Luminaria		**Ensayo**		**Lámpara**	
Código	GR-T5DG15W-CW	Código	GR-T5DG15W-CW	Código	GR-T5DG15W-CW
Nombre	Regleta T5 15W 1200mm dif opal	Nombre	Regleta T5 15W 1200mm dif opal	Número	1
Familia	- GREENICE	Fecha	18-06-2015	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	1396.86 lm
Valor Máximo	216.02 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

Luminaria Rectangular	Longit.	1200 mm	Anchura	20 mm	Altura	74 mm
Área Luminosa Rectangular	Longit.	1180 mm	Anchura	20 mm	Altura	9 mm

Área Luminosa Horizontal	0.023600 m2	Área Emisión sobre Pl. 180°	0.010620 m2
Área Emisión sobre Pl. 0°	0.010620 m2	Área Emisión sobre Pl. 270°	0.000180 m2
Área Emisión sobre Pl. 90°	0.000180 m2	Área de deslumbramiento a 76°	0.016014 m2

Tipo de Simetría	Bisimétrico	Máximo Ángulo Gamma	180
Distancia de Ensayo	6.44	Flujo de Ensayo	1396.86 lm

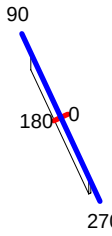
Operador	Asselum T2	Tensión de alimentación	230.00 V
Temperatura	24.00 °C	Corriente de alimentación	
Humedad	51.00 %	Fotocélula	Prc
Notas			

Lámparas de la Luminaria

Familia	Código	Nombre	Flujo [lm]	Pot. [W]	Cant.
- GREENICE	GR-T5DG15W-CW	Lámpara leds 15W 6000K	1396.86	15.00	1

C.I.E.	37 65 86 82 100	D DIN 5040	B21
F UTE	0.82 H + 0.18 T	B NBN	BZ 6

1200mm x 20mm

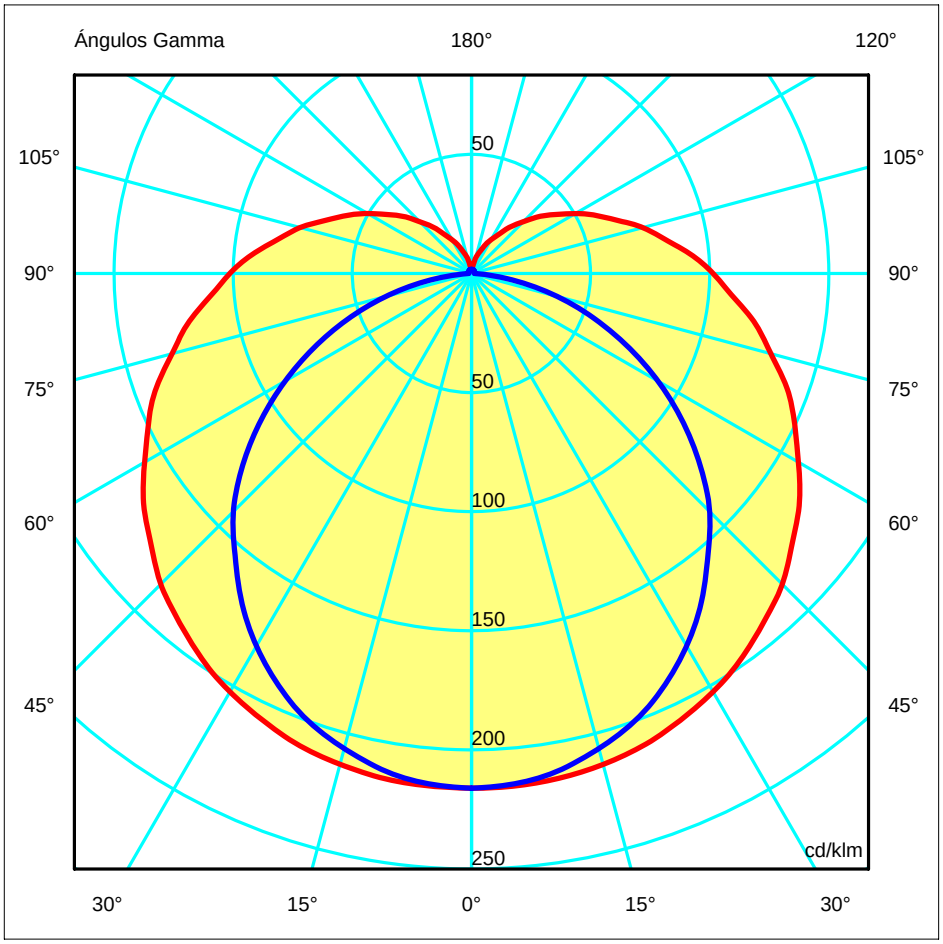


Semiplanos C

180.0 — 0.0

270.0 — 90.0

ULOR	17.66 %
DLOR	82.34 %
RN	17.66 %



Luminaria		**Ensayo**		**Lámpara**	
Código	GR-T5DG15W-CW	Código	GR-T5DG15W-CW	Código	GR-T5DG15W-CW
Nombre	Regleta T5 15W 1200mm dif opal	Nombre	Regleta T5 15W 1200mm dif opal	Número	1
Familia	- GREENICE	Fecha	18-06-2015	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	1396.86 lm
Valor Máximo	216.02 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

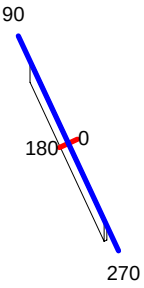
Tabla de Intensidad Luminosa cd/klm **Tabla 1/1**

