

Luminaria

Código GINGER 20
Nombre GINGER 20 led SMD 4W 2700K

Ensayo

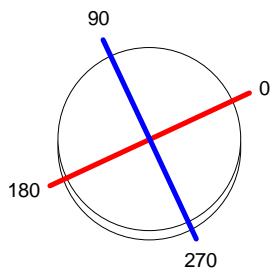
Código GINGER 20
Nombre GINGER 20 led SMD 4W 2700K

Flujo Luminaria	138.65 lm	Potencia luminaria	4.00 W	Eficiencia	34.66 lm/W	Rendimiento	100.00%
Flujo de Lámpara	138.65 lm	Valor Máximo	217.46 cd/klm	Posición	C=30.00 G=55.00	CG	Bisimétrico
Luminaria Redonda		Diam.	200 mm	Altura	45 mm		
Área Luminosa Redonda		Diam.	200 mm	Altura	0 mm		
Área Luminosa Horizontal		0.031416 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°		0.007600 m2	
Sist. de Coorden.		CG		Tipo de Simetría		Bisimétrico	
Fecha		03-10-2016		Máximo Ángulo Gamma		90	
Distancia de Ensayo		6.44		Flujo de Ensayo		138.65 lm	
Operador		Asselum T2		Tensión de alimentación		230.00 V	
Temperatura		25.00 °C		Corriente de alimentación			
Humedad		59.00 %		Fotocélula		Prc	
Notas							

Lámparas de la Luminaria

Familia	Código	Nombre	Flujo [lm]	Pot. [W]	Cant.
- MARSET	GINGER 20	Lámpara led 4W 2700K	138.65	4.00	1
C.I.E.	31 64 93 100 100	D DIN 5040	A20		
F UTE	1.00 I	B NBN	BZ 7 / 0.8 / BZ 6 / 4 / BZ 5		

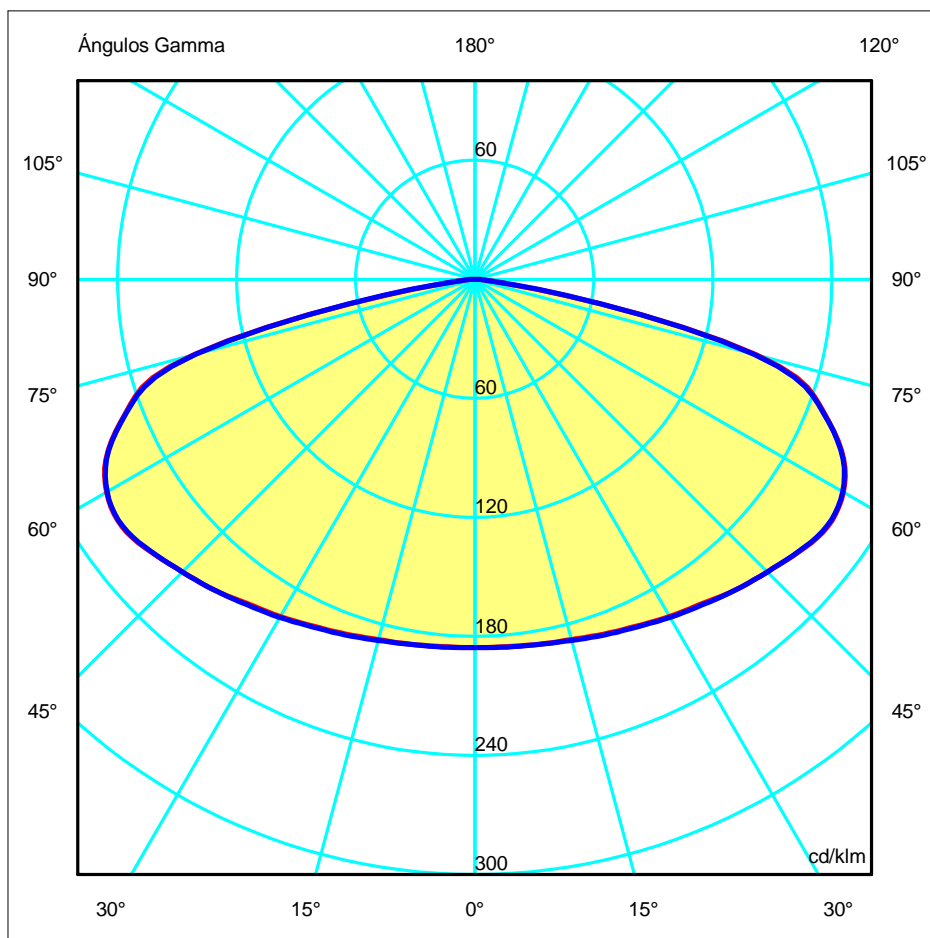
Diam=200mm



Semiplanos C

180.0 — 0.0
270.0 — 90.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



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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	185.60	185.60	185.60	185.60	185.60	185.60	185.60
G 5.0	185.80	185.73	185.91	186.18	185.80	185.97	186.03
G 10.0	186.74	186.53	186.67	186.18	186.62	186.69	186.83
G 15.0	187.96	188.02	188.29	187.29	188.16	187.99	188.37
G 20.0	190.23	189.94	190.37	189.54	190.31	190.22	190.75
G 25.0	192.80	192.80	193.15	192.35	192.94	192.84	193.28
G 30.0	196.23	195.96	196.31	195.58	196.31	196.29	196.71
G 35.0	199.60	199.77	200.14	199.17	199.96	199.68	200.21
G 40.0	204.37	203.97	204.20	203.12	204.25	204.06	204.41
G 45.0	208.47	208.52	208.87	207.27	208.41	208.03	208.52
G 50.0	213.46	213.14	213.31	211.50	213.40	212.69	213.23
G 55.0	217.14	217.20	217.46	215.30	217.11	216.11	216.77
G 60.0	214.41	214.74	215.15	212.40	214.18	213.47	214.05
G 65.0	203.96	203.68	203.76	200.97	203.36	203.06	203.59
G 70.0	184.75	185.63	186.55	184.97	185.22	183.53	184.19
G 75.0	146.98	144.73	148.95	149.08	149.62	146.24	145.45
G 80.0	45.55	55.80	57.08	62.60	55.68	50.90	46.90
G 85.0	5.71	5.95	5.84	5.64	6.13	6.01	5.90
G 90.0	2.39	2.18	2.16	2.22	2.10	2.04	2.04

