Luminaria		**Ensayo**		**Lámpara**	
Código	25603200xxU	Código	25601200xxU	Código	25601200xxU
Nombre	Susp. SLEND-03 5W led GU10	Nombre	Susp. SLEND-01 5W led GU10	Número	1
Familia	- BOVER	Fecha	05-05-2014	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	215.60 lm
Valor Máximo	462.07 cd/klm	Posición	C=90.00 G=5.00	Bisimétrico	

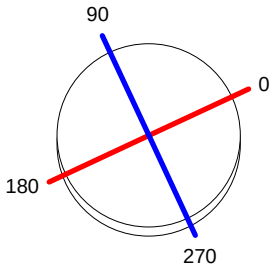
Luminaria Redonda	Diam.	75 mm	Altura	744 mm	
Área Luminosa Redonda	Diam.	52 mm	Altura	0 mm	
Área Luminosa Horizontal	0.002124 m2		Área Emisión sobre Pl. 180°	0.000000 m2	
Área Emisión sobre Pl. 0°	0.000000 m2		Área Emisión sobre Pl. 270°	0.000000 m2	
Área Emisión sobre Pl. 90°	0.000000 m2		Área de deslumbramiento a 76°	0.000514 m2	
Tipo de Simetría	Bisimétrico		Máximo Ángulo Gamma	90	
Distancia de Ensayo	6.44		Flujo de Ensayo	215.60 lm	
Operador	Asselum T2		Tensión de alimentación		
Temperatura	21.00 °C		Corriente de alimentación		
Humedad	50.00 %		Fotocélula	Prc	
Notas					

Lámparas de la Luminaria

Familia	Código	Nombre	Flujo [lm]	Pot. [W]	Cant.
- BOVER	25601200xxU	Lámpara led blanca 5W	215.60	5.00	1

C.I.E.	57 86 98 100 100	D DIN 5040	A40
F UTE	1.00 D	B NBN	BZ 3

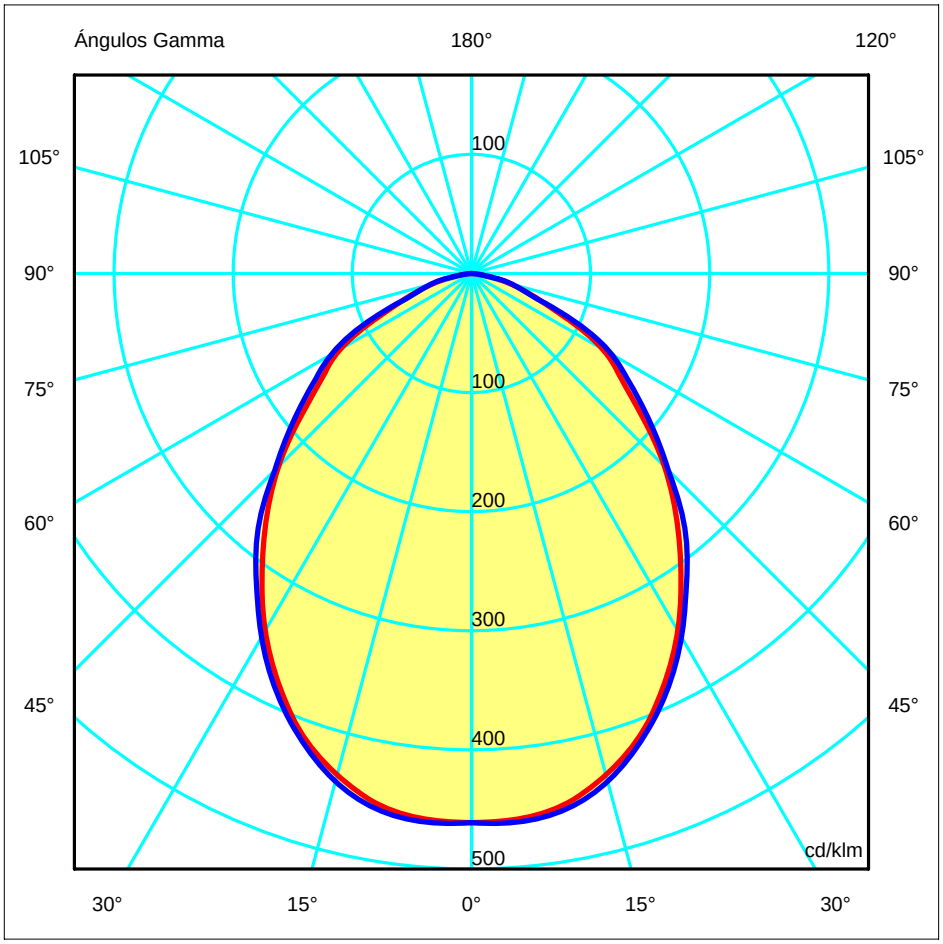
Diam=75mm



Semiplanos C

180.0 — 0.0

270.0 — 90.0



ULOR	0.00 %
DLOR	100.00 %
RN	0.00 %

Luminaria		Ensayo		Lámpara	
Código	25603200xxU	Código	25601200xxU	Código	25601200xxU
Nombre	Susp. SLEND-03 5W led GU10	Nombre	Susp. SLEND-01 5W led GU10	Número	1
Familia	- BOVER	Fecha	05-05-2014	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	215.60 lm

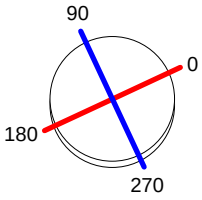
Tabla de Intensidad Luminosa cd/klm **Tabla 1/1**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	461.02	461.02	461.02	461.02	461.02	461.02	461.02
G 5.0	459.51	461.02	460.40	460.11	460.83	459.28	462.07
G 10.0	452.37	458.00	455.68	452.50	455.36	450.69	456.77
G 15.0	435.70	441.19	440.29	437.70	440.41	437.39	441.35
G 20.0	413.08	415.72	419.66	413.19	415.25	413.93	417.23
G 25.0	381.70	383.56	388.68	383.36	385.64	384.16	387.39
G 30.0	346.29	346.86	354.71	349.06	352.03	351.45	352.51
G 35.0	306.50	307.03	316.06	308.63	311.88	316.04	314.70
G 40.0	267.65	269.43	276.60	272.59	276.75	276.58	278.70
G 45.0	228.96	229.60	236.45	230.88	233.49	235.74	233.60
G 50.0	187.58	188.44	195.04	192.14	194.54	196.70	196.94
G 55.0	152.97	152.65	161.00	158.32	160.41	164.17	163.02
G 60.0	127.44	121.37	133.48	130.42	133.26	138.17	135.93
G 65.0	86.38	85.78	93.08	91.42	93.13	95.21	96.75
G 70.0	54.61	55.34	58.24	57.25	53.51	58.44	52.60
G 75.0	35.17	35.92	37.04	35.27	36.58	33.98	37.13
G 80.0	15.02	16.26	17.61	16.37	15.22	15.57	15.72
G 85.0	4.47	4.51	4.97	4.36	4.45	4.71	4.48
G 90.0	1.13	1.14	1.11	1.08	1.12	1.16	1.14