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	216.02	216.02	216.02	216.02	216.02	216.02	216.02
G 5.0	215.80	215.67	215.54	215.39	215.15	215.06	214.90
G 10.0	215.09	214.47	213.95	213.23	212.82	212.09	211.83
G 15.0	213.25	212.63	211.54	210.13	208.19	207.29	206.40
G 20.0	210.93	209.39	207.63	204.88	202.80	200.38	200.05
G 25.0	207.03	205.48	202.95	199.25	195.49	192.35	191.15
G 30.0	202.77	200.30	196.86	191.89	186.61	182.45	180.54
G 35.0	197.42	194.35	189.81	183.38	176.36	170.59	168.23
G 40.0	190.91	187.79	182.56	174.91	165.06	158.40	154.40
G 45.0	184.44	179.63	173.39	163.49	154.07	144.43	141.35
G 50.0	175.81	172.04	164.57	153.55	140.59	129.73	125.30
G 55.0	168.04	162.96	154.58	142.17	127.53	113.98	108.15
G 60.0	158.41	153.71	144.42	130.45	113.90	98.20	90.46
G 65.0	149.66	144.45	134.49	119.75	100.02	82.46	72.20
G 70.0	140.91	134.16	123.47	107.21	88.16	66.37	54.51
G 75.0	130.11	125.03	114.17	96.95	74.16	51.26	37.39
G 80.0	120.93	114.57	103.32	85.50	63.42	37.10	20.70
G 85.0	110.11	105.07	93.94	76.12	53.04	26.48	7.26
G 90.0	101.42	95.46	84.90	66.94	43.94	18.61	1.39
G 95.0	92.33	86.03	75.34	58.34	36.73	13.24	1.13
G100.0	82.50	77.71	67.67	51.41	30.29	10.20	1.22
G105.0	74.48	68.85	59.32	43.85	25.83	8.28	1.31
G110.0	65.19	61.09	52.13	38.33	21.78	7.13	1.37
G115.0	57.75	53.41	45.39	32.91	18.49	6.27	1.43
G120.0	50.35	46.26	39.03	28.14	15.84	5.65	1.47
G125.0	43.22	39.95	33.66	24.33	13.40	5.04	1.45
G130.0	37.30	33.74	28.17	19.95	11.24	4.36	1.44
G135.0	30.77	28.42	23.87	16.36	9.22	3.68	1.49
G140.0	25.77	23.23	18.73	13.05	7.43	3.09	1.54
G145.0	20.24	18.79	14.67	10.30	6.04	2.81	1.58
G150.0	16.38	14.74	11.21	8.14	4.84	2.51	1.63
G155.0	12.86	10.38	8.21	6.16	3.78	2.09	1.66
G160.0	9.29	7.47	5.98	4.66	3.19	1.88	1.70
G165.0	6.77	4.61	3.96	3.37	2.59	1.80	1.73
G170.0	2.74	2.81	2.75	2.36	1.83	1.78	1.77
G175.0	1.65	1.78	1.72	1.77	1.78	1.80	1.79
G180.0	1.60	1.61	1.67	1.71	1.77	1.80	1.80

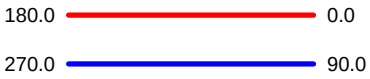
Luminaria		**Ensayo**		**Lámpara**	
Código	GR-T5DG15W-CW	Código	GR-T5DG15W-CW	Código	GR-T5DG15W-CW
Nombre	Regleta T5 15W 1200mm dif opal	Nombre	Regleta T5 15W 1200mm dif opal	Número	1
Familia	- GREENICE	Fecha	18-06-2015	Posición	Universal

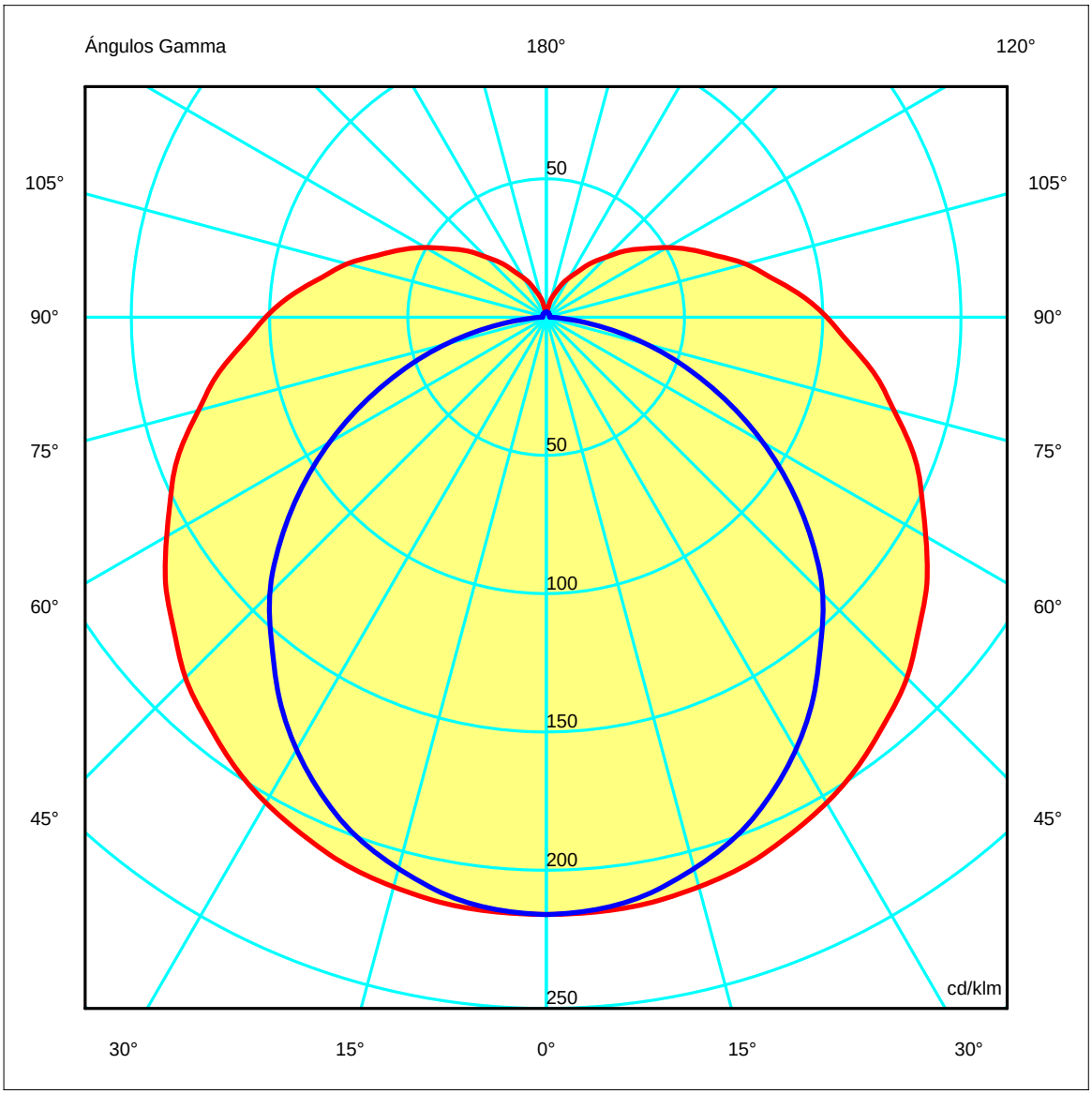
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	1396.86 lm
Valor Máximo	216.02 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