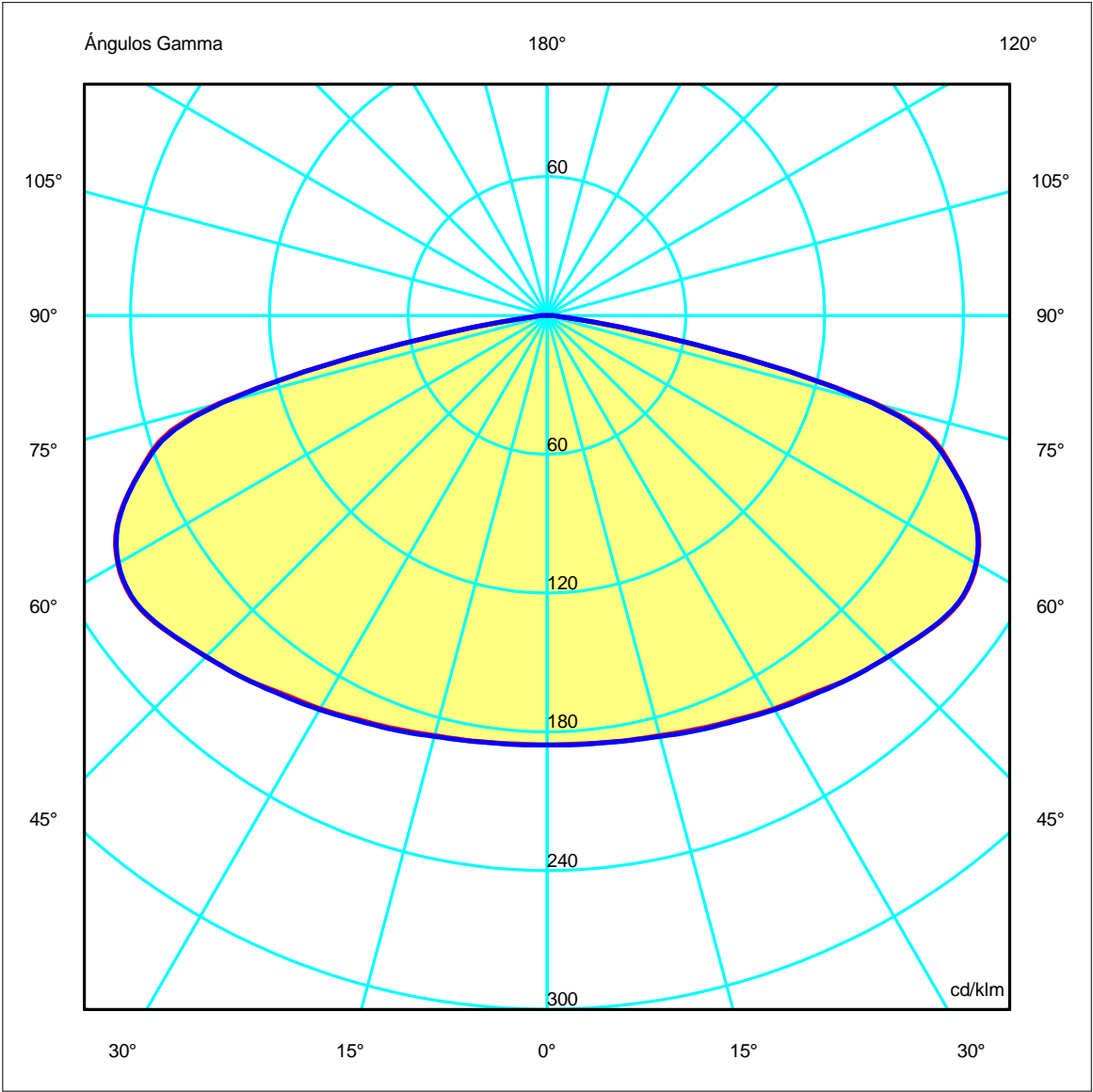
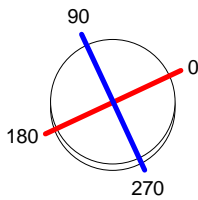
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Diam=200mm

