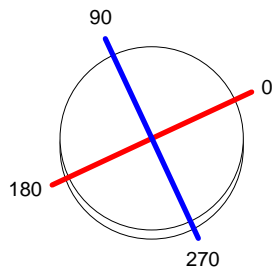


Luminaria		Ensayo		Lámpara	
Código	GINGER 42 NEW	Código	GINGER 42 NEW	Código	GINGER 42 NEW
Nombre	Colgante leds 16.2W 700mA	Nombre	Colgante leds 16.2W 700mA	Número	1
Familia	- MARSET	Fecha	11-02-2015	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	698.14 lm
Valor Máximo	259.76 cd/klm	Posición	C=0.00 G=10.00	Bisimétrico	
Luminaria Redonda	Diam.	420 mm	Altura	95 mm	
Área Luminosa Redonda	Diam.	420 mm	Altura	0 mm	
Área Luminosa Horizontal		0.138544 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°		0.033517 m2
Tipo de Simetría	Bisimétrico	Máximo Ángulo Gamma	Flujo de Ensayo	90	698.14 lm
Distancia de Ensayo	6.44				
Operador	Asselum T2	Tensión de alimentación	Corriente de alimentación	230.00 V	
Temperatura	20.00 °C	Fotocélula		Prc	
Humedad	41.00 %				
Notas					

Familia		Lámparas de la Luminaria				Flujo [lm]	Pot. [W]	Cant.
- MARSET		Código	Nombre					
		GINGER 42 NEW	Lámpara led blanco 16.2W			698.14	16.00	1
C.I.E.	39 72 95 100 100		D DIN 5040	A20				
F UTE	1.00 G		B NBN	BZ 5				

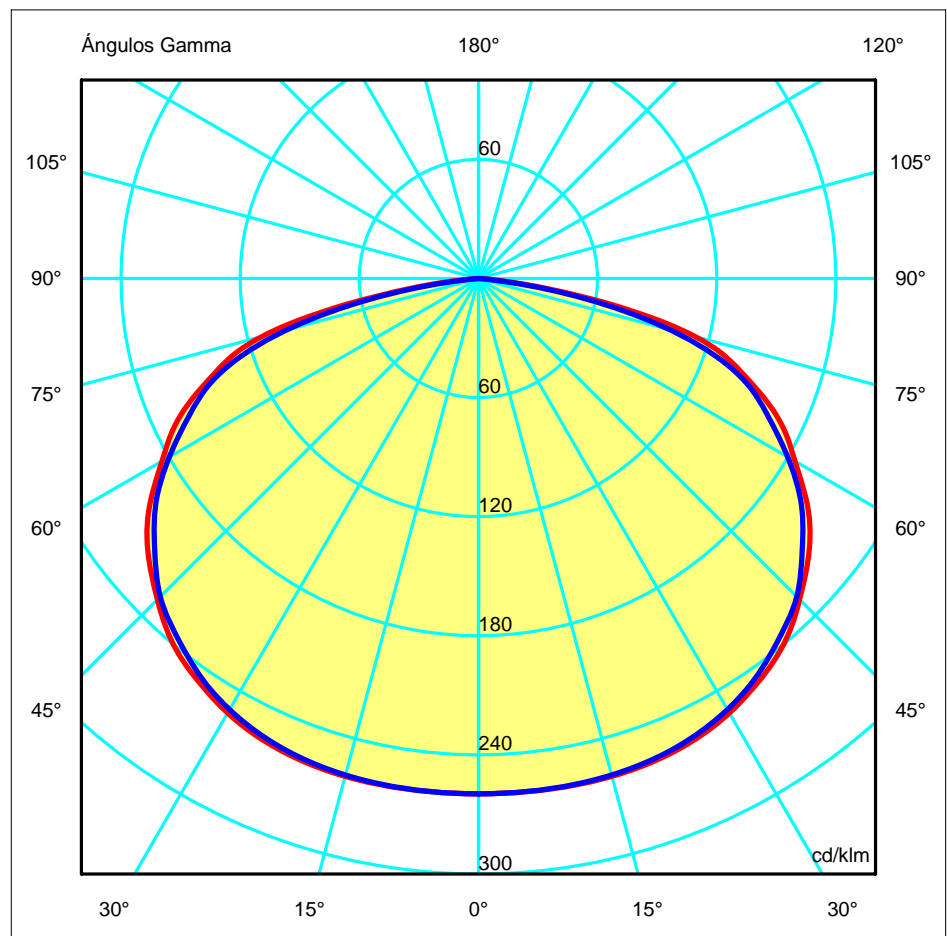
Diam=420mm



Semiplanos C

180.0 — 0.0
270.0 — 90.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



Luminaria		Ensayo		Lámpara	
Código	GINGER 42 NEW	Código	GINGER 42 NEW	Código	GINGER 42 NEW
Nombre	Colgante leds 16.2W 700mA	Nombre	Colgante leds 16.2W 700mA	Número	1
Familia	- MARSET	Fecha	11-02-2015	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	698.14 lm
Valor Máximo	259.76 cd/klm	Posición	C=0.00 G=10.00	Bisimétrico	

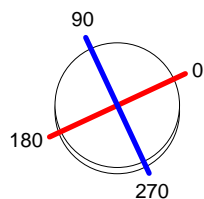
Tabla de Intensidad Luminosa cd/klm Tabla 1/1

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	259.57	259.57	259.57	259.57	259.57	259.57	259.57
G 5.0	259.63	259.64	259.61	259.70	259.54	259.63	259.60
G 10.0	259.76	259.72	259.71	259.69	259.53	259.54	259.47
G 15.0	259.65	259.47	259.36	259.29	259.07	259.10	258.91
G 20.0	258.71	258.42	258.19	258.05	257.74	257.82	257.67
G 25.0	256.61	255.76	255.81	255.60	255.04	255.23	254.99
G 30.0	252.74	251.69	251.47	251.36	250.90	250.94	250.72
G 35.0	246.90	245.46	245.19	245.04	244.77	244.59	244.43
G 40.0	239.75	236.90	236.81	237.16	236.28	236.15	235.98
G 45.0	228.66	226.76	226.52	226.37	226.02	226.64	226.69
G 50.0	217.10	213.69	214.14	213.55	213.12	213.30	212.85
G 55.0	202.64	199.11	199.08	198.91	198.65	198.82	198.50
G 60.0	184.08	180.65	180.47	180.42	180.11	179.95	179.79
G 65.0	166.60	160.32	160.40	160.60	160.26	160.15	159.89
G 70.0	142.45	138.95	137.57	139.26	138.71	138.36	138.26
G 75.0	113.15	101.00	102.51	104.12	103.30	100.82	99.56
G 80.0	54.96	44.66	44.69	44.59	46.09	47.08	46.66
G 85.0	7.19	4.82	5.40	5.36	5.11	5.16	4.27
G 90.0	1.16	1.19	1.19	1.21	1.21	1.21	1.20