1200mm x 20mm



Semiplanos C

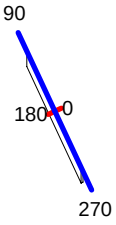




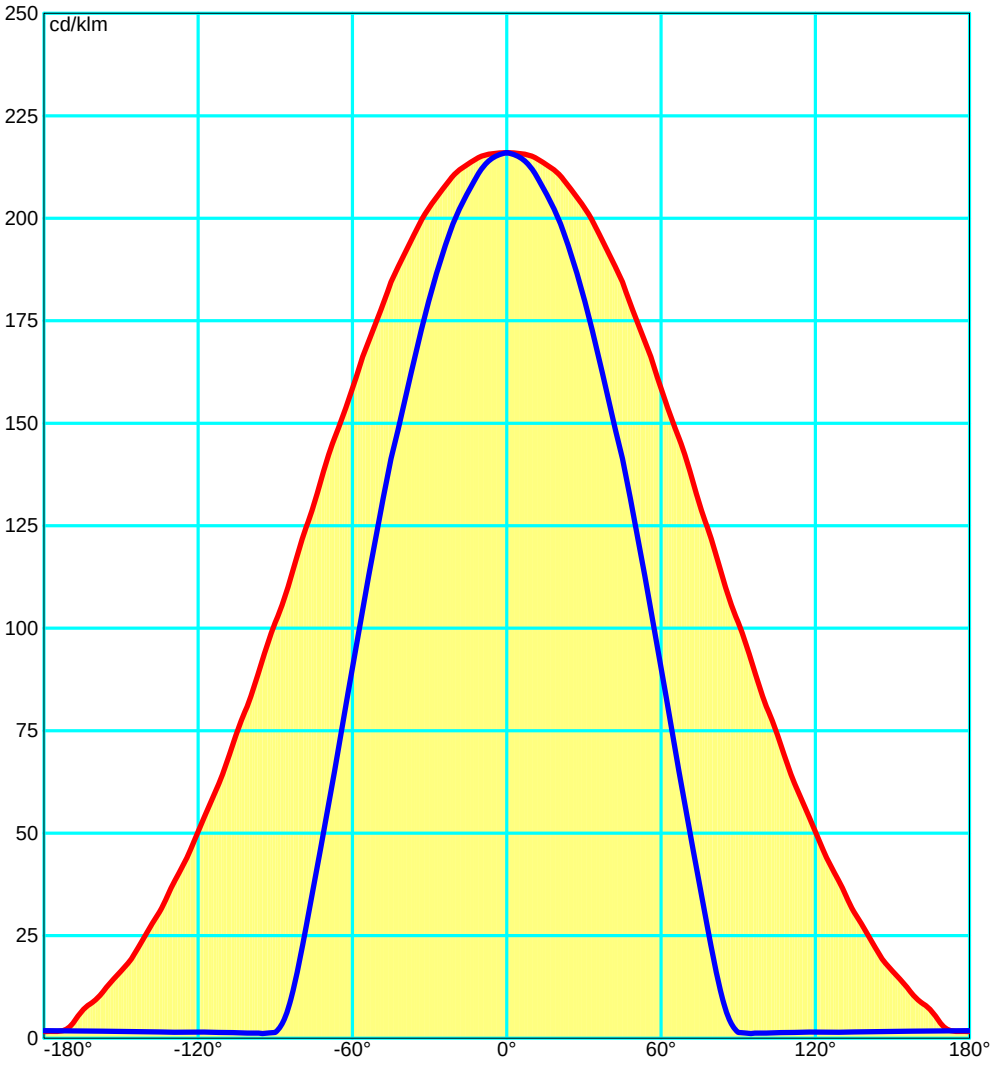
Luminaria		Ensayo		Lámpara	
Código	GR-T5DG15W-CW	Código	GR-T5DG15W-CW	Código	GR-T5DG15W-CW
Nombre	Regleta T5 15W 1200mm dif opal	Nombre	Regleta T5 15W 1200mm dif opal	Número	1
Familia	- GREENICE	Fecha	18-06-2015	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	1396.86 lm
Valor Máximo	216.02 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

1200mm x 20mm







Luminaria		Ensayo		Lámpara	
Código	GR-T5DG15W-CW	Código	GR-T5DG15W-CW	Código	GR-T5DG15W-CW
Nombre	Regleta T5 15W 1200mm dif opal	Nombre	Regleta T5 15W 1200mm dif opal	Número	1
Familia	- GREENICE	Fecha	18-06-2015	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	1396.86 lm
Valor Máximo	216.02 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

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	19.9	21.1	20.4	21.7	21.0	18.6	19.9	19.2	20.4	21.0
x=2H y=3H	22.3	23.4	22.8	23.9	22.5	20.2	21.3	20.7	21.8	22.5
x=2H y=4H	23.5	24.5	24.1	25.1	23.1	20.8	21.8	21.4	22.4	23.1
x=2H y=6H	24.7	25.7	25.3	26.3	23.5	21.2	22.2	21.8	22.8	23.5
x=2H y=8H	25.3	26.2	25.9	26.8	23.6	21.3	22.3	21.9	22.9	23.6
x=2H y=12H	25.9	26.8	26.5	27.4	23.6	21.4	22.3	22.0	22.9	23.6
x=4H y=2H	20.6	21.7	21.2	22.3	22.0	19.7	20.8	20.3	21.3	22.0
x=4H y=3H	23.2	24.1	23.8	24.7	23.7	21.5	22.4	22.1	23.0	23.7
x=4H y=4H	24.6	25.4	25.2	26.0	24.4	22.2	23.1	22.9	23.7	24.4
x=4H y=6H	26.0	26.7	26.6	27.4	25.0	22.8	23.5	23.5	24.2	25.0
x=4H y=8H	26.7	27.3	27.3	28.0	25.1	23.0	23.7	23.7	24.4	25.1
x=4H y=12H	27.3	28.0	28.0	28.6	25.2	23.1	23.7	23.8	24.4	25.2
x=8H y=4H	25.0	25.6	25.6	26.3	25.2	23.1	23.8	23.8	24.4	25.2
x=8H y=6H	26.6	27.2	27.3	27.9	26.1	24.0	24.5	24.7	25.2	26.1
x=8H y=8H	27.5	28.0	28.2	28.7	26.4	24.3	24.8	25.0	25.6	26.4
x=8H y=12H	28.3	28.8	29.1	29.5	26.6	24.6	25.0	25.3	25.8	26.6
x=12H y=4H	25.0	25.6	25.7	26.3	25.4	23.3	23.9	24.0	24.6	25.4
x=12H y=6H	26.7	27.2	27.4	27.9	26.4	24.3	24.8	25.1	25.6	26.4
x=12H y=8H	27.6	28.1	28.4	28.8	26.8	24.8	25.3	25.6	26.0	26.8