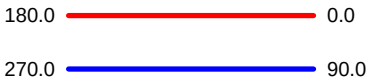
Luminaria		Ensayo		Lámpara	
Código	25603200xxU	Código	25601200xxU	Código	25601200xxU
Nombre	Susp. SLEND-03 5W led GU10	Nombre	Susp. SLEND-01 5W led GU10	Número	1
Familia	- BOVER	Fecha	05-05-2014	Posición	Universal

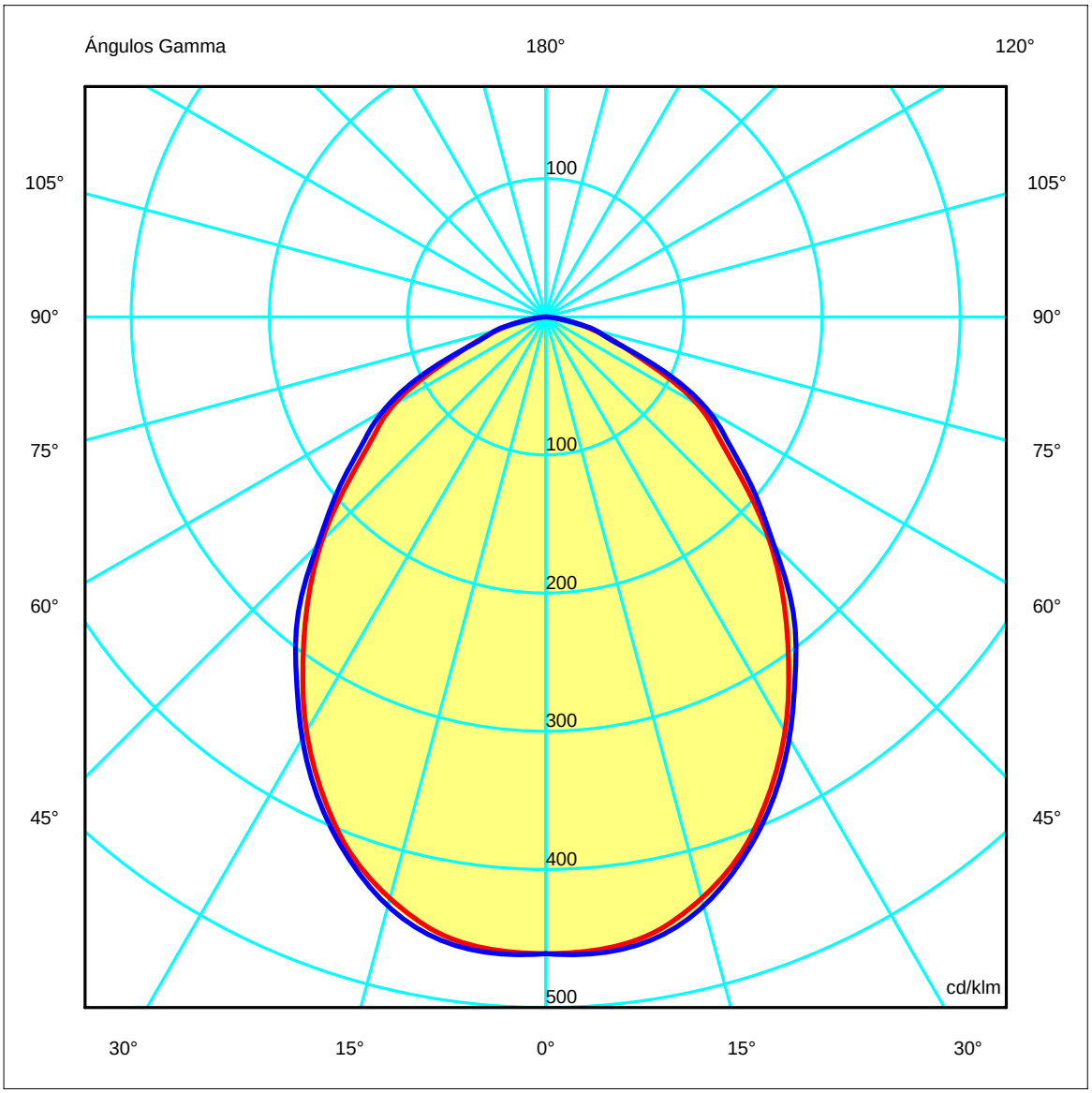
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	215.60 lm

Diam=75mm



Semiplanos C

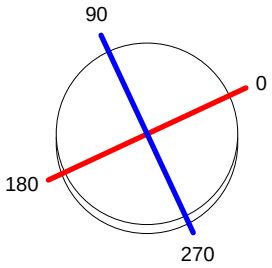




Luminaria		Ensayo		Lámpara	
Código	25603200xxU	Código	25601200xxU	Código	25601200xxU
Nombre	Susp. SLEND-03 5W led GU10	Nombre	Susp. SLEND-01 5W led GU10	Número	1
Familia	- BOVER	Fecha	05-05-2014	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	215.60 lm