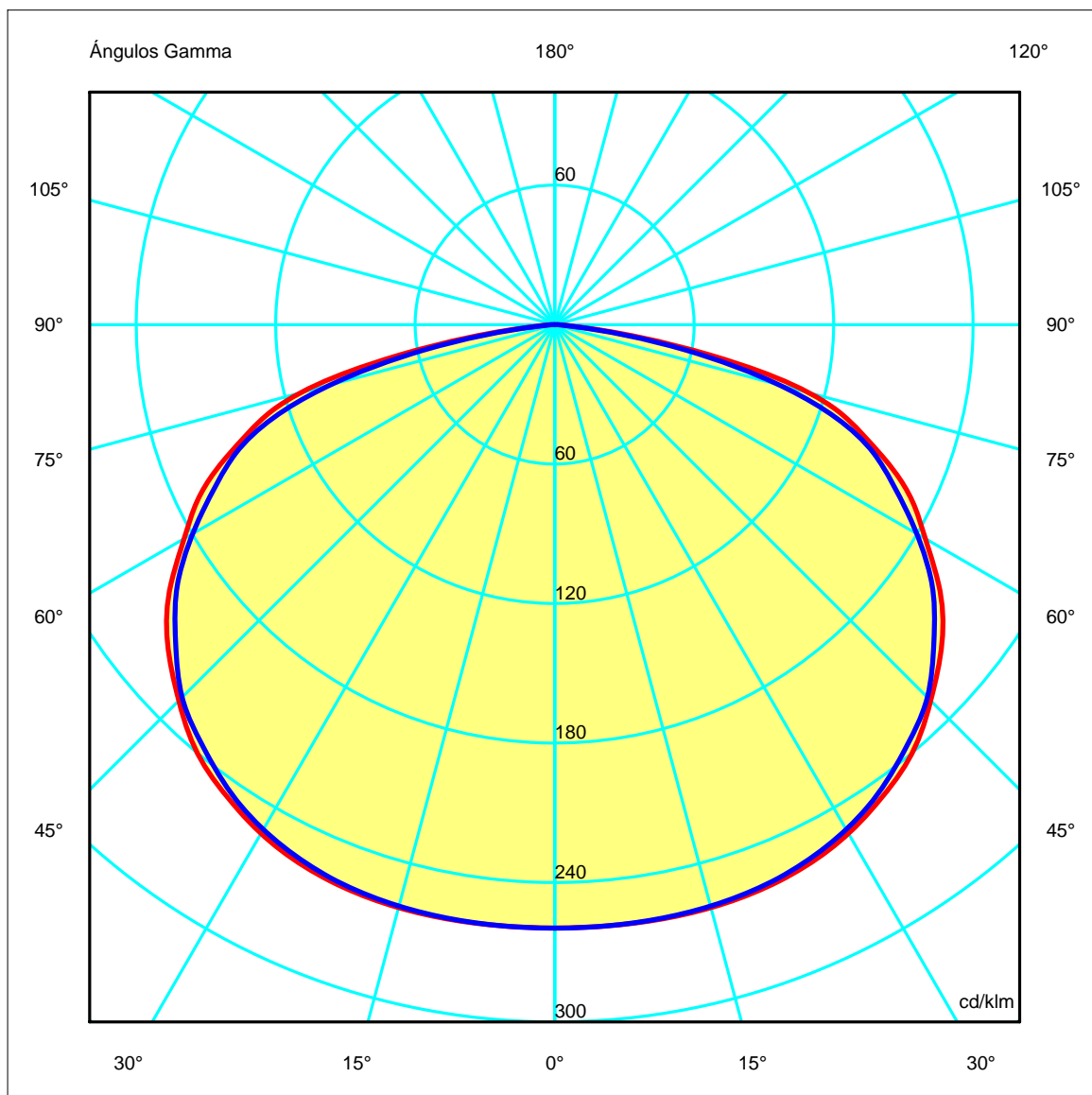
Luminaria		Ensayo		Lámpara	
Código	GINGER 42 NEW	Código	GINGER 42 NEW	Código	GINGER 42 NEW
Nombre	Colgante leds 16.2W 700mA	Nombre	Colgante leds 16.2W 700mA	Número	1
Familia	- MARSET	Fecha	11-02-2015	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	698.14 lm
Valor Máximo	259.76 cd/klm	Posición	C=0.00 G=10.00	Bisimétrico	