Luminaria		Ensayo		Lámpara	
Código	GR-T5DG15W-CW	Código	GR-T5DG15W-CW	Código	GR-T5DG15W-CW
Nombre	Regleta T5 15W 1200mm dif opal	Nombre	Regleta T5 15W 1200mm dif opal	Número	1
Familia	- GREENICE	Fecha	18-06-2015	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	1396.86 lm
Valor Máximo	216.02 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

Flujo Total=1396.86 Flujo Luminaria=1396.85

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	0.24	0.31	0.37	0.44	0.49	0.58	0.64	0.68	0.74	0.78	0.87	0.92
RC	7	7	7	7	7	7	7	7	7	7	7	7

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)	20	80	172	286	412	537	652	748	823	881	925	956	976	989	996	999	1000	1000

Códigos de Flujo C.I.E.

37 65 86 82 100

C.I.E.	7	LOR	99.99943 %
D DIN 5040	B21	ULOR	17.65735 %
F UTE	0.82 H + 0.18 T	DLOR	82.34208 %
B NBN	BZ 6	UFF	17.65745 %
RN	17.65745 %	DFF	82.34255 %
BLF	1.0	FFR	21.44389 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	5.16	5.16	0.52 %	0.52 %
10°	15.34	20.49	1.53 %	2.05 %
15°	25.11	45.60	2.51 %	4.56 %
20°	34.20	79.81	3.42 %	7.98 %
25°	42.39	122.20	4.24 %	12.22 %
30°	49.45	171.65	4.94 %	17.16 %
35°	55.15	226.80	5.52 %	22.68 %
40°	59.47	286.27	5.95 %	28.63 %
45°	62.31	348.58	6.23 %	34.86 %
50°	63.61	412.20	6.36 %	41.22 %
55°	63.43	475.63	6.34 %	47.56 %
60°	61.81	537.44	6.18 %	53.74 %
65°	59.04	596.48	5.90 %	59.65 %
70°	55.25	651.73	5.52 %	65.17 %
75°	50.64	702.37	5.06 %	70.24 %
80°	45.49	747.85	4.55 %	74.79 %
85°	40.22	788.07	4.02 %	78.81 %
90°	35.35	823.42	3.53 %	82.34 %
95°	30.92	854.35	3.09 %	85.44 %
100°	26.97	881.32	2.70 %	88.13 %
105°	23.33	904.65	2.33 %	90.47 %
110°	19.94	924.59	1.99 %	92.46 %
115°	16.87	941.46	1.69 %	94.15 %
120°	14.06	955.52	1.41 %	95.55 %
125°	11.54	967.06	1.15 %	96.71 %
130°	9.26	976.32	0.93 %	97.63 %
135°	7.22	983.54	0.72 %	98.35 %
140°	5.46	989.00	0.55 %	98.90 %
145°	3.97	992.97	0.40 %	99.30 %
150°	2.80	995.76	0.28 %	99.58 %
155°	1.86	997.63	0.19 %	99.76 %
160°	1.16	998.79	0.12 %	99.88 %
165°	0.68	999.47	0.07 %	99.95 %
170°	0.34	999.81	0.03 %	99.98 %
175°	0.15	999.95	0.01 %	100.00 %
180°	0.04	999.99	0.00 %	100.00 %

Luminaria		**Ensayo**		**Lámpara**	
Código	GR-T5DG15W-CW	Código	GR-T5DG15W-CW	Código	GR-T5DG15W-CW
Nombre	Regleta T5 15W 1200mm dif opal	Nombre	Regleta T5 15W 1200mm dif opal	Número	1
Familia	- GREENICE	Fecha	18-06-2015	Posición	Universal

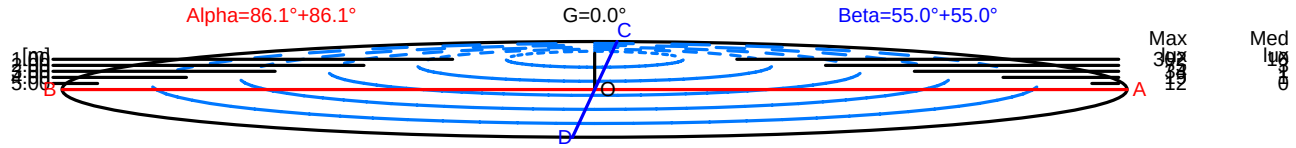
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	1396.86 lm
Valor Máximo	216.02 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

Apertura a 50.00 % de Max Intensidad

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	14.66	29.33	43.99	58.66	73.32	OC	1.43	2.86	4.29	5.72	7.15
OB	14.66	29.33	43.99	58.66	73.32	OD	1.43	2.86	4.29	5.72	7.15

Intensidades Luminosas [cd/klm]

	0	5	15	25	35	45	55	65	75	85
OA	301.75	301.45	297.88	289.19	275.76	257.64	234.72	209.05	181.75	153.81
OB	301.75	301.45	297.88	289.19	275.76	257.64	234.72	209.05	181.75	153.81
OC	301.75	300.19	288.31	267.02	235.00	197.45	151.07	100.86	52.23	10.14
OD	301.75	300.19	288.31	267.02	235.00	197.45	151.07	100.86	52.23	10.14



H[m]	D[m]	Max lux	Med lux	Alpha=86.1°+86.1° G=0.0
1.00	29.33	302	10	
2.00	58.66	75	3	
3.00	87.99	34	1	
4.00	117.31	19	1	
5.00	146.64	12	0	