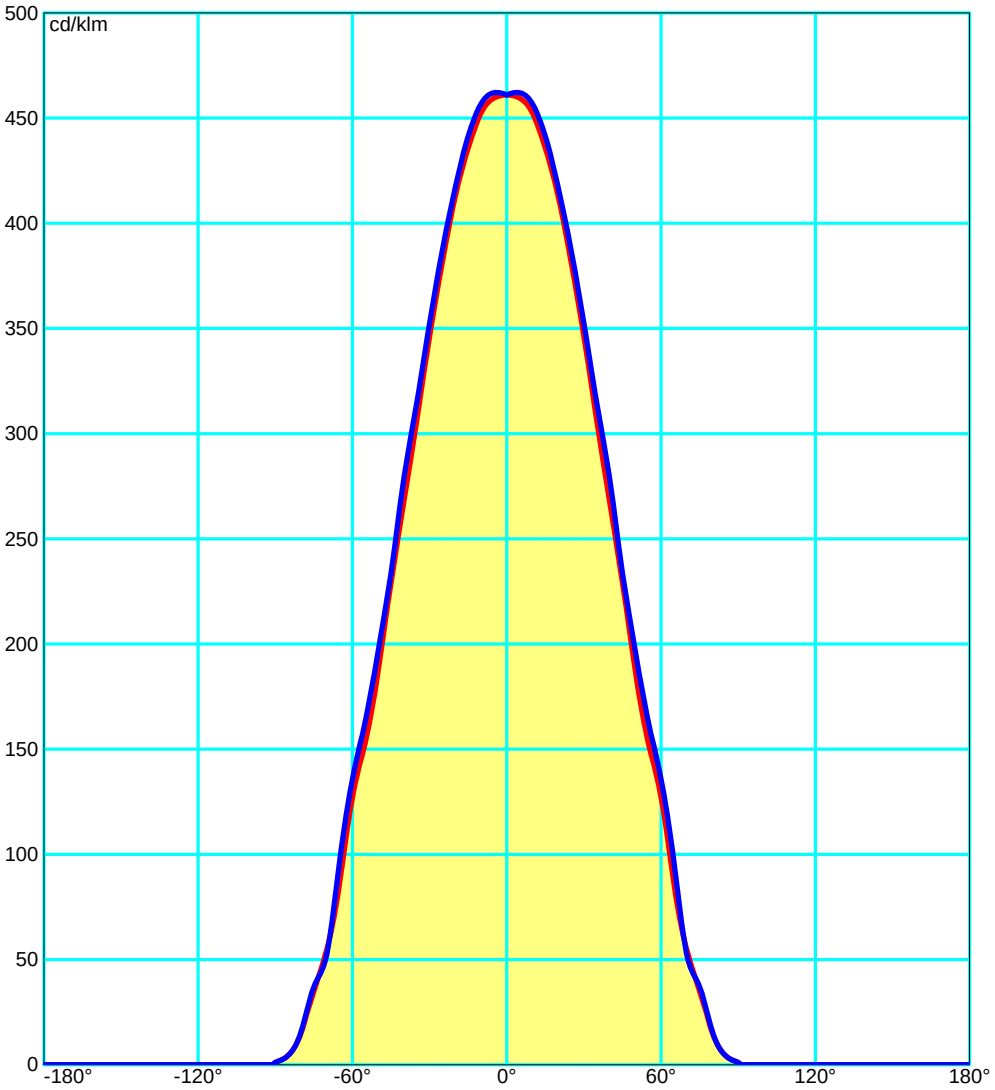
Diam=75mm



Semiplanos C

180.0 — 0.0

270.0 — 90.0



Luminaria		Ensayo		Lámpara	
Código	25603200xxU	Código	25601200xxU	Código	25601200xxU
Nombre	Susp. SLEND-03 5W led GU10	Nombre	Susp. SLEND-01 5W led GU10	Número	1
Familia	- BOVER	Fecha	05-05-2014	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	215.60 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	23.6	24.8	23.9	25.0	25.6	24.0	25.1	24.2	25.4	25.6
x=2H y=3H	24.5	25.6	24.8	25.8	26.4	24.8	25.9	25.1	26.2	26.4
x=2H y=4H	24.8	25.8	25.1	26.0	26.7	25.1	26.1	25.4	26.4	26.7
x=2H y=6H	24.9	25.8	25.3	26.1	26.7	25.2	26.1	25.6	26.4	26.7
x=2H y=8H	24.9	25.8	25.3	26.1	26.7	25.2	26.1	25.6	26.4	26.7
x=2H y=12H	24.9	25.8	25.3	26.1	26.7	25.2	26.1	25.6	26.4	26.7
x=4H y=2H	24.2	25.2	24.5	25.5	26.0	24.5	25.5	24.8	25.7	26.0
x=4H y=3H	25.2	26.1	25.6	26.4	27.0	25.5	26.3	25.8	26.6	27.0
x=4H y=4H	25.6	26.4	26.0	26.7	27.3	25.8	26.6	26.2	26.9	27.3
x=4H y=6H	25.8	26.5	26.2	26.8	27.4	26.0	26.6	26.4	27.0	27.4
x=4H y=8H	25.9	26.4	26.3	26.8	27.4	26.0	26.6	26.4	27.0	27.4
x=4H y=12H	25.9	26.4	26.3	26.8	27.4	26.0	26.5	26.5	27.0	27.4
x=8H y=4H	25.8	26.4	26.2	26.7	27.3	26.0	26.5	26.4	26.9	27.3
x=8H y=6H	26.0	26.5	26.5	27.0	27.6	26.2	26.7	26.7	27.1	27.6
x=8H y=8H	26.1	26.5	26.6	27.0	27.6	26.2	26.7	26.7	27.1	27.6
x=8H y=12H	26.1	26.5	26.6	26.9	27.6	26.2	26.6	26.7	27.1	27.6
x=12H y=4H	25.8	26.3	26.2	26.7	27.3	25.9	26.5	26.4	26.9	27.3
x=12H y=6H	26.1	26.5	26.5	26.9	27.5	26.2	26.6	26.7	27.1	27.5
x=12H y=8H	26.1	26.5	26.6	26.9	27.6	26.2	26.6	26.7	27.1	27.6

Luminaria		**Ensayo**		**Lámpara**	
Código	25603200xxU	Código	25601200xxU	Código	25601200xxU
Nombre	Susp. SLEND-03 5W led GU10	Nombre	Susp. SLEND-01 5W led GU10	Número	1
Familia	- BOVER	Fecha	05-05-2014	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	215.60 lm

Flujo Total=215.60 Flujo Luminaria=215.59

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	0.37	0.46	0.54	0.61	0.66	0.74	0.79	0.83	0.87	0.89	0.95	0.97
RC	4	4	4	4	3	3	3	3	3	3	3	3