Diam=420mm

Semiplanos C

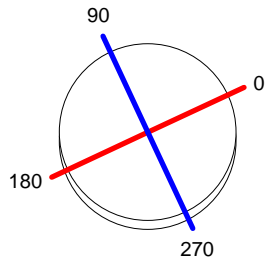


180.0 ————— 0.0
 270.0 ————— 90.0

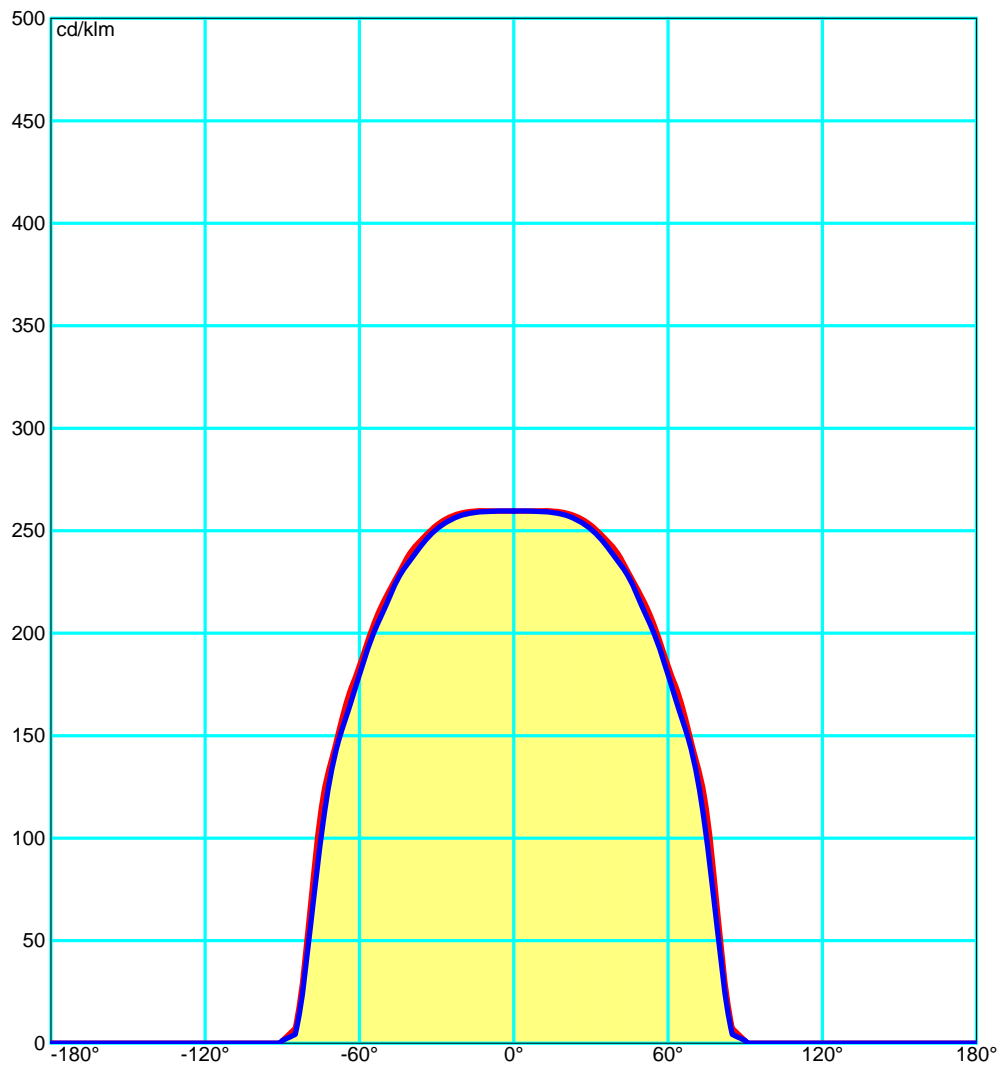


Luminaria		Ensayo		Lámpara	
Código	GINGER 42 NEW	Código	GINGER 42 NEW	Código	GINGER 42 NEW
Nombre	Colgante leds 16.2W 700mA	Nombre	Colgante leds 16.2W 700mA	Número	1
Familia	- MARSET	Fecha	11-02-2015	Posición	Universal
Rendimiento	100.00%	Sist. de Coord.	CG	Flujo Total	698.14 lm
Valor Máximo	259.76 cd/klm	Posición	C=0.00 G=10.00	Bisimétrico	

Diam=420mm



Semiplanos C



Luminaria		Ensayo		Lámpara	
Código	GINGER 42 NEW	Código	GINGER 42 NEW	Código	GINGER 42 NEW
Nombre	Colgante leds 16.2W 700mA	Nombre	Colgante leds 16.2W 700mA	Número	1
Familia	- MARSET	Fecha	11-02-2015	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	698.14 lm
Valor Máximo	259.76 cd/klm	Posición	C=0.00 G=10.00	Bisimétrico	

UGR
S = 0.250

Reflectancias										
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	14.8	16.3	15.1	16.5	16.7	14.8	16.2	15.1	16.5	16.7
x=2H y=3H	17.2	18.5	17.5	18.8	19.0	17.1	18.5	17.5	18.7	19.0
x=2H y=4H	18.2	19.5	18.6	19.7	19.9	18.1	19.3	18.4	19.6	19.9
x=2H y=6H	18.8	20.0	19.2	20.3	20.4	18.6	19.8	19.0	20.1	20.4
x=2H y=8H	18.9	20.0	19.2	20.3	20.4	18.7	19.8	19.0	20.1	20.4
x=2H y=12H	18.9	19.9	19.2	20.2	20.4	18.6	19.7	19.0	20.0	20.4
x=4H y=2H	15.8	17.1	16.2	17.3	17.6	15.8	17.0	16.1	17.3	17.6
x=4H y=3H	18.3	19.4	18.7	19.7	20.0	18.3	19.4	18.7	19.7	20.0
x=4H y=4H	19.4	20.4	19.8	20.7	21.0	19.4	20.3	19.8	20.7	21.0
x=4H y=6H	20.1	20.9	20.5	21.3	21.6	20.0	20.8	20.4	21.2	21.6
x=4H y=8H	20.2	20.9	20.6	21.3	21.6	20.0	20.8	20.5	21.2	21.6
x=4H y=12H	20.2	20.8	20.6	21.3	21.6	20.0	20.7	20.5	21.1	21.6
x=8H y=4H	19.9	20.6	20.3	21.0	21.4	19.8	20.6	20.3	21.0	21.4
x=8H y=6H	20.6	21.2	21.0	21.6	22.0	20.5	21.1	20.9	21.5	22.0
x=8H y=8H	20.7	21.2	21.2	21.7	22.1	20.6	21.1	21.1	21.6	22.1
x=8H y=12H	20.7	21.2	21.2	21.6	22.1	20.6	21.1	21.1	21.5	22.1
x=12H y=4H	19.9	20.6	20.3	21.0	21.4	19.8	20.5	20.3	20.9	21.4
x=12H y=6H	20.6	21.1	21.1	21.6	22.0	20.5	21.1	21.0	21.5	22.0
x=12H y=8H	20.7	21.2	21.2	21.7	22.1	20.6	21.1	21.1	21.6	22.1

Luminaria		Ensayo		Lámpara	
Código	GINGER 42 NEW	Código	GINGER 42 NEW	Código	GINGER 42 NEW
Nombre	Colgante leds 16.2W 700mA	Nombre	Colgante leds 16.2W 700mA	Número	1
Familia	- MARSET	Fecha	11-02-2015	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	698.14 lm
Valor Máximo	259.76 cd/klm	Posición	C=0.00 G=10.00	Bisimétrico	

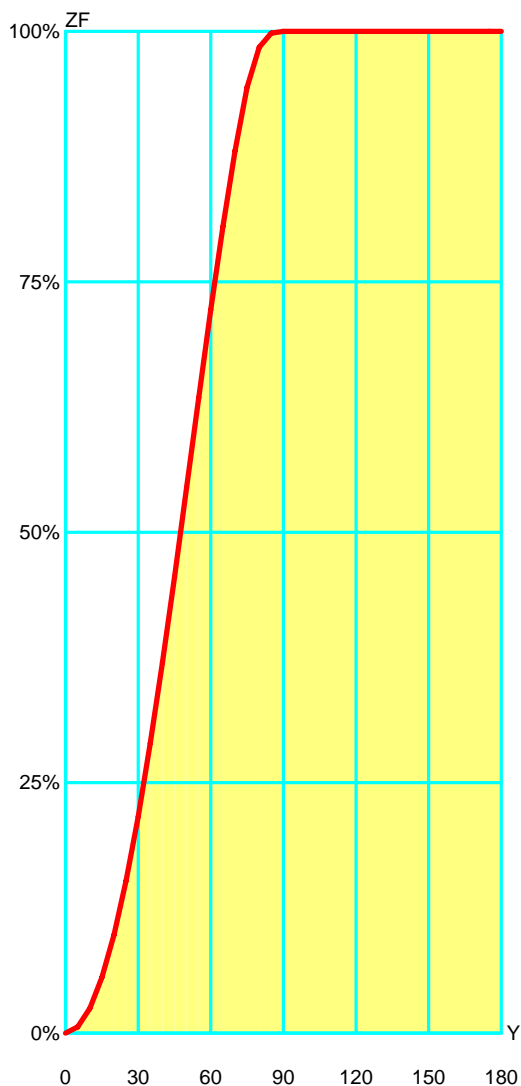
Flujo Total=698.14 Flujo Luminaria=698.14

