

Luminaria		Ensayo		Lámpara	
Código	GINGER 32 NEW	Código	GINGER 32 NEW	Código	GINGER 32 NEW
Nombre	Colgante leds 9.4W 700mA	Nombre	Colgante leds 9.4W 700mA	Número	1
Familia	- MARSET	Fecha	11-02-2015	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	350.26 lm
Valor Máximo	267.86 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	
Luminaria Redonda	Diam.	320 mm	Altura	60 mm	
Área Luminosa Redonda	Diam.	320 mm	Altura	0 mm	
Área Luminosa Horizontal	0.080425 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°	0.019457 m2	
Tipo de Simetría	Bisimétrico	Máximo Ángulo Gamma	90		
Distancia de Ensayo	6.44	Flujo de Ensayo	350.26 lm		
Operador	Asselum T2	Tensión de alimentación	230.00 V		
Temperatura	20.00 °C	Corriente de alimentación			
Humedad	42.00 %	Fotocélula	Prc		
Notas					

Lámparas de la Luminaria					
Familia	Código	Nombre	Flujo [lm]	Pot. [W]	Cant.
- MARSET	GINGER 32 NEW	Lámpara led blanco 9.4W	350.26	9.00	1
C.I.E.	40 72 95 100 100	D DIN 5040			
F UTE	1.00 G	B NBN			
		A20			
		BZ 5			