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180.0 ————— 0.0
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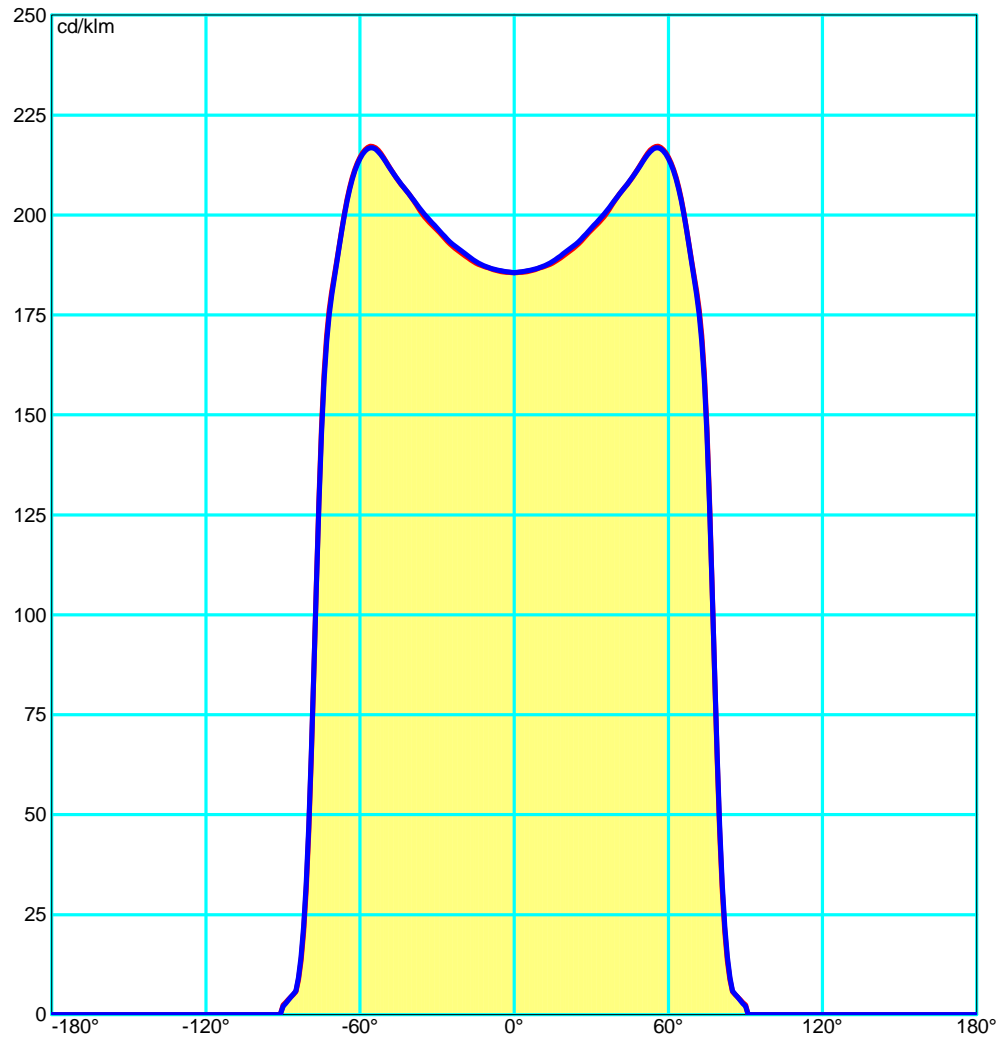
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UGR
S = 0.250

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	15.1	16.7	15.4	16.9	17.2	15.1	16.7	15.4	16.9	17.2
x=2H y=3H	18.1	19.5	18.4	19.8	20.0	18.0	19.5	18.4	19.8	20.0
x=2H y=4H	19.3	20.7	19.7	21.0	21.3	19.3	20.7	19.7	21.0	21.3
x=2H y=6H	19.8	21.1	20.2	21.4	21.7	19.8	21.1	20.2	21.4	21.7
x=2H y=8H	19.8	21.1	20.2	21.4	21.7	19.8	21.0	20.2	21.4	21.7
x=2H y=12H	19.8	21.0	20.2	21.3	21.6	19.8	21.0	20.2	21.3	21.6
x=4H y=2H	16.3	17.7	16.7	18.0	18.3	16.3	17.7	16.7	18.0	18.3
x=4H y=3H	19.4	20.6	19.8	20.9	21.2	19.4	20.5	19.7	20.9	21.2
x=4H y=4H	20.7	21.8	21.1	22.1	22.5	20.7	21.8	21.1	22.1	22.5
x=4H y=6H	21.3	22.2	21.7	22.6	23.0	21.3	22.2	21.7	22.6	23.0
x=4H y=8H	21.3	22.2	21.8	22.6	23.0	21.3	22.1	21.7	22.5	23.0
x=4H y=12H	21.3	22.1	21.8	22.5	22.9	21.3	22.0	21.7	22.4	22.9
x=8H y=4H	21.3	22.1	21.7	22.5	22.9	21.2	22.1	21.7	22.5	22.9
x=8H y=6H	21.9	22.6	22.4	23.0	23.4	21.9	22.5	22.3	23.0	23.4
x=8H y=8H	22.0	22.6	22.4	23.0	23.4	21.9	22.5	22.4	23.0	23.4
x=8H y=12H	22.0	22.5	22.4	22.9	23.4	21.9	22.4	22.4	22.9	23.4
x=12H y=4H	21.3	22.1	21.7	22.5	22.9	21.3	22.0	21.7	22.5	22.9
x=12H y=6H	21.9	22.5	22.4	23.0	23.4	21.9	22.5	22.4	22.9	23.4
x=12H y=8H	22.0	22.5	22.5	23.0	23.4	22.0	22.5	22.4	22.9	23.4