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	0.25	0.33	0.41	0.48	0.54	0.63	0.70	0.75	0.81	0.84	0.92	0.97
RC	6	6	6	6	6	6	6	6	6	6	5	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)	25	98	216	370	545	722	881	984	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Códigos de Flujo C.I.E.
39 72 95 100 100

C.I.E.	6/6/6/6/6/6/6/6/5/4	LOR	99.99986 %
D DIN 5040	A20	ULOR	0.00000 %
F UTE	1.00 G	DLOR	99.99986 %
B NBN	BZ 5	UFF	0.00000 %
RN	0.00000 %	DFF	100.00000 %
BLF	1.0	FFR	0.00000 %



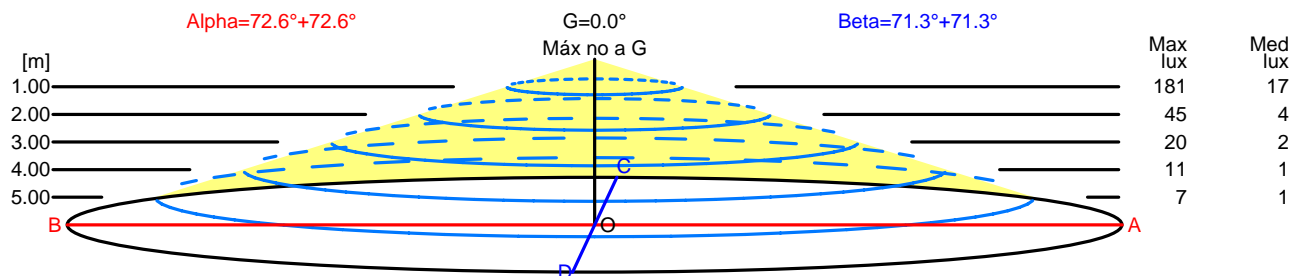
Gamma °	Flujo Zonal			
	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00%
5°	6.21	6.21	0.62%	0.62%
10°	18.58	24.78	1.86%	2.48%
15°	30.78	55.56	3.08%	5.56%
20°	42.64	98.20	4.26%	9.82%
25°	53.87	152.07	5.39%	15.21%
30°	64.15	216.21	6.41%	21.62%
35°	73.11	289.32	7.31%	28.93%
40°	80.41	369.74	8.04%	36.97%
45°	85.83	455.56	8.58%	45.56%
50°	89.00	544.56	8.90%	54.46%
55°	89.80	634.36	8.98%	63.44%
60°	87.78	722.14	8.78%	72.21%
65°	83.00	805.14	8.30%	80.51%
70°	75.89	881.03	7.59%	88.10%
75°	63.22	944.25	6.32%	94.43%
80°	39.96	984.21	4.00%	98.42%
85°	14.02	998.23	1.40%	99.82%
90°	1.77	1000.00	0.18%	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%

Luminaria		Ensayo		Lámpara	
Código	GINGER 42 NEW	Código	GINGER 42 NEW	Código	GINGER 42 NEW
Nombre	Colgante leds 16.2W 700mA	Nombre	Colgante leds 16.2W 700mA	Número	1
Familia	- MARSET	Fecha	11-02-2015	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	698.14 lm
Valor Máximo	259.76 cd/klm	Posición	C=0.00 G=10.00	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	3.18	6.37	9.55	12.74	15.92	OC	2.96	5.92	8.87	11.83	14.79
OB	3.18	6.37	9.55	12.74	15.92	OD	2.96	5.92	8.87	11.83	14.79

	Intensidades Luminosas [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	181.22	181.26	181.27	179.15	172.37	159.64	141.47	116.31	79.00	5.02
OB	181.22	181.26	181.27	179.15	172.37	159.64	141.47	116.31	79.00	5.02
OC	181.22	181.24	180.76	178.02	170.64	158.26	138.58	111.62	69.51	2.98
OD	181.22	181.24	180.76	178.02	170.64	158.26	138.58	111.62	69.51	2.98