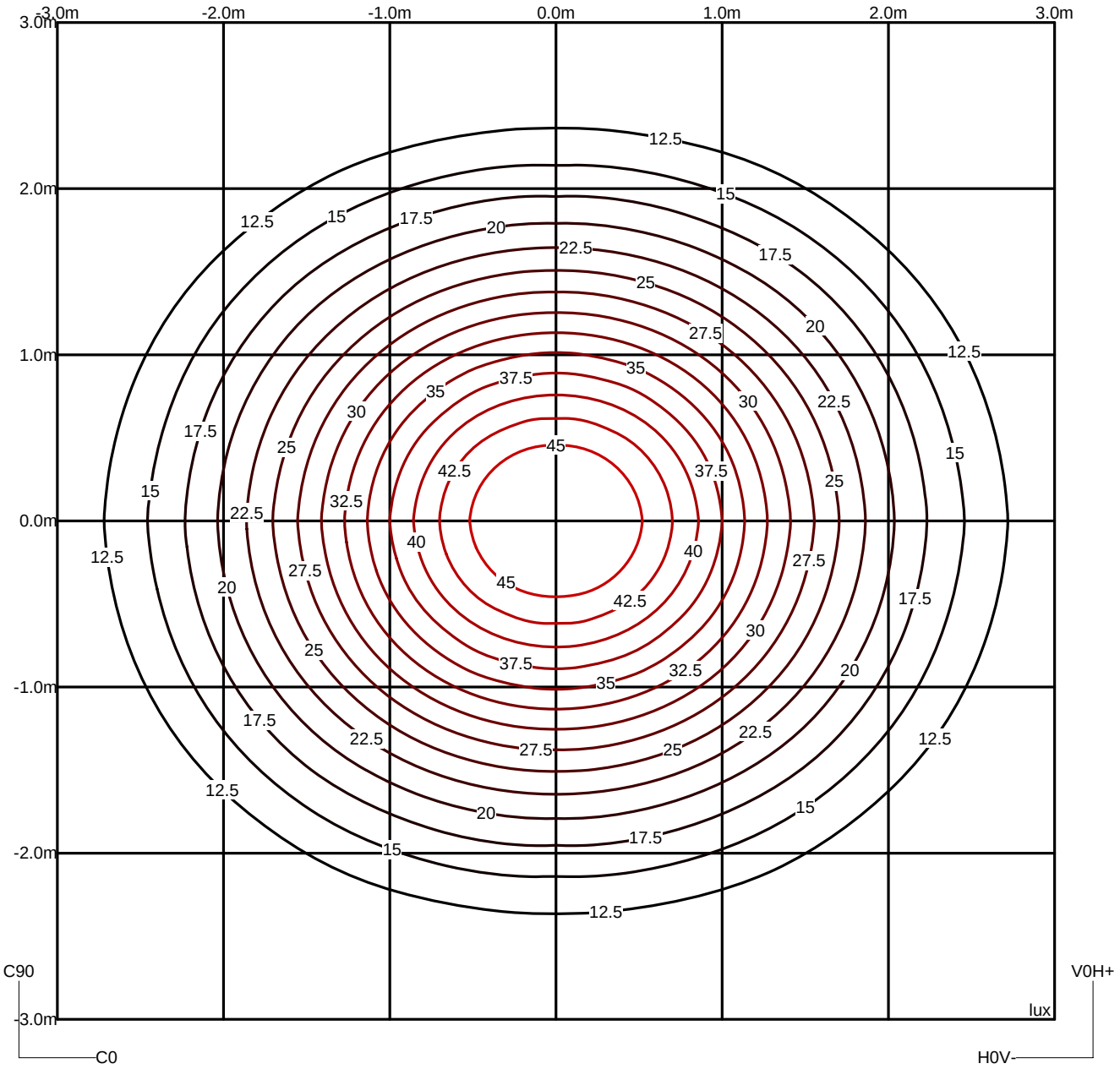
H[m]	D[m]	Max lux	Med lux	Beta=55.0°+55.0° G=0.0
1.00	2.86	302	10	
2.00	5.72	75	3	
3.00	8.58	34	1	
4.00	11.44	19	1	
5.00	14.30	12	0	

Luminaria		Ensayo		Lámpara	
Código	GR-T5DG15W-CW	Código	GR-T5DG15W-CW	Código	GR-T5DG15W-CW
Nombre	Regleta T5 15W 1200mm dif opal	Nombre	Regleta T5 15W 1200mm dif opal	Número	1
Familia	- GREENICE	Fecha	18-06-2015	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	1396.86 lm
Valor Máximo	216.02 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

Isolux (Suelo)

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



Luminaria		**Ensayo**		**Lámpara**	
Código	GR-T5DG15W-CW	Código	GR-T5DG15W-CW	Código	GR-T5DG15W-CW
Nombre	Regleta T5 15W 1200mm dif opal	Nombre	Regleta T5 15W 1200mm dif opal	Número	1
Familia	- GREENICE	Fecha	18-06-2015	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	1396.86 lm
Valor Máximo	216.02 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

Utilización CIE

Montaje Directo Normalización Normalizados Raz. de Susp. 1/3 CIE Estándar

Techo

K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000
0.60	343	308	303	274	293	261	221	188	202	172	162	122	133	91	161	131	115	108	86	109	91	79	66
0.80	388	356	328	303	338	289	260	227	227	200	183	145	149	109	187	152	137	126	104	130	108	95	78
1.00	418	389	340	318	370	304	289	258	243	218	197	163	162	124	205	168	154	139	119	146	122	109	88
1.25	445	419	346	328	399	315	318	289	256	234	211	179	174	140	220	183	170	153	134	162	136	123	98
1.50	464	440	347	332	419	320	341	314	264	245	220	192	184	152	231	195	183	164	146	174	148	135	106
2.00	487	468	344	333	447	322	375	351	273	258	233	209	199	171	244	210	200	181	165	192	166	153	118
2.50	502	486	340	331	464	321	399	377	278	265	242	221	210	185	252	221	212	193	179	204	179	167	126
3.00	512	498	335	328	476	319	417	397	281	270	247	230	218	196	258	229	221	203	190	212	189	178	132
4.00	525	514	328	323	492	315	441	425	283	275	255	241	230	212	264	239	232	216	205	224	204	193	141
5.00	533	524	323	319	502	312	457	444	285	278	260	248	237	222	267	245	240	225	216	232	214	204	147
10.00	548	543	308	306	521	301	494	486	285	282	270	264	255	247	273	259	256	246	240	249	237	229	161
20.00	554	551	297	297	530	292	514	510	283	282	274	271	266	261	274	266	265	258	255	258	251	244	168