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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	232	209	192	174	199	166	116	99	97	83	50	38	17	11	77	41	36	14	11	34	12	10	0
0.80	270	247	209	193	235	184	145	127	113	99	61	49	23	17	93	51	46	19	16	44	16	14	0
1.00	295	274	214	200	261	192	169	151	121	109	69	57	28	22	102	59	54	24	21	51	21	19	0
1.25	315	296	213	201	282	193	192	174	127	116	75	64	34	27	109	66	61	30	26	58	27	24	0
1.50	329	312	208	199	297	191	211	194	129	120	80	70	40	33	113	71	66	35	31	63	32	29	0
2.00	344	331	195	188	316	182	238	223	130	122	86	77	49	42	116	77	74	44	40	71	41	38	0
2.50	354	342	183	178	327	173	258	244	128	122	89	82	56	50	116	82	79	52	48	75	48	45	0
3.00	360	350	173	169	334	165	273	260	126	121	92	85	62	56	115	85	82	58	54	79	54	51	0
4.00	367	360	159	156	344	153	294	283	122	119	95	90	71	65	114	89	87	66	63	84	63	59	0
5.00	372	366	150	148	350	144	308	299	120	117	97	93	76	72	112	92	90	72	69	87	69	66	0
10.00	381	378	128	127	363	125	340	335	113	112	101	99	91	88	108	97	96	87	85	94	84	81	0
20.00	386	385	116	116	369	114	359	356	109	108	104	103	99	97	105	101	100	96	95	98	93	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	518	505	468	458	498	453	393	385	366	360	307	302	264	262	356	302	301	263	262	300	262	261	242
0.80	595	581	525	516	571	509	465	455	425	418	364	359	319	316	413	359	357	317	316	355	316	315	292
1.00	649	636	562	554	623	546	520	509	467	460	407	401	362	358	454	401	398	359	357	396	357	356	330
1.25	698	685	592	585	670	576	572	561	504	497	447	441	402	398	489	439	437	399	397	434	396	394	366
1.50	732	720	611	605	703	596	611	599	529	523	476	470	432	428	515	468	465	429	427	461	426	423	392
2.00	770	760	625	620	740	611	659	648	555	550	509	503	469	465	540	500	497	465	462	492	461	457	422
2.50	790	781	627	623	759	615	687	677	567	563	526	521	491	486	552	516	514	485	483	508	480	476	438
3.00	799	792	624	621	768	613	705	695	571	568	535	530	503	499	557	525	523	497	495	517	491	487	446
4.00	809	803	617	614	778	606	726	717	573	571	544	540	518	514	559	534	532	510	508	524	504	498	454
5.00	812	806	607	606	780	598	736	729	571	568	546	543	524	520	557	535	534	516	513	526	508	502	456
10.00	783	780	553	553	751	545	727	723	532	531	519	517	506	504	519	507	506	496	495	497	487	478	428
20.00	709	707	466	465	677	459	665	663	452	452	446	445	440	438	440	434	434	429	428	423	418	409	356

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	512	498	477	467	490	460	361	353	348	341	272	267	217	215	337	267	265	215	214	264	214	214	194
0.80	618	603	569	558	590	549	458	447	437	429	357	350	297	294	422	350	347	294	293	345	293	291	270
1.00	704	688	641	631	671	619	541	529	512	503	432	424	369	366	494	423	420	366	364	416	364	362	340
1.25	788	772	710	701	751	688	627	614	587	579	510	501	447	443	567	499	495	443	440	490	439	437	415
1.50	854	839	763	754	815	740	697	683	647	639	573	565	512	507	625	561	557	507	504	551	502	498	478
2.00	951	938	838	831	909	816	805	791	738	731	673	664	617	611	714	658	655	609	606	646	603	598	578
2.50	1000	1000	887	882	972	867	881	867	800	793	742	734	692	686	776	726	723	683	679	713	675	668	650
3.00	1000	1000	921	917	1000	902	937	924	844	838	793	786	748	741	819	776	773	737	733	761	728	719	703
4.00	1000	1000	964	961	1000	947	1000	1000	901	897	860	854	823	816	877	842	839	810	806	826	798	788	773
5.00	1000	1000	990	988	1000	974	1000	1000	936	933	902	897	871	865	912	883	881	857	853	867	844	832	818
10.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	993	990	977	972	987	973	971	959	956	954	942	926	914
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	998	993	975	964

LM53 SHR C0-C180: 1.649 SHR C90-C270: 1.663 SHR Superficial: 1.885

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Flujo Total=138.65 Flujo Luminaria=138.65

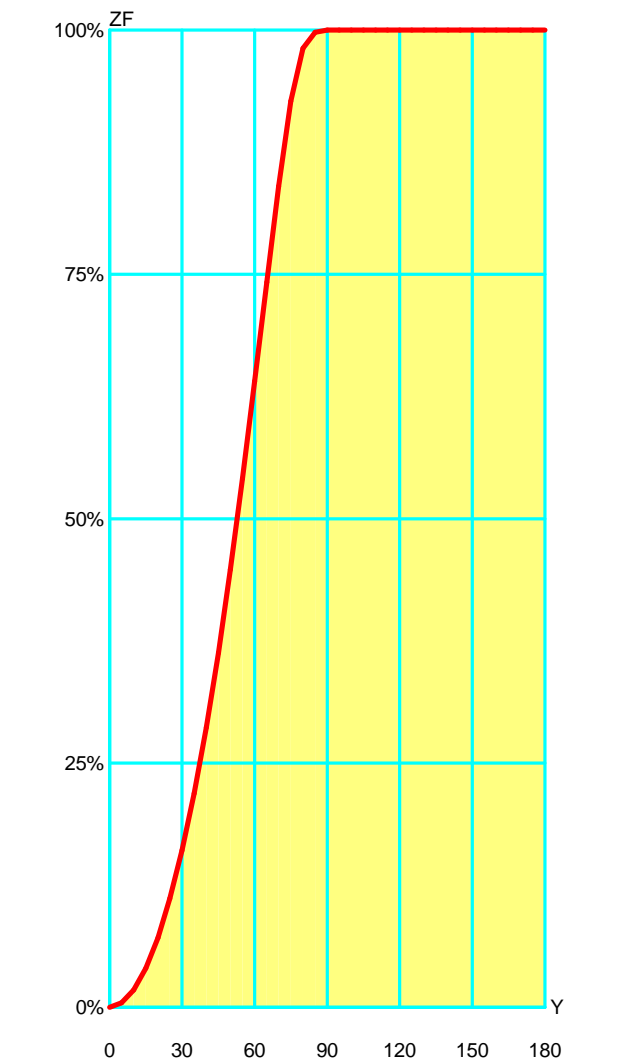
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.19	0.27	0.34	0.42	0.48	0.58	0.65	0.70	0.77	0.82	0.91	0.96
RC	8	8	8	7	7	7	7	7	7	6	6	4

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)	18	71	161	286	448	641	840	981	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.
31 64 93 100 100