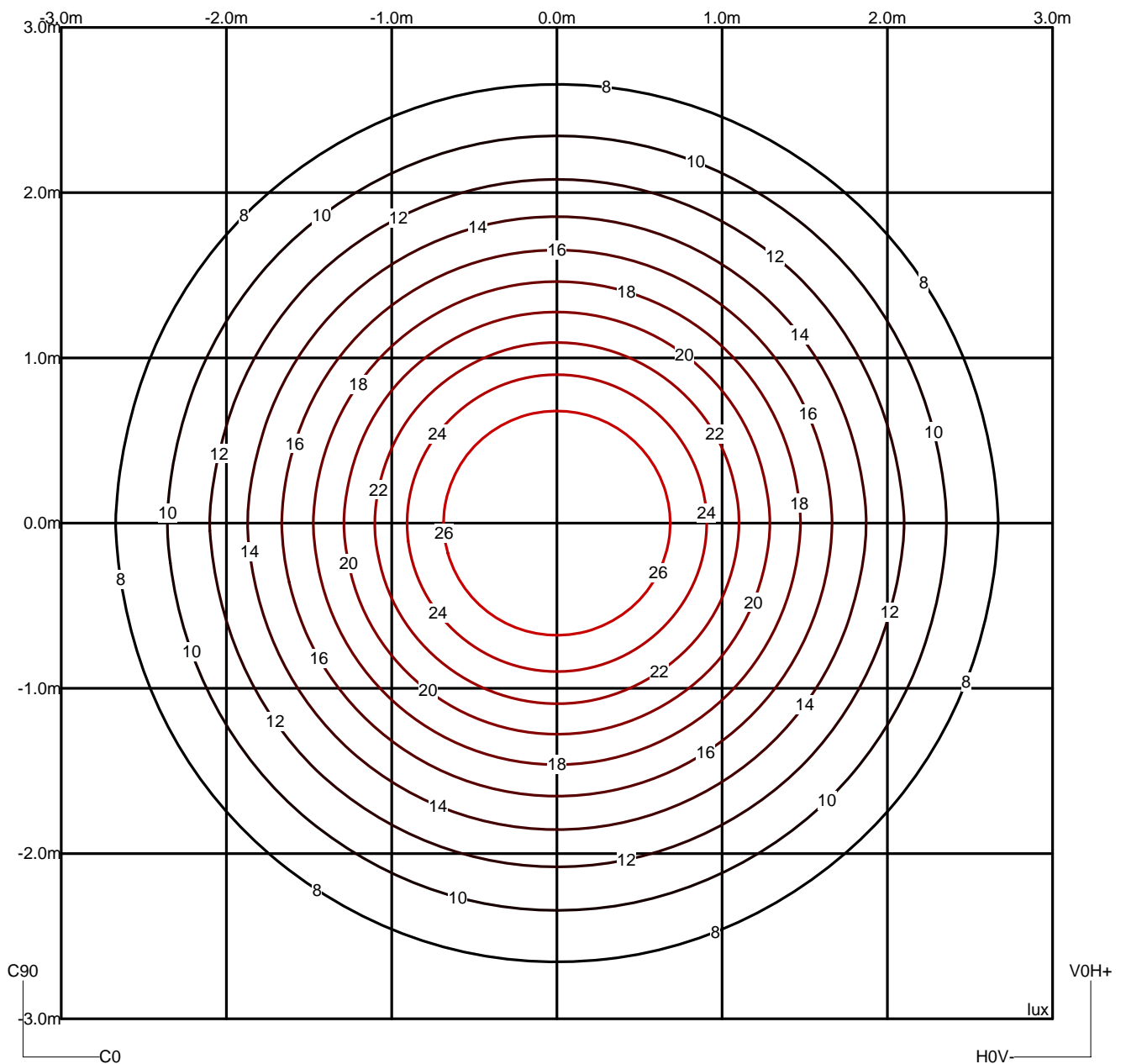
H[m]	D[m]	Max lux	Med lux	Alpha=72.6°+72.6°	G=0.0 Máx no a G	
1.00	6.37	181	17			
2.00	12.74	45	4			
3.00	19.11	20	2			
4.00	25.48	11	1			
5.00	31.84	7	1			

H[m]	D[m]	Max lux	Med lux	Beta=71.3°+71.3°	G=0.0 Máx no a G	
1.00	5.92	181	17			
2.00	11.83	45	4			
3.00	17.75	20	2			
4.00	23.66	11	1			
5.00	29.58	7	1			

Luminaria		Ensayo		Lámpara	
Código	GINGER 42 NEW	Código	GINGER 42 NEW	Código	GINGER 42 NEW
Nombre	Colgante leds 16.2W 700mA	Nombre	Colgante leds 16.2W 700mA	Número	1
Familia	- MARSET	Fecha	11-02-2015	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	698.14 lm
Valor Máximo	259.76 cd/klm	Posición	C=0.00 G=10.00	Bisimétrico	

Isolux (Suelo)

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



Luminaria		Ensayo				Lámpara	
Código	GINGER 42 NEW	Código	GINGER 42 NEW			Código	GINGER 42 NEW
Nombre	Colgante leds 16.2W 700mA	Nombre	Colgante leds 16.2W 700mA			Número	1
Familia	- MARSET	Fecha	11-02-2015			Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG		Flujo Total	698.14 lm	
Valor Máximo	259.76 cd/klm	Posición	C=0.00 G=10.00		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	225	202	181	164	192	156	114	97	92	78	48	36	17	12	73	39	34	14	11	33	12	10	0
0.80	260	239	195	180	227	172	143	125	106	93	59	47	23	17	87	49	44	19	16	42	17	15	0
1.00	284	264	198	186	251	178	166	148	114	102	66	54	29	22	96	56	51	25	21	49	22	19	0
1.25	304	286	196	186	272	178	189	172	119	108	72	61	35	28	102	63	58	31	27	55	27	25	0
1.50	318	302	191	183	287	176	208	191	121	112	77	67	41	34	106	68	64	36	32	61	33	30	0
2.00	334	321	179	173	306	168	236	221	121	114	83	74	50	43	108	75	71	46	42	68	42	39	0
2.50	345	334	169	165	318	160	256	242	120	115	87	79	57	51	109	79	76	53	49	73	49	46	0
3.00	352	342	161	157	327	153	271	259	119	114	89	83	63	57	109	83	80	59	55	77	55	52	0
4.00	361	354	150	147	338	144	293	282	117	114	93	88	72	66	109	87	85	67	64	82	64	60	0
5.00	367	361	142	140	346	137	307	298	115	113	96	91	77	72	108	90	88	73	70	85	70	66	0
10.00	379	376	125	125	361	122	340	335	111	110	101	99	91	88	107	97	96	88	86	93	84	81	0
20.00	386	384	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	492	480	438	429	473	424	373	365	342	336	287	282	247	245	333	283	281	246	245	280	245	244	225
0.80	559	546	484	476	536	469	437	427	392	385	336	331	294	292	381	331	329	292	291	327	291	290	267
1.00	605	592	512	504	580	497	484	473	425	419	371	365	329	326	413	365	362	327	325	360	325	323	297
1.25	645	633	533	527	618	519	527	516	453	447	402	396	362	358	440	395	393	359	357	390	356	354	325
1.50	673	662	546	541	645	532	560	549	473	467	425	419	386	382	459	417	415	383	380	411	379	377	345
2.00	702	692	552	548	673	539	599	588	490	485	449	443	414	410	476	440	438	409	407	433	405	402	366
2.50	718	709	551	548	688	539	623	613	498	494	462	457	431	426	484	452	450	425	422	444	420	416	377
3.00	726	718	547	544	695	536	638	628	500	496	468	463	440	436	486	458	456	434	431	450	428	423	382
4.00	737	731	541	539	706	531	659	650	503	500	477	473	454	450	489	467	465	446	444	458	440	434	390
5.00	743	737	536	535	711	527	672	664	503	501	482	478	462	458	490	471	470	454	451	462	446	439	394
10.00	738	735	508	507	706	500	684	679	487	486	475	473	464	461	474	464	463	454	452	453	445	436	386
20.00	701	699	457	457	669	450	657	655	444	443	438	437	432	431	432	426	426	421	420	415	411	401	348

P.Trab.