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	463	444	413	398	434	390	342	327	315	302	264	249	227	212	295	250	245	218	210	242	211	206	188
0.80	534	515	465	451	500	440	407	390	367	354	315	298	276	259	344	299	292	264	255	287	255	249	227
1.00	586	567	501	488	549	476	458	440	406	393	355	337	315	297	380	336	329	301	292	322	290	282	258
1.25	636	618	534	522	596	508	509	491	444	431	394	376	354	336	415	373	366	338	329	357	326	316	288
1.50	675	658	558	548	633	533	550	532	473	461	425	408	386	368	443	403	396	369	359	385	355	344	313
2.00	726	712	587	579	683	563	608	591	512	501	469	453	433	415	480	444	438	413	403	424	396	383	348
2.50	763	750	608	602	719	585	651	635	540	530	501	487	467	450	507	475	469	446	437	453	428	412	375
3.00	790	779	624	618	746	601	684	669	561	553	525	512	494	479	528	498	493	472	463	475	452	435	396
4.00	835	826	653	648	790	631	737	724	597	590	567	556	539	525	564	538	534	515	507	513	493	474	432
5.00	869	861	676	672	823	655	777	766	626	620	599	589	574	562	593	570	566	549	542	544	526	505	461
10.00	965	961	748	746	919	729	890	883	711	708	694	688	677	669	678	663	661	649	644	635	622	598	549
20.00	1000	1000	815	814	1000	797	983	979	786	784	775	772	765	760	753	744	743	735	732	714	707	680	628

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	507	487	473	456	474	446	362	347	349	335	283	268	236	222	326	268	263	225	219	258	218	213	195
0.80	607	585	559	542	567	527	451	432	430	415	361	342	309	290	400	340	333	294	285	325	283	275	255
1.00	687	664	626	609	640	591	526	505	497	481	428	406	373	352	462	402	394	355	343	383	340	329	308
1.25	764	741	688	673	712	651	601	579	563	546	495	472	440	416	522	464	455	417	404	441	399	384	362
1.50	822	801	734	720	767	697	661	638	614	597	548	524	493	468	569	513	504	467	454	486	446	428	405
2.00	909	889	801	789	849	763	753	731	690	675	630	607	579	553	641	590	582	547	534	558	521	499	475
2.50	966	949	843	833	904	805	817	796	742	728	687	666	639	615	689	644	636	604	591	608	574	548	524
3.00	1000	993	873	864	943	836	865	845	779	767	729	709	685	661	725	683	676	647	634	645	613	584	560
4.00	1000	1000	911	904	996	875	929	912	827	817	784	768	746	725	771	736	729	704	692	693	666	633	608
5.00	1000	1000	935	929	1000	899	971	956	858	850	821	806	786	768	801	770	764	742	731	725	701	665	639
10.00	1000	1000	986	983	1000	952	1000	1000	928	923	904	896	882	870	869	850	846	831	825	799	784	740	714
20.00	1000	1000	1000	1000	1000	982	1000	1000	968	966	955	950	942	935	909	898	896	887	883	845	836	787	761

LM53 SHR C0-C180: 1.400 SHR C90-C270: 1.238 SHR Superficial: 1.469

Luminaria		Ensayo		Lámpara	
Código	GR-T5DG15W-CW	Código	GR-T5DG15W-CW	Código	GR-T5DG15W-CW
Nombre	Regleta T5 15W 1200mm dif opal	Nombre	Regleta T5 15W 1200mm dif opal	Número	1
Familia	- GREENICE	Fecha	18-06-2015	Posición	Universal

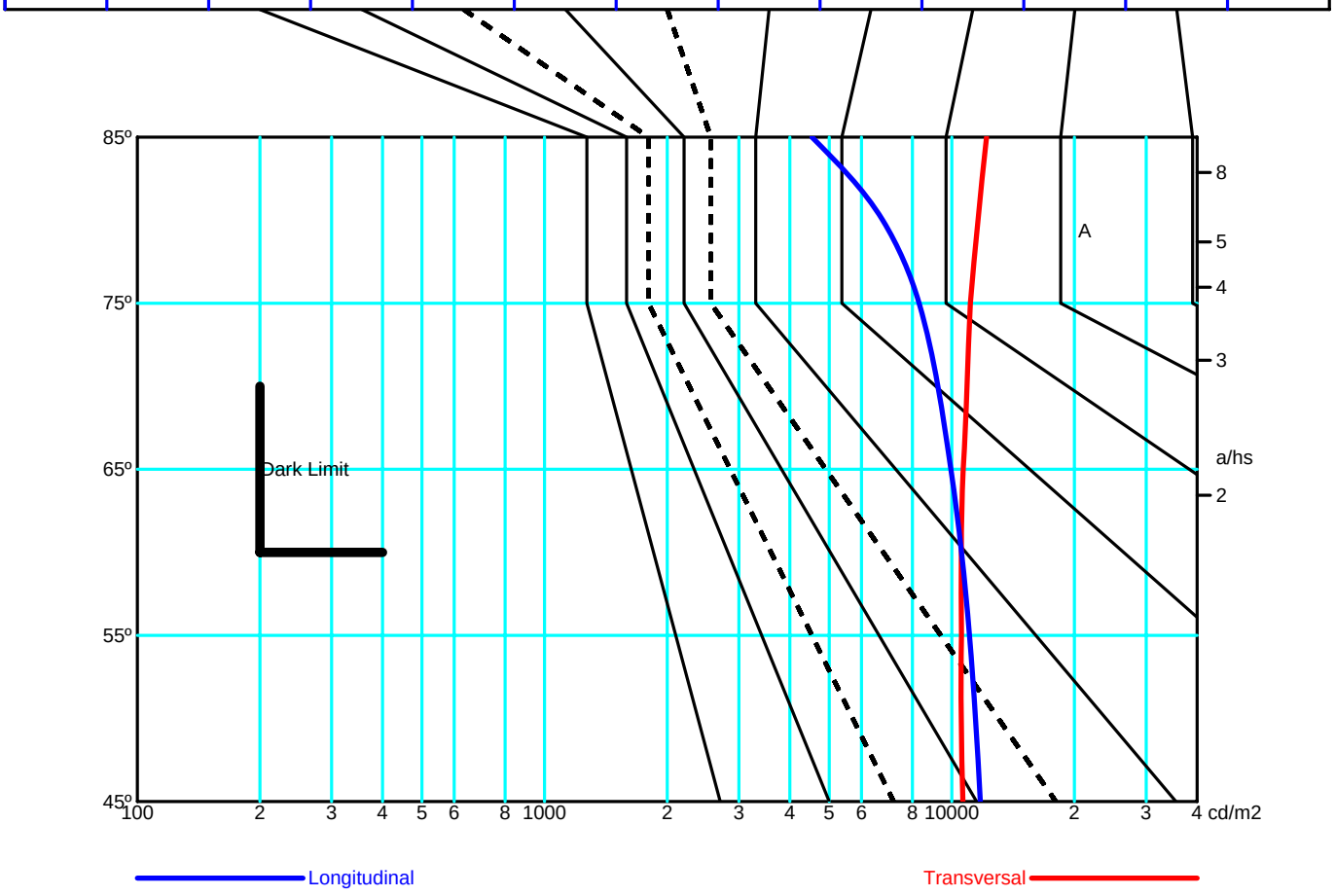
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	1396.86 lm
Valor Máximo	216.02 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