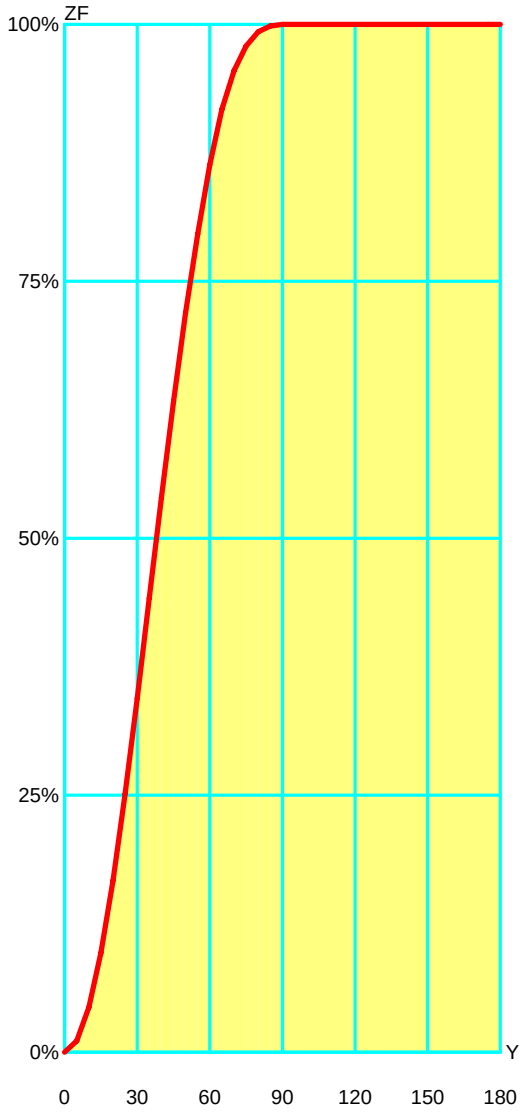
Flujo Zonal por 1000 Lúmenes

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	44	167	344	540	720	863	955	993	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.

57 86 98 100 100

C.I.E.	4/4/4/4/3/3/3/3/3/3/3	LOR	99.99768 %
D DIN 5040	A40	ULOR	0.00000 %
F UTE	1.00 D	DLOR	99.99768 %
B NBN	BZ 3	UFF	0.00000 %
RN	0.00000 %	DFF	100.00000 %
BLF	1.0	FFR	0.00000 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	11.02	11.02	1.10 %	1.10 %
10°	32.73	43.74	3.27 %	4.37 %
15°	53.01	96.76	5.30 %	9.68 %
20°	70.44	167.20	7.04 %	16.72 %
25°	83.96	251.16	8.40 %	25.12 %
30°	93.09	344.24	9.31 %	34.43 %
35°	97.53	441.77	9.75 %	44.18 %
40°	97.75	539.52	9.78 %	53.95 %
45°	93.89	633.41	9.39 %	63.34 %
50°	86.10	719.51	8.61 %	71.95 %
55°	76.60	796.11	7.66 %	79.61 %
60°	67.15	863.25	6.71 %	86.33 %
65°	54.23	917.49	5.42 %	91.75 %
70°	37.41	954.90	3.74 %	95.49 %
75°	24.02	978.92	2.40 %	97.89 %
80°	13.88	992.81	1.39 %	99.28 %
85°	5.61	998.42	0.56 %	99.84 %
90°	1.56	999.98	0.16 %	100.00 %
95°	0.00	999.98	0.00 %	100.00 %
100°	0.00	999.98	0.00 %	100.00 %
105°	0.00	999.98	0.00 %	100.00 %
110°	0.00	999.98	0.00 %	100.00 %
115°	0.00	999.98	0.00 %	100.00 %
120°	0.00	999.98	0.00 %	100.00 %
125°	0.00	999.98	0.00 %	100.00 %
130°	0.00	999.98	0.00 %	100.00 %
135°	0.00	999.98	0.00 %	100.00 %
140°	0.00	999.98	0.00 %	100.00 %
145°	0.00	999.98	0.00 %	100.00 %
150°	0.00	999.98	0.00 %	100.00 %
155°	0.00	999.98	0.00 %	100.00 %
160°	0.00	999.98	0.00 %	100.00 %
165°	0.00	999.98	0.00 %	100.00 %
170°	0.00	999.98	0.00 %	100.00 %
175°	0.00	999.98	0.00 %	100.00 %
180°	0.00	999.98	0.00 %	100.00 %

Luminaria		**Ensayo**		**Lámpara**	
Código	25603200xxU	Código	25601200xxU	Código	25601200xxU
Nombre	Susp. SLEND-03 5W led GU10	Nombre	Susp. SLEND-01 5W led GU10	Número	1
Familia	- BOVER	Fecha	05-05-2014	Posición	Universal

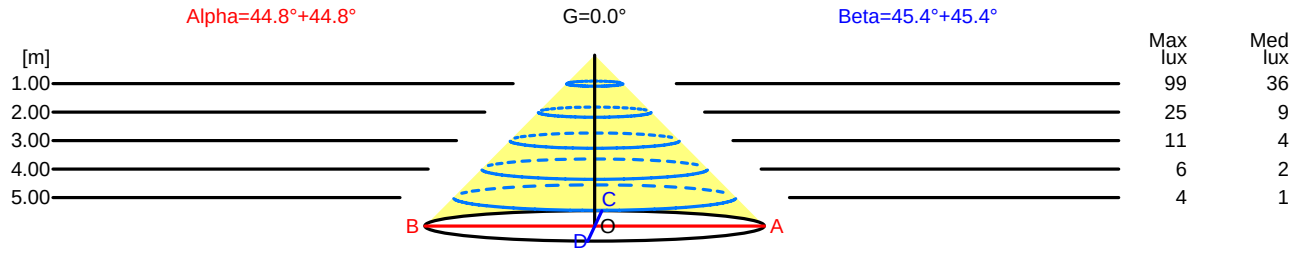
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	215.60 lm

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	0.99	1.99	2.98	3.97	4.97	OC	1.01	2.03	3.04	4.05	5.07
OB	0.99	1.99	2.98	3.97	4.97	OD	1.01	2.03	3.04	4.05	5.07

Intensidades Luminosas [cd/klm]