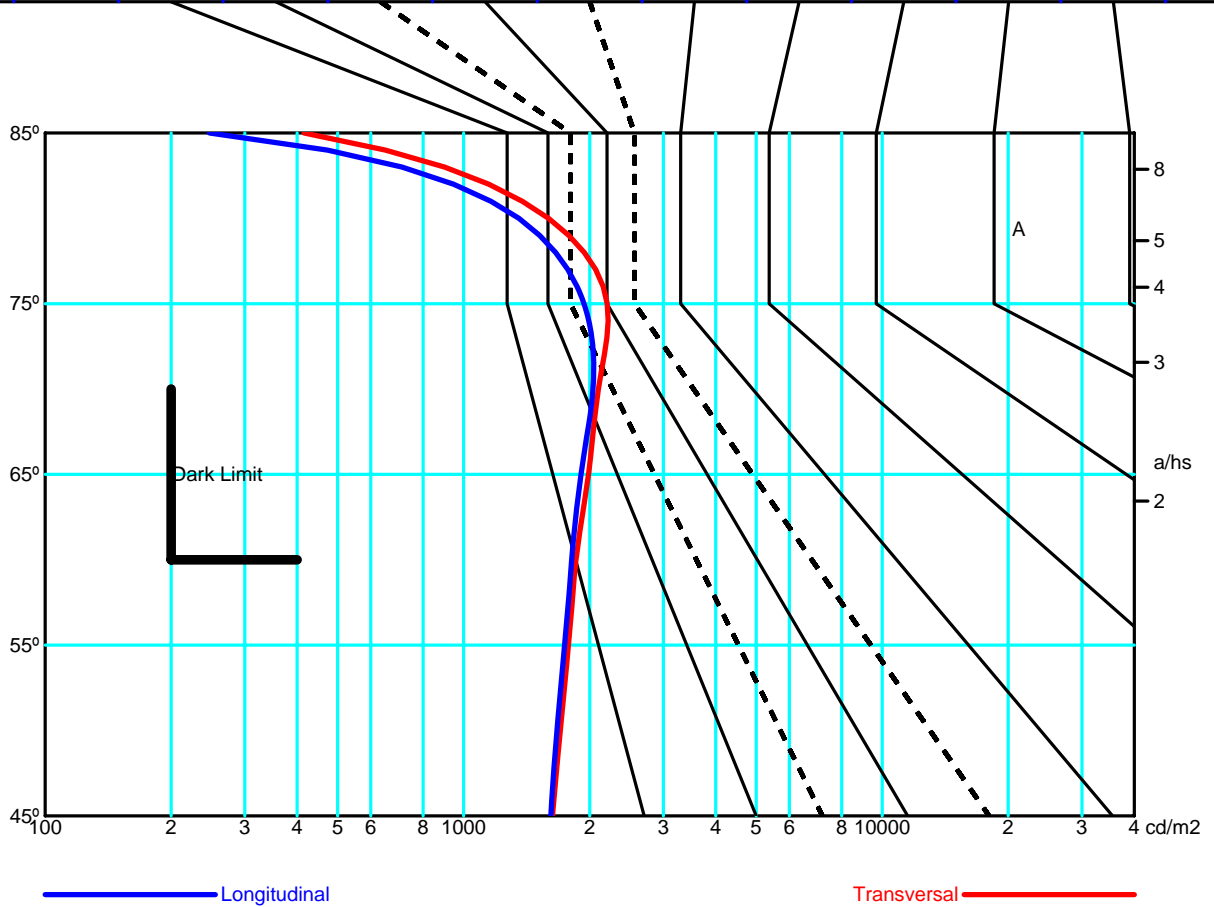
K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000
0.60	554	541	517	507	533	501	411	403	396	390	324	320	273	271	385	320	318	272	271	317	271	270	252
0.80	662	647	610	600	635	591	511	501	488	480	414	408	358	356	474	407	405	356	355	402	354	353	334
1.00	748	733	682	672	716	661	596	584	563	555	490	483	434	430	547	482	479	430	428	475	428	426	406
1.25	830	815	748	739	795	727	680	667	637	629	567	559	511	506	618	557	554	506	504	549	503	500	481
1.50	893	878	797	789	855	777	747	733	694	686	627	619	573	568	673	615	612	567	565	606	563	559	540
2.00	984	971	867	861	943	848	849	835	778	772	720	713	672	665	756	706	703	664	660	695	657	651	634
2.50	1000	1000	912	907	1000	893	919	905	834	828	783	776	740	733	811	768	765	730	726	755	722	715	699
3.00	1000	1000	942	938	1000	924	970	957	873	868	829	822	790	783	850	812	810	778	775	798	769	760	745
4.00	1000	1000	979	976	1000	963	1000	1000	923	919	887	881	854	848	900	869	867	841	838	853	829	819	805
5.00	1000	1000	1000	999	1000	986	1000	1000	953	950	923	918	895	889	930	904	902	881	877	888	868	856	843
10.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	999	994	976	965
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	999	994	976	965

LM53 SHR C0-C180: 1.453 SHR C90-C270: 1.440 SHR Superficial: 1.581

Luminaria		Ensayo		Lámpara	
Código	GINGER 42 NEW	Código	GINGER 42 NEW	Código	GINGER 42 NEW
Nombre	Colgante leds 16.2W 700mA	Nombre	Colgante leds 16.2W 700mA	Número	1
Familia	- MARSET	Fecha	11-02-2015	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	698.14 lm
Valor Máximo	259.76 cd/klm	Posición	C=0.00 G=10.00	Bisimétrico	