Luminancia Media [cd/m²]

	45°	50°	55°	60°	65°	70°	75°	80°	85°	
0.0°	10648	10537	10556	10539	10667	10904	11105	11604	12172	---
90.0°	11742	11434	11040	10569	9950	9240	8314	6763	4532	---

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	GR-T5DG15W-CW	Código	GR-T5DG15W-CW	Código	GR-T5DG15W-CW
Nombre	Regleta T5 15W 1200mm dif opal	Nombre	Regleta T5 15W 1200mm dif opal	Número	1
Familia	- GREENICE	Fecha	18-06-2015	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	1396.86 lm
Valor Máximo	216.02 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

Luminancia



Luminaria		**Ensayo**		**Lámpara**	
Código	GR-T5DG15W-CW	Código	GR-T5DG15W-CW	Código	GR-T5DG15W-CW
Nombre	Regleta T5 15W 1200mm dif opal	Nombre	Regleta T5 15W 1200mm dif opal	Número	1
Familia	- GREENICE	Fecha	18-06-2015	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	1396.86 lm
Valor Máximo	216.02 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

Luminance cd/m2 **Tabla 1/3**

	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00	C 100.00	C 110.00	C 120.00
G 0.0	12786.12	12786.12	12786.12	12786.12	12786.12	12786.12	12786.12	12786.12	12786.12	12786.12	12786.12	12786.12	12786.12
G 5.0	12336.36	12336.73	12351.55	12380.33	12421.29	12470.47	12529.19	12601.72	12680.36	12759.89	12680.36	12601.72	12529.19
G 10.0	11976.81	11963.77	11981.55	12024.55	12083.73	12173.65	12289.26	12408.72	12548.95	12714.25	12548.95	12408.72	12289.26
G 15.0	11661.28	11656.42	11678.36	11726.22	11804.17	11894.97	12011.83	12189.99	12400.98	12621.68	12400.98	12189.99	12011.83
G 20.0	11416.06	11379.55	11393.34	11439.70	11497.91	11612.11	11781.07	11963.16	12233.28	12565.61	12233.28	11963.16	11781.07
G 25.0	11175.37	11147.20	11159.79	11199.13	11261.20	11365.52	11522.86	11736.59	12043.04	12439.61	12043.04	11736.59	11522.86
G 30.0	11000.69	10942.19	10935.79	10963.37	11012.54	11100.83	11249.66	11480.35	11827.97	12284.94	11827.97	11480.35	11249.66
G 35.0	10846.89	10771.80	10747.57	10752.47	10777.47	10840.81	10964.97	11179.74	11554.74	12091.47	11554.74	11179.74	10964.97
G 40.0	10707.63	10635.97	10608.00	10604.01	10622.08	10628.90	10678.51	10904.20	11310.01	11854.08	11310.01	10904.20	10678.51
G 45.0	10647.60	10504.19	10445.77	10415.02	10351.00	10363.28	10471.42	10609.51	11004.99	11742.29	11004.99	10609.51	10471.42
G 50.0	10537.43	10449.11	10388.14	10315.95	10240.44	10171.44	10145.50	10251.96	10668.06	11433.58	10668.06	10251.96	10145.50
G 55.0	10556.13	10408.16	10310.71	10212.26	10093.75	9978.76	9889.56	9883.34	10233.94	11040.18	10233.94	9883.34	9889.56
G 60.0	10538.72	10409.21	10305.65	10166.74	9990.47	9802.86	9622.59	9508.57	9779.07	10569.28	9779.07	9508.57	9622.59
G 65.0	10666.68	10509.71	10377.29	10214.89	10028.58	9734.46	9359.07	9113.95	9276.90	9949.54	9276.90	9113.95	9359.07
G 70.0	10904.24	10647.26	10468.41	10266.64	9974.75	9679.77	9323.37	8757.09	8597.85	9240.03	8597.85	8757.09	9323.37
G 75.0	11105.08	10937.27	10794.48	10575.93	10257.53	9777.82	9097.01	8303.14	7931.83	8313.56	7931.83	8303.14	9097.01
G 80.0	11604.40	11328.51	11140.26	10897.31	10507.18	10040.21	9343.34	8070.36	7010.91	6762.83	7010.91	8070.36	9343.34
G 85.0	12171.71	11973.55	11833.90	11603.47	11237.76	10724.31	9876.93	8344.35	6616.69	4532.45	6616.69	8344.35	9876.93
G 90.0	13339.97	13014.09	12891.72	12769.96	12460.72	11994.12	11228.84	9738.74	8309.51	10765.61	8309.51	9738.74	11228.84

Luminaria		**Ensayo**		**Lámpara**	
Código	GR-T5DG15W-CW	Código	GR-T5DG15W-CW	Código	GR-T5DG15W-CW
Nombre	Regleta T5 15W 1200mm dif opal	Nombre	Regleta T5 15W 1200mm dif opal	Número	1
Familia	- GREENICE	Fecha	18-06-2015	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	1396.86 lm
Valor Máximo	216.02 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