	0	5	15	25	35	45	55	65	75	85
OA	99.40	99.07	93.94	82.29	66.08	49.36	32.98	18.62	7.58	0.96
OB	99.40	99.07	93.94	82.29	66.08	49.36	32.98	18.62	7.58	0.96
OC	99.40	99.62	95.16	83.52	67.85	50.36	35.15	20.86	8.01	0.97
OD	99.40	99.62	95.16	83.52	67.85	50.36	35.15	20.86	8.01	0.97



H[m]	D[m]	Max lux	Med lux	Alpha=44.8°+44.8° G=0.0
1.00	1.99	99	36	
2.00	3.97	25	9	
3.00	5.96	11	4	
4.00	7.95	6	2	
5.00	9.93	4	1	

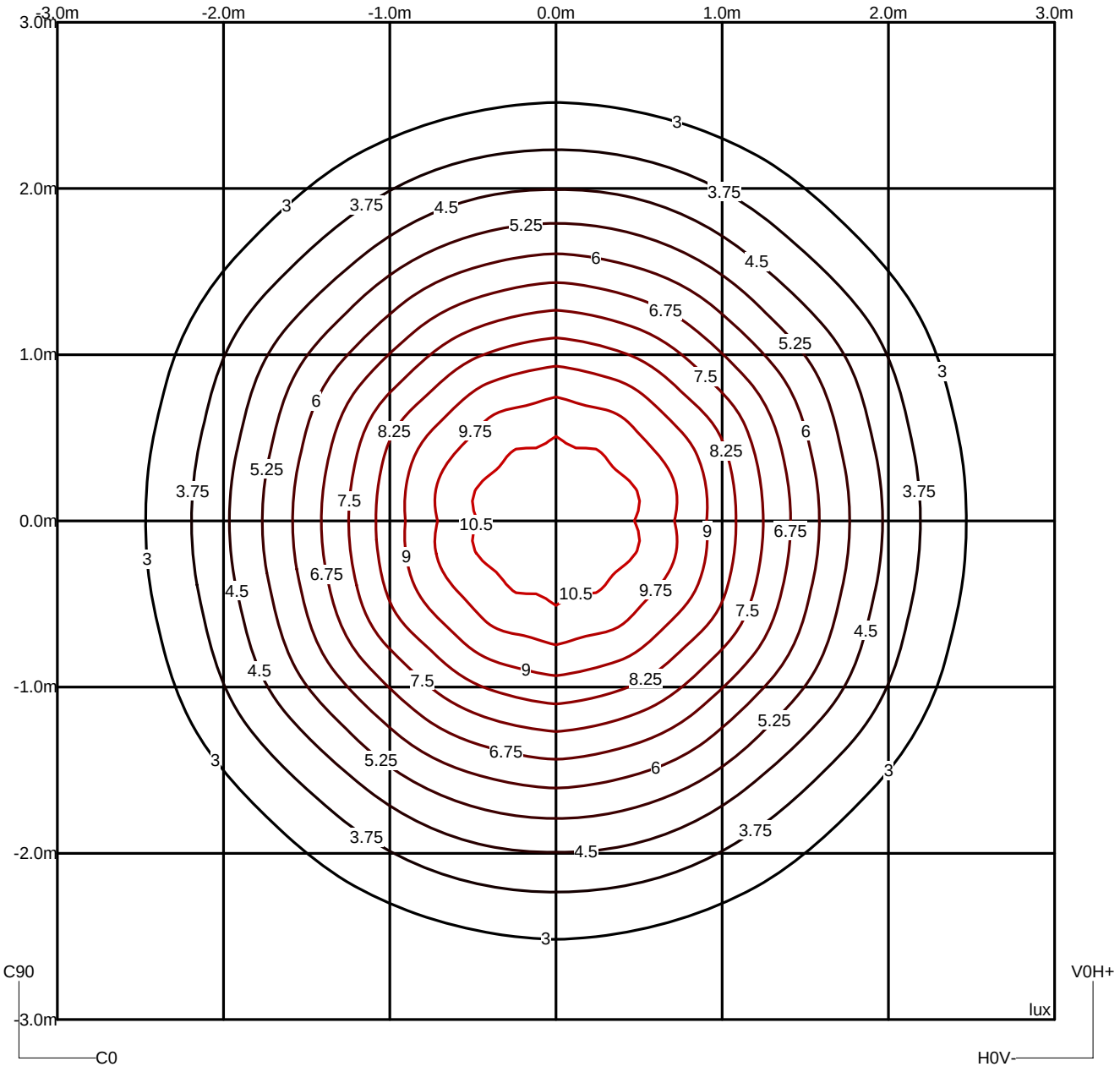
H[m]	D[m]	Max lux	Med lux	Beta=45.4°+45.4° G=0.0
1.00	2.03	99	36	
2.00	4.05	25	9	
3.00	6.08	11	4	
4.00	8.11	6	2	
5.00	10.13	4	1	

Luminaria		Ensayo		Lámpara	
Código	25603200xxU	Código	25601200xxU	Código	25601200xxU
Nombre	Susp. SLEND-03 5W led GU10	Nombre	Susp. SLEND-01 5W led GU10	Número	1
Familia	- BOVER	Fecha	05-05-2014	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	215.60 lm

Isolux (Suelo)