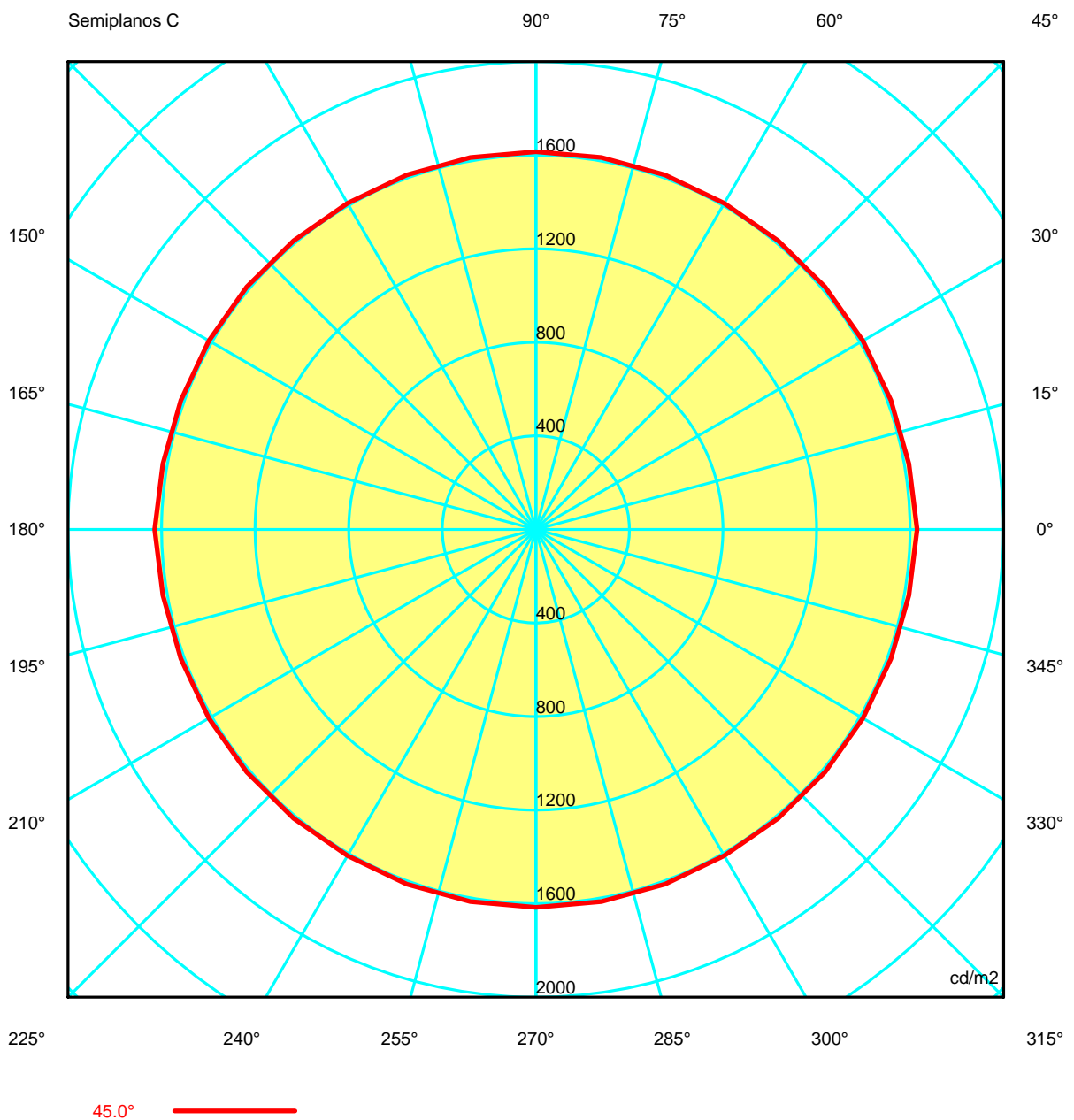
	Luminancia Media [cd/m ²]										
	0.0°	45°	50°	55°	60°	65°	70°	75°	80°	85°	
90.0°	1630	1615	1702	1744	1855	1986	2099	2203	1595	416	---
					1812	1906	2037	1938	1354	247	---

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	GINGER 42 NEW	Código	GINGER 42 NEW	Código	GINGER 42 NEW
Nombre	Colgante leds 16.2W 700mA	Nombre	Colgante leds 16.2W 700mA	Número	1
Familia	- MARSET	Fecha	11-02-2015	Posición	Universal
Rendimiento	100.00%	Sist. de Coord.	CG	Flujo Total	698.14 lm
Valor Máximo	259.76 cd/klm	Posición	C=0.00 G=10.00	Bisimétrico	