C.I.E.	8/8/8/7/7/7/7/7/6/6/4	LOR	100.00000 %
D DIN 5040	A20	ULOR	0.00000 %
F UTE	1.00 I	DLOR	100.00000 %
B NBN	BZ 7 / 0.8 / BZ 6 / 4 / BZ 5	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°	4.44	4.44	0.44 %	0.44 %
10°	13.33	17.77	1.33 %	1.78 %
15°	22.22	39.99	2.22 %	4.00 %
20°	31.16	71.15	3.12 %	7.11 %
25°	40.17	111.32	4.02 %	11.13 %
30°	49.23	160.55	4.92 %	16.05 %
35°	58.30	218.85	5.83 %	21.89 %
40°	67.37	286.22	6.74 %	28.62 %
45°	76.33	362.55	7.63 %	36.25 %
50°	85.10	447.65	8.51 %	44.77 %
55°	93.41	541.06	9.34 %	54.11 %
60°	99.56	640.62	9.96 %	64.06 %
65°	101.40	742.02	10.14 %	74.20 %
70°	98.29	840.31	9.83 %	84.03 %
75°	86.92	927.23	8.69 %	92.72 %
80°	54.10	981.33	5.41 %	98.13 %
85°	16.47	997.80	1.65 %	99.78 %
90°	2.20	1000.00	0.22 %	100.00 %
95°	0.00	1000.00	0.00 %	100.00 %
100°	0.00	1000.00	0.00 %	100.00 %
105°	0.00	1000.00	0.00 %	100.00 %
110°	0.00	1000.00	0.00 %	100.00 %
115°	0.00	1000.00	0.00 %	100.00 %
120°	0.00	1000.00	0.00 %	100.00 %
125°	0.00	1000.00	0.00 %	100.00 %
130°	0.00	1000.00	0.00 %	100.00 %
135°	0.00	1000.00	0.00 %	100.00 %
140°	0.00	1000.00	0.00 %	100.00 %
145°	0.00	1000.00	0.00 %	100.00 %
150°	0.00	1000.00	0.00 %	100.00 %
155°	0.00	1000.00	0.00 %	100.00 %
160°	0.00	1000.00	0.00 %	100.00 %
165°	0.00	1000.00	0.00 %	100.00 %
170°	0.00	1000.00	0.00 %	100.00 %
175°	0.00	1000.00	0.00 %	100.00 %
180°	0.00	1000.00	0.00 %	100.00 %

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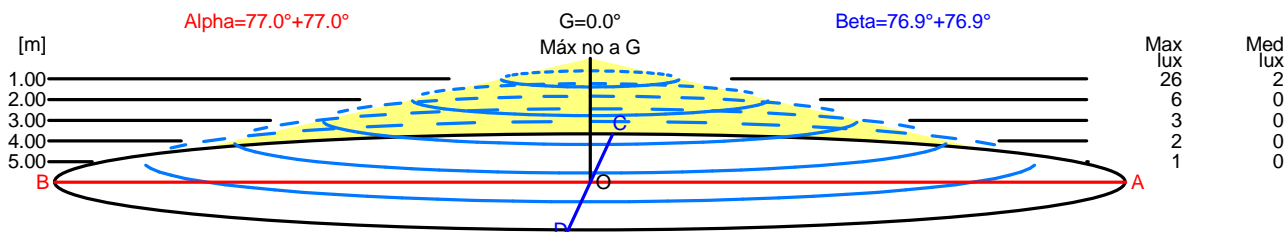
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Apertura a 50.00 % de Max Intensidad

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	4.32	8.64	12.96	17.28	21.60	OC	4.31	8.63	12.94	17.25	21.56
OB	4.32	8.64	12.96	17.28	21.60	OD	4.31	8.63	12.94	17.25	21.56

	0	5	15	25	35	45	55	65	75	85
OA	25.73	25.76	26.06	26.73	27.68	28.91	30.11	28.28	20.38	0.79
OB	25.73	25.76	26.06	26.73	27.68	28.91	30.11	28.28	20.38	0.79
OC	25.73	25.79	26.12	26.80	27.76	28.91	30.06	28.23	20.17	0.82
OD	25.73	25.79	26.12	26.80	27.76	28.91	30.06	28.23	20.17	0.82



H[m]	D[m]	Max lux	Med lux	Alpha=77.0°+77.0°	G=0.0 Máx no a G
1.00	8.64	26	2		
2.00	17.28	6	0		
3.00	25.92	3	0		
4.00	34.57	2	0		
5.00	43.21	1	0		