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



Luminaria		**Ensayo**		**Lámpara**	
Código	25603200xxU	Código	25601200xxU	Código	25601200xxU
Nombre	Susp. SLEND-03 5W led GU10	Nombre	Susp. SLEND-01 5W led GU10	Número	1
Familia	- BOVER	Fecha	05-05-2014	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	215.60 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	208	187	158	143	178	136	109	92	81	69	44	33	17	12	65	35	31	14	11	30	12	10	0
0.80	241	221	167	154	210	147	137	120	92	81	53	42	24	17	76	44	40	20	17	38	17	15	0
1.00	263	245	167	157	233	150	160	143	98	88	60	49	30	23	83	51	47	26	22	44	23	20	0
1.25	283	266	164	156	253	150	184	167	102	94	66	56	37	29	88	57	53	32	28	51	29	26	0
1.50	297	282	160	153	269	147	203	186	105	97	71	61	43	35	91	62	58	38	34	56	34	31	0
2.00	315	303	150	145	289	140	232	217	106	100	77	69	52	45	94	69	66	48	43	63	44	40	0
2.50	327	317	143	139	302	135	252	239	106	101	81	74	60	53	96	74	71	55	51	68	51	48	0
3.00	336	327	137	134	312	130	268	256	106	102	84	78	66	59	97	78	75	61	57	73	57	53	0
4.00	349	341	131	129	327	125	291	280	106	103	89	84	74	68	99	84	81	69	66	78	65	62	0
5.00	357	351	127	125	336	122	305	296	107	104	92	88	79	74	100	87	85	75	72	83	71	68	0
10.00	375	372	118	118	357	116	339	334	107	106	99	97	92	89	103	95	94	88	87	92	85	82	0
20.00	384	383	113	113	368	111	359	356	107	107	103	102	99	98	104	100	100	96	95	97	94	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	437	426	374	366	420	362	331	323	292	287	245	241	211	209	284	241	240	210	209	239	209	208	188
0.80	487	475	402	395	466	390	379	370	325	319	279	274	244	241	315	274	272	242	241	271	241	240	215
1.00	517	505	414	407	494	401	412	402	343	337	299	294	266	262	332	294	292	263	261	289	261	260	232
1.25	543	531	421	415	518	408	442	431	357	352	317	311	285	281	345	310	308	281	279	305	279	277	246
1.50	561	550	423	419	534	412	464	453	366	361	329	323	299	294	354	322	319	295	292	316	291	289	256
2.00	574	565	414	410	546	403	486	476	367	363	336	331	310	305	354	328	326	305	302	321	300	297	260
2.50	581	572	405	402	552	395	500	490	365	361	339	334	316	311	352	330	328	310	307	322	305	300	260
3.00	583	575	396	393	553	387	508	498	360	357	338	333	318	313	348	328	327	311	308	321	305	300	258
4.00	592	586	390	389	562	382	525	516	361	359	343	339	326	322	349	333	331	318	316	324	311	305	261
5.00	600	595	388	387	569	380	538	530	363	361	348	344	333	329	351	337	336	325	323	328	317	310	264
10.00	616	613	384	383	585	376	566	562	367	366	358	356	349	347	354	347	346	339	338	336	330	321	271
20.00	615	614	371	370	583	364	573	570	359	358	354	353	349	348	346	342	342	338	337	331	328	318	265

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	645	633	602	593	625	588	517	509	498	492	437	433	393	391	489	433	431	392	391	430	391	390	374
0.80	752	738	692	684	726	676	619	609	590	584	529	523	483	480	578	523	521	481	479	519	479	478	461
1.00	835	821	761	752	806	744	703	691	664	658	606	599	560	556	650	598	595	556	554	592	554	552	536
1.25	911	897	821	814	878	804	782	769	733	726	677	670	633	628	716	668	665	629	626	661	625	622	606
1.50	967	953	864	857	931	846	842	828	782	776	731	723	689	683	764	720	717	683	680	711	678	674	659
2.00	1000	1000	923	918	1000	906	932	918	855	849	811	804	775	768	835	798	796	767	763	788	760	754	740
2.50	1000	1000	959	954	1000	943	991	978	900	894	863	855	830	823	880	848	845	820	817	836	812	804	792
3.00	1000	1000	983	979	1000	967	1000	1000	931	926	898	892	870	863	910	883	880	859	855	870	849	840	828
4.00	1000	1000	1000	1000	1000	995	1000	1000	966	963	941	935	917	911	945	924	921	904	900	909	892	881	870
5.00	1000	1000	1000	1000	1000	1000	1000	1000	988	985	966	961	946	940	966	948	946	931	928	932	918	905	894
10.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	999	998	989	987	980	972	956	946
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	984	973

LM53 SHR C0-C180: 1.132 SHR C90-C270: 1.143 SHR Superficial: 1.224

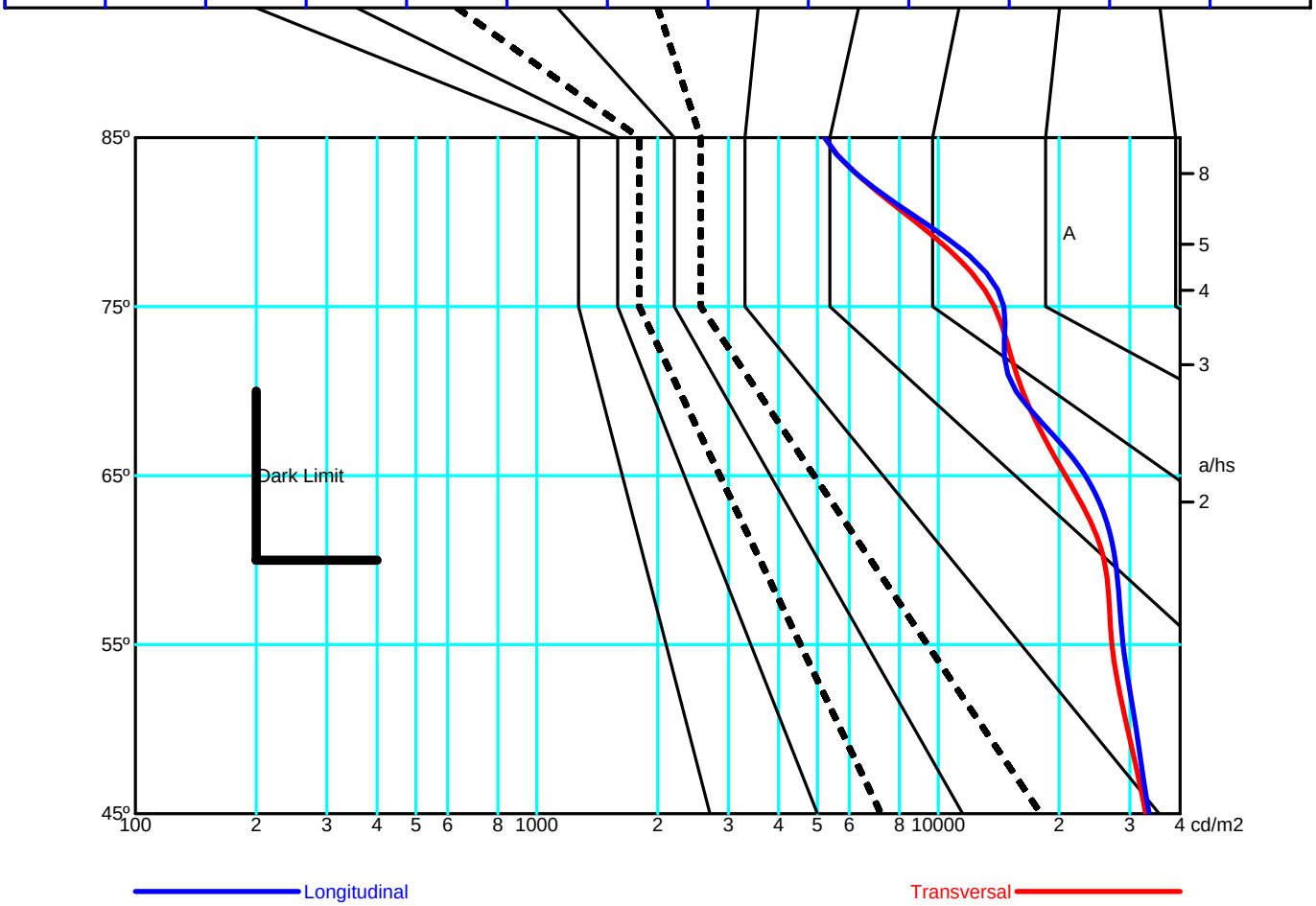
Luminaria		Ensayo		Lámpara	
Código	25603200xxU	Código	25601200xxU	Código	25601200xxU
Nombre	Susp. SLEND-03 5W led GU10	Nombre	Susp. SLEND-01 5W led GU10	Número	1
Familia	- BOVER	Fecha	05-05-2014	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	215.60 lm