Luminance cd/m2 **Tabla 2/3**

	C 130.00	C 140.00	C 150.00	C 160.00	C 170.00	C 180.00	C 190.00	C 200.00	C 210.00	C 220.00	C 230.00	C 240.00	C 250.00
G 0.0	12786.12	12786.12	12786.12	12786.12	12786.12	12786.12	12786.12	12786.12	12786.12	12786.12	12786.12	12786.12	12786.12
G 5.0	12470.47	12421.29	12380.33	12351.55	12336.73	12336.36	12336.73	12351.55	12380.33	12421.29	12470.47	12529.19	12601.72
G 10.0	12173.65	12083.73	12024.55	11981.55	11963.77	11976.81	11963.77	11981.55	12024.55	12083.73	12173.65	12289.26	12408.72
G 15.0	11894.97	11804.17	11726.22	11678.36	11656.42	11661.28	11656.42	11678.36	11726.22	11804.17	11894.97	12011.83	12189.99
G 20.0	11612.11	11497.91	11439.70	11393.34	11379.55	11416.06	11379.55	11393.34	11439.70	11497.91	11612.11	11781.07	11963.16
G 25.0	11365.52	11261.20	11199.13	11159.79	11147.20	11175.37	11147.20	11159.79	11199.13	11261.20	11365.52	11522.86	11736.59
G 30.0	11100.83	11012.54	10963.37	10935.79	10942.19	11000.69	10942.19	10935.79	10963.37	11012.54	11100.83	11249.66	11480.35
G 35.0	10840.81	10777.47	10752.47	10747.57	10771.80	10846.89	10771.80	10747.57	10752.47	10777.47	10840.81	10964.97	11179.74
G 40.0	10628.90	10622.08	10604.01	10608.00	10635.97	10707.63	10635.97	10608.00	10604.01	10622.08	10628.90	10678.51	10904.20
G 45.0	10363.28	10351.00	10415.02	10445.77	10504.19	10647.60	10504.19	10445.77	10415.02	10351.00	10363.28	10471.42	10609.51
G 50.0	10171.44	10240.44	10315.95	10388.14	10449.11	10537.43	10449.11	10388.14	10315.95	10240.44	10171.44	10145.50	10251.96
G 55.0	9978.76	10093.75	10212.26	10310.71	10408.16	10556.13	10408.16	10310.71	10212.26	10093.75	9978.76	9889.56	9883.34
G 60.0	9802.86	9990.47	10166.74	10305.65	10409.21	10538.72	10409.21	10305.65	10166.74	9990.47	9802.86	9622.59	9508.57
G 65.0	9734.46	10028.58	10214.89	10377.29	10509.71	10666.68	10509.71	10377.29	10214.89	10028.58	9734.46	9359.07	9113.95
G 70.0	9679.77	9974.75	10266.64	10468.41	10647.26	10904.24	10647.26	10468.41	10266.64	9974.75	9679.77	9323.37	8757.09
G 75.0	9777.82	10257.53	10575.93	10794.48	10937.27	11105.08	10937.27	10794.48	10575.93	10257.53	9777.82	9097.01	8303.14
G 80.0	10040.21	10507.18	10897.31	11140.26	11328.51	11604.40	11328.51	11140.26	10897.31	10507.18	10040.21	9343.34	8070.36
G 85.0	10724.31	11237.76	11603.47	11833.90	11973.55	12171.71	11973.55	11833.90	11603.47	11237.76	10724.31	9876.93	8344.35
G 90.0	11994.12	12460.72	12769.96	12891.72	13014.09	13339.97	13014.09	12891.72	12769.96	12460.72	11994.12	11228.84	9738.74

Luminaria		Ensayo		Lámpara	
Código	GR-T5DG15W-CW	Código	GR-T5DG15W-CW	Código	GR-T5DG15W-CW
Nombre	Regleta T5 15W 1200mm dif opal	Nombre	Regleta T5 15W 1200mm dif opal	Número	1
Familia	- GREENICE	Fecha	18-06-2015	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	1396.86 lm
Valor Máximo	216.02 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

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

	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	12786.12	12786.12	12786.12	12786.12	12786.12	12786.12	12786.12	12786.12	12786.12	12786.12
G 5.0	12680.36	12759.89	12680.36	12601.72	12529.19	12470.47	12421.29	12380.33	12351.55	12336.73
G 10.0	12548.95	12714.25	12548.95	12408.72	12289.26	12173.65	12083.73	12024.55	11981.55	11963.77
G 15.0	12400.98	12621.68	12400.98	12189.99	12011.83	11894.97	11804.17	11726.22	11678.36	11656.42
G 20.0	12233.28	12565.61	12233.28	11963.16	11781.07	11612.11	11497.91	11439.70	11393.34	11379.55
G 25.0	12043.04	12439.61	12043.04	11736.59	11522.86	11365.52	11261.20	11199.13	11159.79	11147.20
G 30.0	11827.97	12284.94	11827.97	11480.35	11249.66	11100.83	11012.54	10963.37	10935.79	10942.19
G 35.0	11554.74	12091.47	11554.74	11179.74	10964.97	10840.81	10777.47	10752.47	10747.57	10771.80
G 40.0	11310.01	11854.08	11310.01	10904.20	10678.51	10628.90	10622.08	10604.01	10608.00	10635.97
G 45.0	11004.99	11742.29	11004.99	10609.51	10471.42	10363.28	10351.00	10415.02	10445.77	10504.19
G 50.0	10668.06	11433.58	10668.06	10251.96	10145.50	10171.44	10240.44	10315.95	10388.14	10449.11
G 55.0	10233.94	11040.18	10233.94	9883.34	9889.56	9978.76	10093.75	10212.26	10310.71	10408.16
G 60.0	9779.07	10569.28	9779.07	9508.57	9622.59	9802.86	9990.47	10166.74	10305.65	10409.21
G 65.0	9276.90	9949.54	9276.90	9113.95	9359.07	9734.46	10028.58	10214.89	10377.29	10509.71
G 70.0	8597.85	9240.03	8597.85	8757.09	9323.37	9679.77	9974.75	10266.64	10468.41	10647.26
G 75.0	7931.83	8313.56	7931.83	8303.14	9097.01	9777.82	10257.53	10575.93	10794.48	10937.27
G 80.0	7010.91	6762.83	7010.91	8070.36	9343.34	10040.21	10507.18	10897.31	11140.26	11328.51
G 85.0	6616.69	4532.45	6616.69	8344.35	9876.93	10724.31	11237.76	11603.47	11833.90	11973.55
G 90.0	8309.51	10765.61	8309.51	9738.74	11228.84	11994.12	12460.72	12769.96	12891.72	13014.09