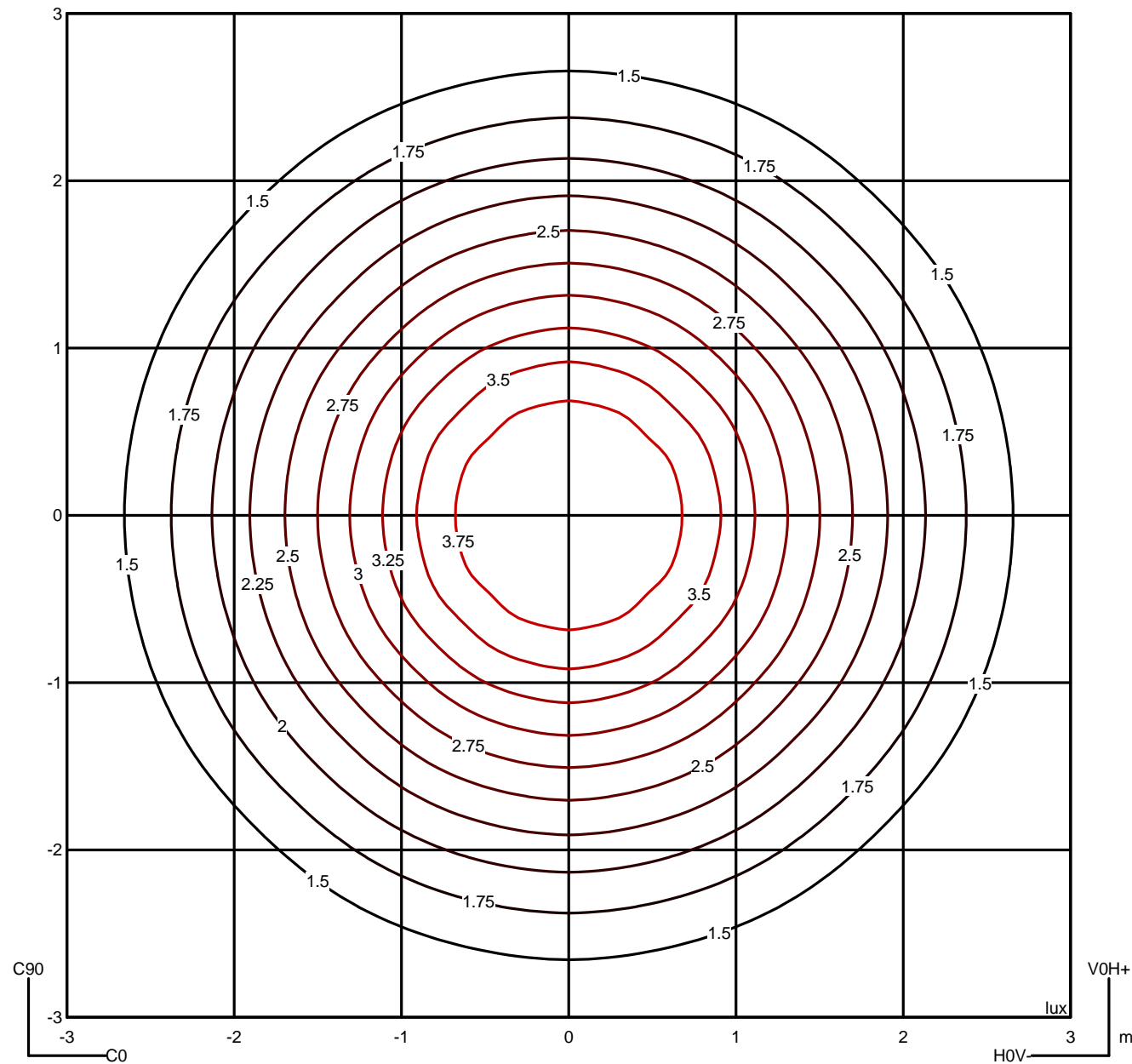
H[m]	D[m]	Max lux	Med lux	Beta=76.9°+76.9°	G=0.0 Máx no a G
1.00	8.63	26	2		
2.00	17.25	6	0		
3.00	25.88	3	0		
4.00	34.50	2	0		
5.00	43.13	1	0		

Luminaria
Código GINGER 20
Nombre GINGER 20 led SMD 4W 2700K
Ensayo
Código GINGER 20
Nombre GINGER 20 led SMD 4W 2700K

Flujo Luminaria	138.65 lm	Potencia luminaria	4.00 W	Eficiencia	34.66 lm/W	Rendimiento	100.00%
Flujo de Lámpara	138.65 lm	Valor Máximo	217.46 cd/klm	Posición	C=30.00 G=55.00	CG	Bisimétrico

Isolux (Suelo)

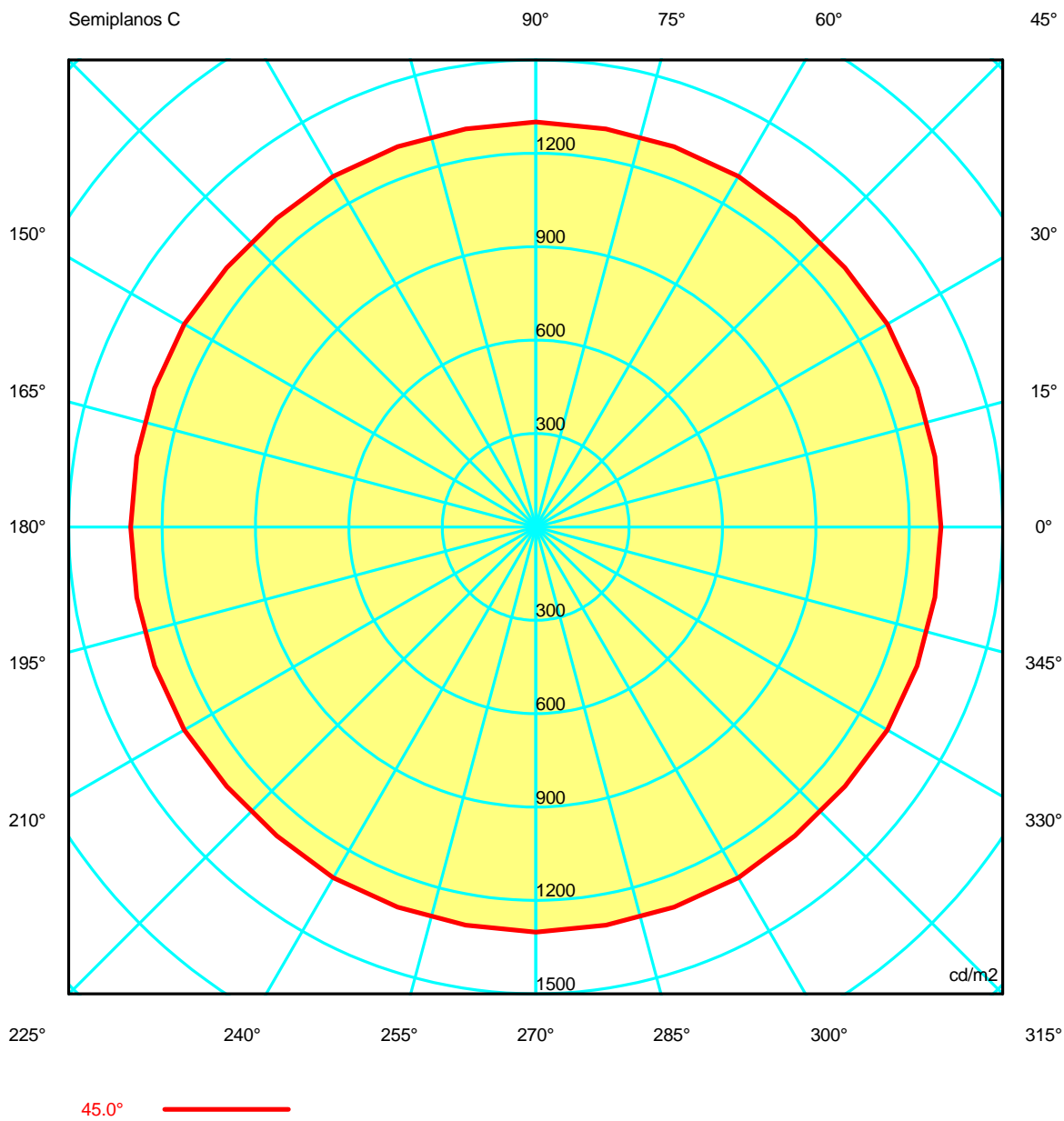
Posición Luminaria X=0.00m Y=0.00m Z=2.50m