Luminancia Media [cd/m²]

	45°	50°	55°	60°	65°	70°	75°	80°	85°	
0.0°	32867	29621	27071	25872	20747	16207	13794	8781	5206	---
90.0°	33533	31100	28849	27596	23237	15612	14564	9187	5215	---

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	25603200xxU	Código	25601200xxU	Código	25601200xxU
Nombre	Susp. SLEND-03 5W led GU10	Nombre	Susp. SLEND-01 5W led GU10	Número	1
Familia	- BOVER	Fecha	05-05-2014	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	215.60 lm

Luminancia



Luminaria
Código 25603200xxU
Nombre Susp. SLEND-03 5W led GU10
Familia - BOVER

Ensayo
Código 25601200xxU
NombreSusp. SLEND-01 5W led GU10
Fecha 05-05-2014

Lámpara
Código 25601200xxU
Número 1
Posición Universal

Rendimiento 100.00% | Sist. de Coorden. CG | Flujo Total 215.60 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	46796.61	46796.61	46796.61	46796.61	46796.61	46796.61	46796.61	46796.61	46796.61	46796.61	46796.61	46796.61	46796.61
G 5.0	46821.60	46945.29	46972.59	46912.48	46871.20	46906.94	46955.85	46831.22	46842.65	47082.71	46842.65	46831.22	46955.85
G 10.0	46626.75	47086.05	47210.67	46968.22	46666.89	46748.35	46935.49	46582.98	46528.09	47080.31	46528.09	46582.98	46935.49
G 15.0	45786.37	46227.86	46407.06	46269.16	46023.83	46089.28	46281.51	46056.50	46009.92	46380.61	46009.92	46056.50	46281.51
G 20.0	44621.49	44760.46	45120.07	45332.44	44843.81	44707.81	44856.06	44762.18	44763.51	45069.45	44763.51	44762.18	44856.06
G 25.0	42750.17	42815.01	43205.96	43532.64	43122.16	42952.51	43191.47	43082.94	43074.14	43387.67	43074.14	43082.94	43191.47
G 30.0	40588.67	40633.17	41005.68	41574.93	41140.32	41029.63	41261.70	41215.88	41193.65	41317.64	41193.65	41215.88	41261.70
G 35.0	37980.20	38024.23	38475.92	39164.79	38576.15	38199.47	38647.31	39067.48	39163.83	38997.04	39163.83	39067.48	38647.31
G 40.0	35465.56	35622.74	36068.62	36651.36	36285.80	36212.45	36670.89	36655.98	36686.09	36929.96	36686.09	36655.98	36670.89
G 45.0	32867.39	32928.76	33339.87	33942.44	33426.71	33118.52	33517.99	33811.75	33786.74	33533.06	33786.74	33811.75	33517.99
G 50.0	29621.45	29712.79	30135.79	30799.84	30522.26	30356.44	30720.63	30994.72	31075.05	31100.31	31075.05	30994.72	30720.63
G 55.0	27070.97	26824.68	27513.49	28492.88	28249.34	27989.51	28388.52	28905.64	29069.38	28849.15	29069.38	28905.64	28388.52
G 60.0	25872.38	24594.81	25366.31	27097.43	26683.32	26434.14	27053.98	27842.41	28037.83	27595.71	28037.83	27842.41	27053.98
G 65.0	20747.20	20401.00	21178.47	22356.20	22089.93	21960.20	22368.30	22729.58	22995.03	23237.41	22995.03	22729.58	22368.30
G 70.0	16207.27	16351.62	16701.14	17284.98	17308.83	16469.80	15879.81	16947.14	17155.82	15612.02	17155.82	16947.14	15879.81
G 75.0	13793.79	13931.31	14315.69	14526.95	13981.81	13993.61	14344.47	13604.57	13465.08	14563.84	13465.08	13604.57	14344.47
G 80.0	8780.80	9220.21	9849.36	10292.11	9911.68	9255.69	8899.50	9001.37	9131.52	9186.76	9131.52	9001.37	8899.50
G 85.0	5205.72	5237.34	5478.81	5791.80	5334.80	4995.83	5181.16	5432.27	5445.70	5214.85	5445.70	5432.27	5181.16
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	25603200xxU	Código	25601200xxU	Código	25601200xxU
Nombre	Susp. SLEND-03 5W led GU10	Nombre	Susp. SLEND-01 5W led GU10	Número	1
Familia	- BOVER	Fecha	05-05-2014	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	215.60 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	46796.61	46796.61	46796.61	46796.61	46796.61	46796.61	46796.61	46796.61	46796.61	46796.61	46796.61	46796.61	46796.61
G 5.0	46906.94	46871.20	46912.48	46972.59	46945.29	46821.60	46945.29	46972.59	46912.48	46871.20	46906.94	46955.85	46831.22
G 10.0	46748.35	46666.89	46968.22	47210.67	47086.05	46626.75	47086.05	47210.67	46968.22	46666.89	46748.35	46935.49	46582.98
G 15.0	46089.28	46023.83	46269.16	46407.06	46227.86	45786.37	46227.86	46407.06	46269.16	46023.83	46089.28	46281.51	46056.50
G 20.0	44707.81	44843.81	45332.44	45120.07	44760.46	44621.49	44760.46	45120.07	45332.44	44843.81	44707.81	44856.06	44762.18
G 25.0	42952.51	43122.16	43532.64	43205.96	42815.01	42750.17	42815.01	43205.96	43532.64	43122.16	42952.51	43191.47	43082.94