Luminancia



Luminaria		Ensayo		Lámpara	
Código	GINGER 42 NEW	Código	GINGER 42 NEW	Código	GINGER 42 NEW
Nombre	Colgante leds 16.2W 700mA	Nombre	Colgante leds 16.2W 700mA	Número	1
Familia	- MARSET	Fecha	11-02-2015	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	698.14 lm
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Valor Máximo	259.76 cd/klm	Posición	C=0.00 G=10.00	Bisimétrico
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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	1308.02	1308.02	1308.02	1308.02	1308.02	1308.02	1308.02	1308.02	1308.02	1308.02	1308.02	1308.02	1308.02
G 5.0	1313.32	1313.41	1313.32	1313.21	1313.62	1313.44	1312.85	1313.11	1313.36	1313.15	1313.36	1313.11	1312.85
G 10.0	1329.14	1329.02	1328.94	1328.90	1328.82	1328.50	1327.97	1327.98	1327.98	1327.67	1327.98	1327.98	1327.97
G 15.0	1354.59	1353.93	1353.38	1353.05	1352.91	1352.28	1351.53	1351.64	1351.52	1350.70	1351.52	1351.64	1351.53
G 20.0	1387.34	1386.28	1385.29	1384.57	1384.18	1383.20	1382.13	1382.37	1382.47	1381.74	1382.47	1382.37	1382.13
G 25.0	1426.79	1423.10	1422.14	1422.34	1421.98	1419.96	1418.04	1418.65	1418.99	1417.78	1418.99	1418.65	1418.04
G 30.0	1470.63	1466.11	1464.07	1463.21	1462.80	1461.68	1459.93	1460.00	1459.97	1458.87	1459.97	1460.00	1459.93
G 35.0	1518.84	1512.22	1508.80	1508.33	1507.82	1506.83	1505.73	1504.94	1504.29	1503.62	1504.29	1504.94	1505.73
G 40.0	1577.10	1562.96	1558.17	1557.76	1559.30	1558.51	1554.29	1553.71	1553.26	1552.30	1553.26	1553.71	1554.29
G 45.0	1629.55	1619.38	1615.42	1614.28	1613.56	1611.98	1610.69	1613.53	1615.22	1615.47	1615.22	1613.53	1610.69
G 50.0	1701.91	1680.93	1676.42	1678.75	1676.56	1672.18	1670.75	1671.86	1671.54	1668.66	1671.54	1671.86	1670.75
G 55.0	1780.32	1756.51	1749.17	1749.04	1748.03	1746.34	1745.20	1746.34	1746.29	1743.92	1746.29	1746.34	1745.20
G 60.0	1855.18	1828.93	1820.00	1818.80	1818.49	1817.27	1815.21	1814.03	1813.10	1812.00	1813.10	1814.03	1815.21
G 65.0	1986.44	1929.07	1911.89	1912.55	1915.78	1913.59	1910.89	1909.93	1908.75	1906.41	1908.75	1909.93	1910.89
G 70.0	2098.83	2062.72	2034.82	2026.93	2044.22	2052.56	2043.64	2039.13	2038.08	2037.01	2038.08	2039.13	2043.64
G 75.0	2203.06	2019.17	1954.75	1995.83	2023.50	2026.49	2011.13	1978.58	1951.80	1938.45	1951.80	1978.58	2011.13
G 80.0	1594.80	1365.43	1296.28	1296.85	1294.99	1303.12	1337.45	1361.81	1365.48	1354.12	1365.48	1361.81	1337.45
G 85.0	415.69	306.87	290.01	312.10	316.56	302.38	295.36	297.31	286.95	246.96	286.95	297.31	295.36
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	GINGER 42 NEW	Código	GINGER 42 NEW	Código	GINGER 42 NEW
Nombre	Colgante leds 16.2W 700mA	Nombre	Colgante leds 16.2W 700mA	Número	1
Familia	- MARSET	Fecha	11-02-2015	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	698.14 lm
Valor Máximo	259.76 cd/klm	Posición	C=0.00 G=10.00	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	1308.02	1308.02	1308.02	1308.02	1308.02	1308.02	1308.02	1308.02	1308.02	1308.02	1308.02	1308.02	1308.02
G 5.0	1313.44	1313.62	1313.21	1313.32	1313.41	1313.32	1313.41	1313.32	1313.21	1313.62	1313.44	1312.85	1313.11
G 10.0	1328.50	1328.82	1328.90	1328.94	1329.02	1329.14	1329.02	1328.94	1328.90	1328.82	1328.50	1327.97	1327.98
G 15.0	1352.28	1352.91	1353.05	1353.38	1353.93	1354.59	1353.93	1353.38	1353.05	1352.91	1352.28	1351.53	1351.64
G 20.0	1383.20	1384.18	1384.57	1385.29	1386.28	1387.34	1386.28	1385.29	1384.57	1384.18	1383.20	1382.13	1382.37
G 25.0	1419.96	1421.98	1422.34	1422.14	1423.10	1426.79	1423.10	1422.14	1422.34	1421.98	1419.96	1418.04	1418.65
G 30.0	1461.68	1462.80	1463.21	1464.07	1466.11	1470.63	1466.11	1464.07	1463.21	1462.80	1461.68	1459.93	1460.00
G 35.0	1506.83	1507.82	1508.33	1508.80	1512.22	1518.84	1512.22	1508.80	1508.33	1507.82	1506.83	1505.73	1504.94
G 40.0	1558.51	1559.30	1557.76	1558.17	1562.96	1577.10	1562.96	1558.17	1557.76	1559.30	1558.51	1554.29	1553.71
G 45.0	1611.98	1613.56	1614.28	1615.42	1619.38	1629.55	1619.38	1615.42	1614.28	1613.56	1611.98	1610.69	1613.53
G 50.0	1672.18	1676.56	1678.75	1676.42	1680.93	1701.91	1680.93	1676.42	1678.75	1676.56	1672.18	1670.75	1671.86
G 55.0	1746.34	1748.03	1749.04	1749.17	1756.51	1780.32	1756.51	1749.17	1749.04	1748.03	1746.34	1745.20	1746.34
G 60.0	1817.27	1818.49	1818.80	1820.00	1828.93	1855.18	1828.93	1820.00	1818.80	1818.49	1817.27	1815.21	1814.03
G 65.0	1913.59	1915.78	1912.55	1911.89	1929.07	1986.44	1929.07	1911.89	1912.55	1915.78	1913.59	1910.89	1909.93
G 70.0	2052.56	2044.22	2026.93	2034.82	2062.72	2098.83	2062.72	2034.82	2026.93	2044.22	2052.56	2043.64	2039.13
G 75.0	2026.49	2023.50	1995.83	1954.75	2019.17	2203.06	2019.17	1954.75	1995.83	2023.50	2026.49	2011.13	1978.58
G 80.0	1303.12	1294.99	1296.85	1296.28	1365.43	1594.80	1365.43	1296.28	1296.85	1294.99	1303.12	1337.45	1361.81
G 85.0	302.38	316.56	312.10	290.01	306.87	415.69	306.87	290.01	312.10	316.56	302.38	295.36	297.31
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	GINGER 42 NEW	Código	GINGER 42 NEW	Código	GINGER 42 NEW
Nombre	Colgante leds 16.2W 700mA	Nombre	Colgante leds 16.2W 700mA	Número	1
Familia	- MARSET	Fecha	11-02-2015	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	698.14 lm
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Valor Máximo	259.76 cd/klm	Posición	C=0.00 G=10.00	Bisimétrico
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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	1308.02	1308.02	1308.02	1308.02	1308.02	1308.02	1308.02	1308.02	1308.02	1308.02
G 5.0	1313.36	1313.15	1313.36	1313.11	1312.85	1313.44	1313.62	1313.21	1313.32	1313.41
G 10.0	1327.98	1327.67	1327.98	1327.98	1327.97	1328.50	1328.82	1328.90	1328.94	1329.02
G 15.0	1351.52	1350.70	1351.52	1351.64	1351.53	1352.28	1352.91	1353.05	1353.38	1353.93
G 20.0	1382.47	1381.74	1382.47	1382.37	1382.13	1383.20	1384.18	1384.57	1385.29	1386.28
G 25.0	1418.99	1417.78	1418.99	1418.65	1418.04	1419.96	1421.98	1422.34	1422.14	1423.10
G 30.0	1459.97	1458.87	1459.97	1460.00	1459.93	1461.68	1462.80	1463.21	1464.07	1466.11
G 35.0	1504.29	1503.62	1504.29	1504.94	1505.73	1506.83	1507.82	1508.33	1508.80	1512.22
G 40.0	1553.26	1552.30	1553.26	1553.71	1554.29	1558.51	1559.30	1557.76	1558.17	1562.96
G 45.0	1615.22	1615.47	1615.22	1613.53	1610.69	1611.98	1613.56	1614.28	1615.42	1619.38
G 50.0	1671.54	1668.66	1671.54	1671.86	1670.75	1672.18	1676.56	1678.75	1676.42	1680.93
G 55.0	1746.29	1743.92	1746.29	1746.34	1745.20	1746.34	1748.03	1749.04	1749.17	1756.51
G 60.0	1813.10	1812.00	1813.10	1814.03	1815.21	1817.27	1818.49	1818.80	1820.00	1828.93
G 65.0	1908.75	1906.41	1908.75	1909.93	1910.89	1913.59	1915.78	1912.55	1911.89	1929.07
G 70.0	2038.08	2037.01	2038.08	2039.13	2043.64	2052.56	2044.22	2026.93	2034.82	2062.72
G 75.0	1951.80	1938.45	1951.80	1978.58	2011.13	2026.49	2023.50	1995.83	1954.75	2019.17
G 80.0	1365.48	1354.12	1365.48	1361.81	1337.45	1303.12	1294.99	1296.85	1296.28	1365.43
G 85.0	286.95	246.96	286.95	297.31	295.36	302.38	316.56	312.10	290.01	306.87
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00