Luminaria
Código GINGER 20
Nombre GINGER 20 led SMD 4W 2700K
Ensayo
Código GINGER 20
Nombre GINGER 20 led SMD 4W 2700K

Flujo Luminaria	138.65 lm	Potencia luminaria	4.00 W	Eficiencia	34.66 lm/W	Rendimiento	100.00%
Flujo de Lámpara	138.65 lm	Valor Máximo	217.46 cd/klm	Posición	C=30.00 G=55.00	CG	Bisimétrico

Luminancia



Luminaria

Código GINGER 20

Nombre GINGER 20 led SMD 4W 2700K

Ensayo

Código GINGER 20

Nombre GINGER 20 led SMD 4W 2700K

Flujo Luminaria	138.65 lm	Potencia luminaria	4.00 W	Eficiencia	34.66 lm/W	Rendimiento	100.00%
Flujo de Lámpara	138.65 lm	Valor Máximo	217.46 cd/klm	Posición	C=30.00 G=55.00	CG	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	819.12	819.12	819.12	819.12	819.12	819.12	819.12	819.12	819.12	819.12	819.12	819.12	819.12
G 5.0	823.16	822.88	822.94	823.63	824.72	824.38	823.16	823.50	823.99	824.18	823.99	823.50	823.16
G 10.0	836.91	836.02	836.28	836.58	834.92	834.73	836.37	836.55	836.74	837.31	836.74	836.55	836.37
G 15.0	858.84	859.00	859.92	860.34	856.80	856.54	859.73	859.45	859.09	860.70	859.09	859.45	859.73
G 20.0	893.47	891.98	892.99	894.14	891.15	890.90	893.85	893.71	893.77	895.91	893.77	893.71	893.85
G 25.0	938.89	938.51	939.45	940.57	937.65	937.16	939.57	939.35	939.37	941.24	939.37	939.35	939.57
G 30.0	1000.03	998.58	999.45	1000.45	997.60	997.46	1000.47	1000.40	1000.68	1002.46	1000.68	1000.40	1000.47
G 35.0	1075.41	1076.02	1077.51	1078.34	1074.33	1073.94	1077.34	1076.50	1076.12	1078.72	1076.12	1076.50	1077.34
G 40.0	1177.48	1175.25	1175.59	1176.48	1171.55	1171.63	1176.74	1176.04	1175.74	1177.69	1175.74	1176.04	1176.74
G 45.0	1301.19	1301.40	1303.11	1303.69	1296.06	1294.95	1300.79	1299.68	1298.52	1301.50	1298.52	1299.68	1300.79
G 50.0	1465.63	1463.26	1463.84	1464.62	1454.58	1455.22	1465.22	1462.83	1460.09	1464.11	1460.09	1462.83	1465.22
G 55.0	1670.82	1671.14	1673.53	1673.30	1660.16	1659.72	1670.61	1666.29	1662.49	1668.01	1662.49	1666.29	1670.61
G 60.0	1892.55	1894.49	1898.97	1899.08	1880.61	1877.51	1890.54	1887.49	1883.92	1889.44	1883.92	1887.49	1890.54
G 65.0	2130.00	2128.01	2127.33	2127.95	2105.04	2103.58	2123.77	2121.68	2120.43	2126.15	2120.43	2121.68	2123.77
G 70.0	2384.09	2390.50	2401.72	2407.28	2392.77	2387.06	2390.11	2375.21	2367.27	2376.81	2367.27	2375.21	2390.11
G 75.0	2506.40	2467.72	2487.84	2539.98	2541.42	2546.83	2551.34	2513.96	2489.26	2480.23	2489.26	2513.96	2551.34
G 80.0	1157.69	1359.33	1435.40	1450.64	1562.69	1559.98	1415.14	1323.84	1261.91	1191.96	1261.91	1323.84	1415.14
G 85.0	289.02	298.59	301.87	295.87	285.47	292.77	310.44	308.64	301.29	298.72	301.29	308.64	310.44
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