G 30.0	41029.63	41140.32	41574.93	41005.68	40633.17	40588.67	40633.17	41005.68	41574.93	41140.32	41029.63	41261.70	41215.88
G 35.0	38199.47	38576.15	39164.79	38475.92	38024.23	37980.20	38024.23	38475.92	39164.79	38576.15	38199.47	38647.31	39067.48
G 40.0	36212.45	36285.80	36651.36	36068.62	35622.74	35465.56	35622.74	36068.62	36651.36	36285.80	36212.45	36670.89	36655.98
G 45.0	33118.52	33426.71	33942.44	33339.87	32928.76	32867.39	32928.76	33339.87	33942.44	33426.71	33118.52	33517.99	33811.75
G 50.0	30356.44	30522.26	30799.84	30135.79	29712.79	29621.45	29712.79	30135.79	30799.84	30522.26	30356.44	30720.63	30994.72
G 55.0	27989.51	28249.34	28492.88	27513.49	26824.68	27070.97	26824.68	27513.49	28492.88	28249.34	27989.51	28388.52	28905.64
G 60.0	26434.14	26683.32	27097.43	25366.31	24594.81	25872.38	24594.81	25366.31	27097.43	26683.32	26434.14	27053.98	27842.41
G 65.0	21960.20	22089.93	22356.20	21178.47	20401.00	20747.20	20401.00	21178.47	22356.20	22089.93	21960.20	22368.30	22729.58
G 70.0	16469.80	17308.83	17284.98	16701.14	16351.62	16207.27	16351.62	16701.14	17284.98	17308.83	16469.80	15879.81	16947.14
G 75.0	13993.61	13981.81	14526.95	14315.69	13931.31	13793.79	13931.31	14315.69	14526.95	13981.81	13993.61	14344.47	13604.57
G 80.0	9255.69	9911.68	10292.11	9849.36	9220.21	8780.80	9220.21	9849.36	10292.11	9911.68	9255.69	8899.50	9001.37
G 85.0	4995.83	5334.80	5791.80	5478.81	5237.34	5205.72	5237.34	5478.81	5791.80	5334.80	4995.83	5181.16	5432.27
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	25603200xxU	Código	25601200xxU	Código	25601200xxU
Nombre	Susp. SLEND-03 5W led GU10	Nombre	Susp. SLEND-01 5W led GU10	Número	1
Familia	- BOVER	Fecha	05-05-2014	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	215.60 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	46796.61	46796.61	46796.61	46796.61	46796.61	46796.61	46796.61	46796.61	46796.61	46796.61	46796.61	46796.61	46796.61
G 5.0	46821.60	46945.29	46972.59	46912.48	46871.20	46906.94	46955.85	46831.22	46842.65	47082.71	46842.65	46831.22	46955.85
G 10.0	46626.75	47086.05	47210.67	46968.22	46666.89	46748.35	46935.49	46582.98	46528.09	47080.31	46528.09	46582.98	46935.49
G 15.0	45786.37	46227.86	46407.06	46269.16	46023.83	46089.28	46281.51	46056.50	46009.92	46380.61	46009.92	46056.50	46281.51
G 20.0	44621.49	44760.46	45120.07	45332.44	44843.81	44707.81	44856.06	44762.18	44763.51	45069.45	44763.51	44762.18	44856.06
G 25.0	42750.17	42815.01	43205.96	43532.64	43122.16	42952.51	43191.47	43082.94	43074.14	43387.67	43074.14	43082.94	43191.47
G 30.0	40588.67	40633.17	41005.68	41574.93	41140.32	41029.63	41261.70	41215.88	41193.65	41317.64	41193.65	41215.88	41261.70
G 35.0	37980.20	38024.23	38475.92	39164.79	38576.15	38199.47	38647.31	39067.48	39163.83	38997.04	39163.83	39067.48	38647.31
G 40.0	35465.56	35622.74	36068.62	36651.36	36285.80	36212.45	36670.89	36655.98	36686.09	36929.96	36686.09	36655.98	36670.89
G 45.0	32867.39	32928.76	33339.87	33942.44	33426.71	33118.52	33517.99	33811.75	33786.74	33533.06	33786.74	33811.75	33517.99
G 50.0	29621.45	29712.79	30135.79	30799.84	30522.26	30356.44	30720.63	30994.72	31075.05	31100.31	31075.05	30994.72	30720.63
G 55.0	27070.97	26824.68	27513.49	28492.88	28249.34	27989.51	28388.52	28905.64	29069.38	28849.15	29069.38	28905.64	28388.52
G 60.0	25872.38	24594.81	25366.31	27097.43	26683.32	26434.14	27053.98	27842.41	28037.83	27595.71	28037.83	27842.41	27053.98
G 65.0	20747.20	20401.00	21178.47	22356.20	22089.93	21960.20	22368.30	22729.58	22995.03	23237.41	22995.03	22729.58	22368.30
G 70.0	16207.27	16351.62	16701.14	17284.98	17308.83	16469.80	15879.81	16947.14	17155.82	15612.02	17155.82	16947.14	15879.81
G 75.0	13793.79	13931.31	14315.69	14526.95	13981.81	13993.61	14344.47	13604.57	13465.08	14563.84	13465.08	13604.57	14344.47
G 80.0	8780.80	9220.21	9849.36	10292.11	9911.68	9255.69	8899.50	9001.37	9131.52	9186.76	9131.52	9001.37	8899.50
G 85.0	5205.72	5237.34	5478.81	5791.80	5334.80	4995.83	5181.16	5432.27	5445.70	5214.85	5445.70	5432.27	5181.16
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