93	21.73	21.37	21.73	21.93	21.77
G 80.0	14.25	13.91	14.35	15.15	15.02	14.88	14.92	15.03	14.97	14.72	14.97	15.03	14.92
G 85.0	6.76	6.32	6.82	7.65	7.30	6.89	6.85	6.61	6.97	8.11	6.97	6.61	6.85
G 90.0	3.84	3.89	3.76	3.60	4.08	4.24	3.79	3.44	3.64	4.32	3.64	3.44	3.79

Luminaria		Ensayo		Lámpara	
Código	26403201xx	Código	26403201xx	Código	26403201xx
Nombre	Suspensión leds SYRA-90 28W	Nombre	Suspensión leds SYRA-90 28W	Número	1
Familia	- BOVER	Fecha	15-07-2014	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	538.00 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	568.02	568.02	568.02	568.02	568.02	568.02	568.02	568.02	568.02	568.02	568.02	568.02	568.02
G 5.0	525.17	525.33	525.37	525.10	525.06	525.42	525.06	525.10	525.37	525.33	525.17	525.14	525.23
G 10.0	486.70	487.13	487.96	487.32	486.79	486.65	486.79	487.32	487.96	487.13	486.70	486.76	486.86
G 15.0	453.38	453.46	453.58	453.23	453.08	453.38	453.08	453.23	453.58	453.46	453.38	453.35	453.38
G 20.0	421.88	422.54	423.83	423.22	421.98	421.06	421.98	423.22	423.83	422.54	421.88	421.89	421.92
G 25.0	392.68	393.31	395.33	394.17	392.46	391.85	392.46	394.17	395.33	393.31	392.68	393.30	393.63
G 30.0	343.30	345.00	346.97	341.45	338.56	341.93	338.56	341.45	346.97	345.00	343.30	344.57	347.31
G 35.0	246.87	250.82	258.23	249.82	243.38	241.50	243.38	249.82	258.23	250.82	246.87	247.72	247.85
G 40.0	152.62	152.27	149.35	146.14	145.29	146.93	145.29	146.14	149.35	152.27	152.62	151.63	151.48
G 45.0	53.60	56.50	62.05	57.74	50.94	46.67	50.94	57.74	62.05	56.50	53.60	55.64	53.66
G 50.0	10.30	10.41	9.99	8.35	7.90	9.31	7.90	8.35	9.99	10.41	10.30	9.48	7.30
G 55.0	9.44	9.50	9.55	9.94	10.03	9.65	10.03	9.94	9.55	9.50	9.44	9.36	9.08
G 60.0	15.05	15.00	14.68	15.38	16.11	16.33	16.11	15.38	14.68	15.00	15.05	14.49	14.38
G 65.0	20.60	21.04	21.51	21.80	21.98	22.11	21.98	21.80	21.51	21.04	20.60	20.35	20.39
G 70.0	23.60	23.90	24.34	24.58	24.58	24.44	24.58	24.58	24.34	23.90	23.60	23.59	23.64
G 75.0	21.54	21.84	22.69	22.22	21.57	21.45	21.57	22.22	22.69	21.84	21.54	21.77	21.93
G 80.0	14.88	15.02	15.15	14.35	13.91	14.25	13.91	14.35	15.15	15.02	14.88	14.92	15.03
G 85.0	6.89	7.30	7.65	6.82	6.32	6.76	6.32	6.82	7.65	7.30	6.89	6.85	6.61
G 90.0	4.24	4.08	3.60	3.76	3.89	3.84	3.89	3.76	3.60	4.08	4.24	3.79	3.44

Luminaria		**Ensayo**		**Lámpara**	
Código	26403201xx	Código	26403201xx	Código	26403201xx
Nombre	Suspensión leds SYRA-90 28W	Nombre	Suspensión leds SYRA-90 28W	Número	1
Familia	- BOVER	Fecha	15-07-2014	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	538.00 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	568.02	568.02	568.02	568.02	568.02	568.02	568.02	568.02	568.02	568.02	568.02	568.02	568.02
G 5.0	525.42	525.06	525.10	525.37	525.33	525.17	525.14	525.23	525.14	524.81	525.14	525.23	525.14
G 10.0	486.65	486.79	487.32	487.96	487.13	486.70	486.76	486.86	487.03	487.39	487.03	486.86	486.76
G 15.0	453.38	453.08	453.23	453.58	453.46	453.38	453.35	453.38	453.12	452.20	453.12	453.38	453.35
G 20.0	421.06	421.98	423.22	423.83	422.54	421.88	421.89	421.92	422.02	422.38	422.02	421.92	421.89
G 25.0	391.85	392.46	394.17	395.33	393.31	392.68	393.30	393.63	393.36	393.01	393.36	393.63	393.30
G 30.0	341.93	338.56	341.45	346.97	345.00	343.30	344.57	347.31	345.32	337.77	345.32	347.31	344.57
G 35.0	241.50	243.38	249.82	258.23	250.82	246.87	247.72	247.85	249.40	254.96	249.40	247.85	247.72
G 40.0	146.93	145.29	146.14	149.35	152.27	152.62	151.63	151.48	149.28	142.16	149.28	151.48	151.63
G 45.0	46.67	50.94	57.74	62.05	56.50	53.60	55.64	53.66	54.45	60.74	54.45	53.66	55.64
G 50.0	9.31	7.90	8.35	9.99	10.41	10.30	9.48	7.30	7.52	11.00	7.52	7.30	9.48
G 55.0	9.65	10.03	9.94	9.55	9.50	9.44	9.36	9.08	9.07	9.42	9.07	9.08	9.36
G 60.0	16.33	16.11	15.38	14.68	15.00	15.05	14.49	14.38	14.33	14.33	14.33	14.38	14.49
G 65.0	22.11	21.98	21.80	21.51	21.04	20.60	20.35	20.39	20.48	20.54	20.48	20.39	20.35
G 70.0	24.44	24.58	24.58	24.34	23.90	23.60	23.59	23.64	23.54	23.05	23.54	23.64	23.59
G 75.0	21.45	21.57	22.22	22.69	21.84	21.54	21.77	21.93	21.73	21.37	21.73	21.93	21.77
G 80.0	14.25	13.91	14.35	15.15	15.02	14.88	14.92	15.03	14.97	14.72	14.97	15.03	14.92
G 85.0	6.76	6.32	6.82	7.65	7.30	6.89	6.85	6.61	6.97	8.11	6.97	6.61	6.85
G 90.0	3.84	3.89	3.76	3.60	4.08	4.24	3.79	3.44	3.64	4.32	3.64	3.44	3.79