Código GINGER 20

Nombre GINGER 20 led SMD 4W 2700K

Ensayo

Código GINGER 20

Nombre GINGER 20 led SMD 4W 2700K

Flujo Luminaria	138.65 lm	Potencia luminaria	4.00 W	Eficiencia	34.66 lm/W	Rendimiento	100.00%
Flujo de Lámpara	138.65 lm	Valor Máximo	217.46 cd/klm	Posición	C=30.00 G=55.00	CG 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	819.12	819.12	819.12	819.12	819.12	819.12	819.12	819.12	819.12	819.12	819.12	819.12	819.12
G 5.0	824.38	824.72	823.63	822.94	822.88	823.16	822.88	822.94	823.63	824.72	824.38	823.16	823.50
G 10.0	834.73	834.92	836.58	836.28	836.02	836.91	836.02	836.28	836.58	834.92	834.73	836.37	836.55
G 15.0	856.54	856.80	860.34	859.92	859.00	858.84	859.00	859.92	860.34	856.80	856.54	859.73	859.45
G 20.0	890.90	891.15	894.14	892.99	891.98	893.47	891.98	892.99	894.14	891.15	890.90	893.85	893.71
G 25.0	937.16	937.65	940.57	939.45	938.51	938.89	938.51	939.45	940.57	937.65	937.16	939.57	939.35
G 30.0	997.46	997.60	1000.45	999.45	998.58	1000.03	998.58	999.45	1000.45	997.60	997.46	1000.47	1000.40
G 35.0	1073.94	1074.33	1078.34	1077.51	1076.02	1075.41	1076.02	1077.51	1078.34	1074.33	1073.94	1077.34	1076.50
G 40.0	1171.63	1171.55	1176.48	1175.59	1175.25	1177.48	1175.25	1175.59	1176.48	1171.55	1171.63	1176.74	1176.04
G 45.0	1294.95	1296.06	1303.69	1303.11	1301.40	1301.19	1301.40	1303.11	1303.69	1296.06	1294.95	1300.79	1299.68
G 50.0	1455.22	1454.58	1464.62	1463.84	1463.26	1465.63	1463.26	1463.84	1464.62	1454.58	1455.22	1465.22	1462.83
G 55.0	1659.72	1660.16	1673.30	1673.53	1671.14	1670.82	1671.14	1673.53	1673.30	1660.16	1659.72	1670.61	1666.29
G 60.0	1877.51	1880.61	1899.08	1898.97	1894.49	1892.55	1894.49	1898.97	1899.08	1880.61	1877.51	1890.54	1887.49
G 65.0	2103.58	2105.04	2127.95	2127.33	2128.01	2130.00	2128.01	2127.33	2127.95	2105.04	2103.58	2123.77	2121.68
G 70.0	2387.06	2392.77	2407.28	2401.72	2390.50	2384.09	2390.50	2401.72	2407.28	2392.77	2387.06	2390.11	2375.21
G 75.0	2546.83	2541.42	2539.98	2487.84	2467.72	2506.40	2467.72	2487.84	2539.98	2541.42	2546.83	2551.34	2513.96
G 80.0	1559.98	1562.69	1450.64	1435.40	1359.33	1157.69	1359.33	1435.40	1450.64	1562.69	1559.98	1415.14	1323.84
G 85.0	292.77	285.47	295.87	301.87	298.59	289.02	298.59	301.87	295.87	285.47	292.77	310.44	308.64
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

Código GINGER 20
Nombre GINGER 20 led SMD 4W 2700K

Ensayo

Código GINGER 20
Nombre GINGER 20 led SMD 4W 2700K

Flujo Luminaria	138.65 lm	Potencia luminaria	4.00 W	Eficiencia	34.66 lm/W	Rendimiento	100.00%
Flujo de Lámpara	138.65 lm	Valor Máximo	217.46 cd/klm	Posición	C=30.00 G=55.00	CG	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	819.12	819.12	819.12	819.12	819.12	819.12	819.12	819.12	819.12	819.12
G 5.0	823.99	824.18	823.99	823.50	823.16	824.38	824.72	823.63	822.94	822.88
G 10.0	836.74	837.31	836.74	836.55	836.37	834.73	834.92	836.58	836.28	836.02
G 15.0	859.09	860.70	859.09	859.45	859.73	856.54	856.80	860.34	859.92	859.00
G 20.0	893.77	895.91	893.77	893.71	893.85	890.90	891.15	894.14	892.99	891.98
G 25.0	939.37	941.24	939.37	939.35	939.57	937.16	937.65	940.57	939.45	938.51
G 30.0	1000.68	1002.46	1000.68	1000.40	1000.47	997.46	997.60	1000.45	999.45	998.58
G 35.0	1076.12	1078.72	1076.12	1076.50	1077.34	1073.94	1074.33	1078.34	1077.51	1076.02
G 40.0	1175.74	1177.69	1175.74	1176.04	1176.74	1171.63	1171.55	1176.48	1175.59	1175.25
G 45.0	1298.52	1301.50	1298.52	1299.68	1300.79	1294.95	1296.06	1303.69	1303.11	1301.40
G 50.0	1460.09	1464.11	1460.09	1462.83	1465.22	1455.22	1454.58	1464.62	1463.84	1463.26
G 55.0	1662.49	1668.01	1662.49	1666.29	1670.61	1659.72	1660.16	1673.30	1673.53	1671.14
G 60.0	1883.92	1889.44	1883.92	1887.49	1890.54	1877.51	1880.61	1899.08	1898.97	1894.49
G 65.0	2120.43	2126.15	2120.43	2121.68	2123.77	2103.58	2105.04	2127.95	2127.33	2128.01
G 70.0	2367.27	2376.81	2367.27	2375.21	2390.11	2387.06	2392.77	2407.28	2401.72	2390.50
G 75.0	2489.26	2480.23	2489.26	2513.96	2551.34	2546.83	2541.42	2539.98	2487.84	2467.72
G 80.0	1261.91	1191.96	1261.91	1323.84	1415.14	1559.98	1562.69	1450.64	1435.40	1359.33
G 85.0	301.29	298.72	301.29	308.64	310.44	292.77	285.47	295.87	301.87	298.59
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00