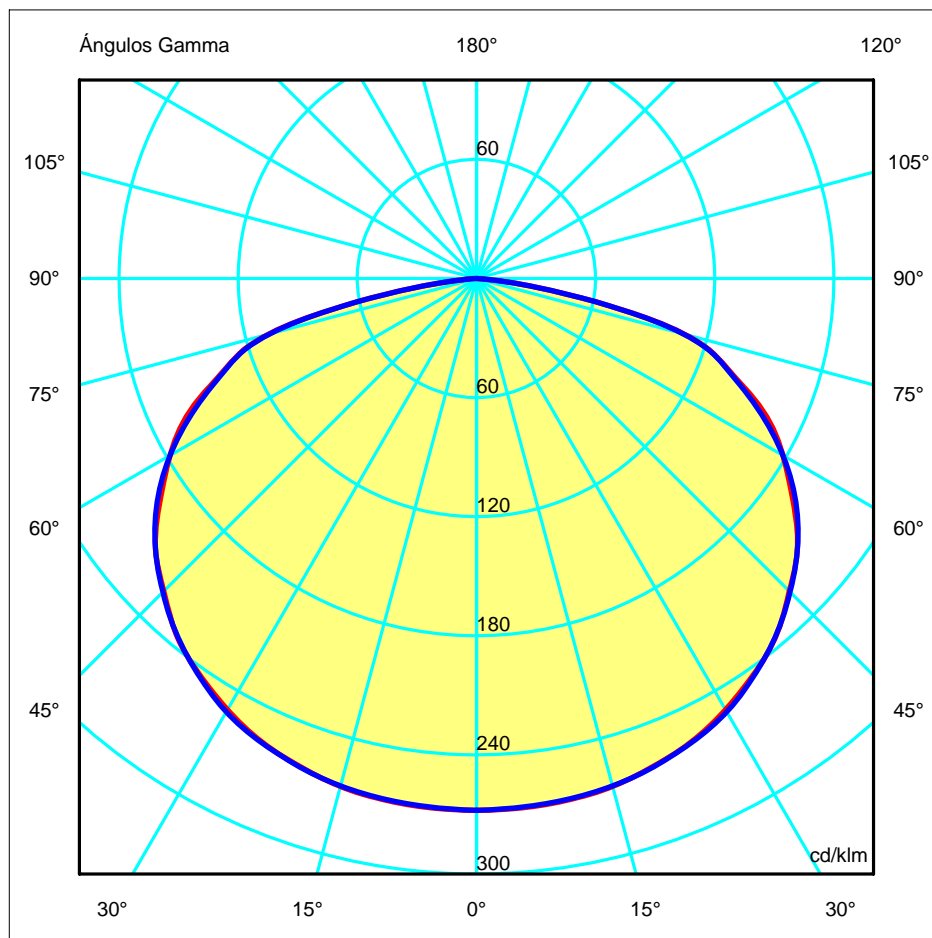
Diam=320mm



Semiplanos C

180.0 — 0.0
270.0 — 90.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



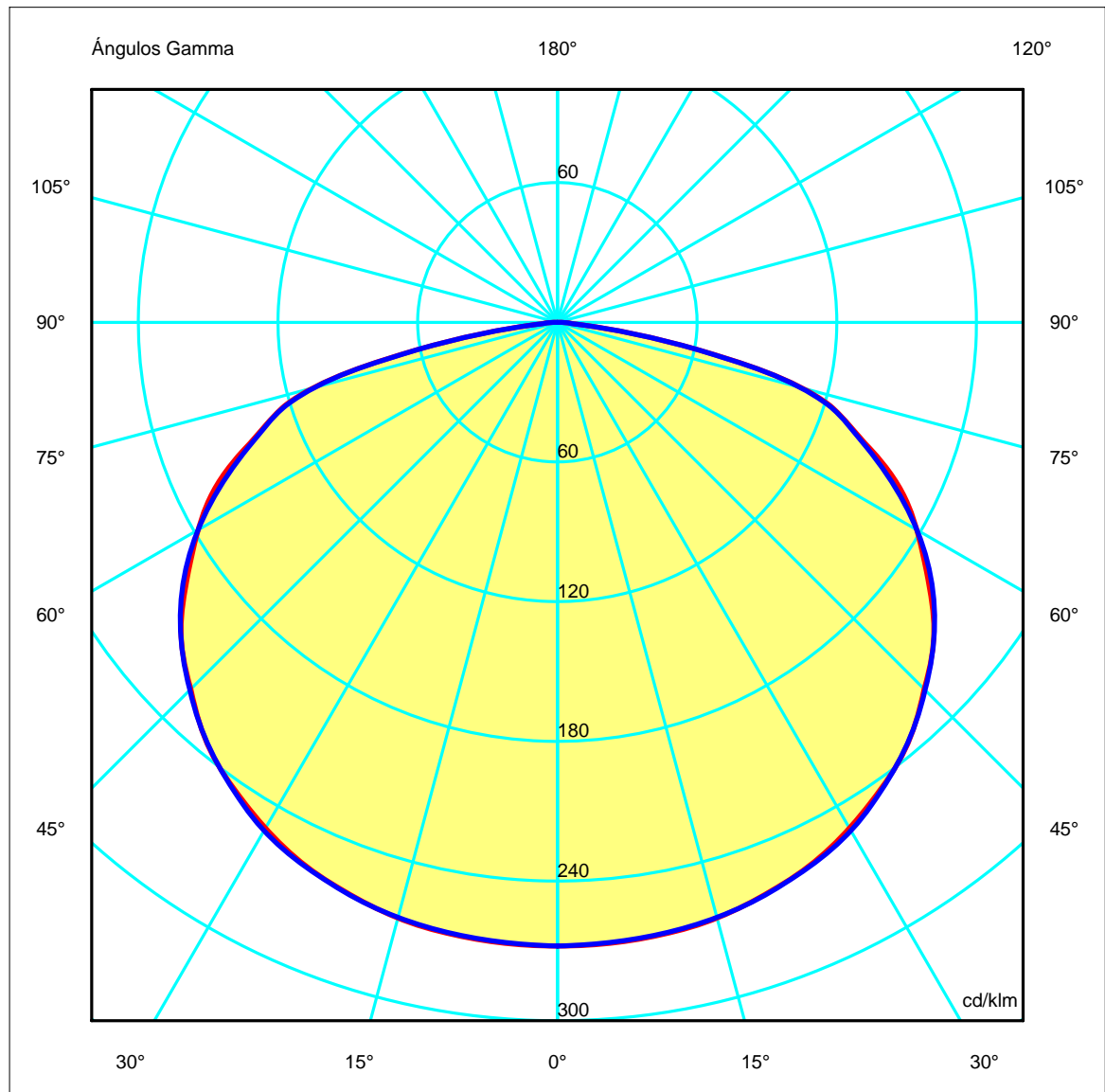
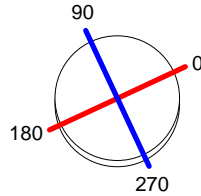
Luminaria		Ensayo		Lámpara			
Código	GINGER 32 NEW	Código	GINGER 32 NEW	Código	GINGER 32 NEW		
Nombre	Colgante leds 9.4W 700mA	Nombre	Colgante leds 9.4W 700mA	Número	1		
Familia	- MARSET	Fecha	11-02-2015	Posición	Universal		
Rendimiento	100.00%	Sist. de Coordin.	CG	Flujo Total	350.26 lm		
Valor Máximo	267.86 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	267.86	267.86	267.86	267.86	267.86	267.86	267.86
G 5.0	267.65	267.66	267.70	267.84	267.51	267.54	267.30
G 10.0	266.70	266.38	266.90	266.84	266.59	266.68	266.24
G 15.0	264.92	264.62	265.34	265.00	265.00	265.01	264.70
G 20.0	261.34	261.12	262.32	261.85	261.89	261.69	261.52
G 25.0	257.10	257.00	258.36	257.57	257.67	257.54	257.49
G 30.0	250.80	251.14	252.31	251.70	251.69	251.64	252.10
G 35.0	243.37	243.07	245.06	243.87	244.02	243.95	243.90
G 40.0	234.89	234.27	236.30	234.62	235.19	234.88	234.68
G 45.0	222.76	222.57	224.75	223.54	223.38	223.08	223.29
G 50.0	211.05	210.62	213.06	210.91	211.58	211.00	211.14
G 55.0	194.49	195.04	196.94	195.72	196.26	195.80	196.37
G 60.0	178.18	177.77	180.59	177.85	178.22	177.79	178.24
G 65.0	159.87	157.95	160.87	157.25	157.40	157.01	156.82
G 70.0	135.33	134.81	137.55	134.85	134.84	134.37	134.68
G 75.0	108.72	107.52	112.08	105.91	106.36	105.97	107.83
G 80.0	48.66	50.44	54.60	51.51	48.59	49.60	48.66
G 85.0	6.87	7.01	8.66	6.92	5.76	7.07	6.04
G 90.0	1.70	1.65	1.81	1.70	1.66	1.64	1.54

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Familia	- MARSET	Fecha	11-02-2015	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	350.26 lm
Valor Máximo	267.86 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

Diam=320mm

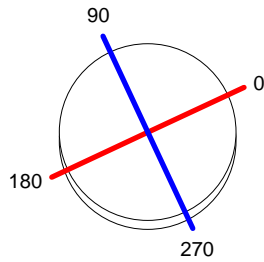
Semiplanos C

180.0 — 0.0
270.0 — 90.0



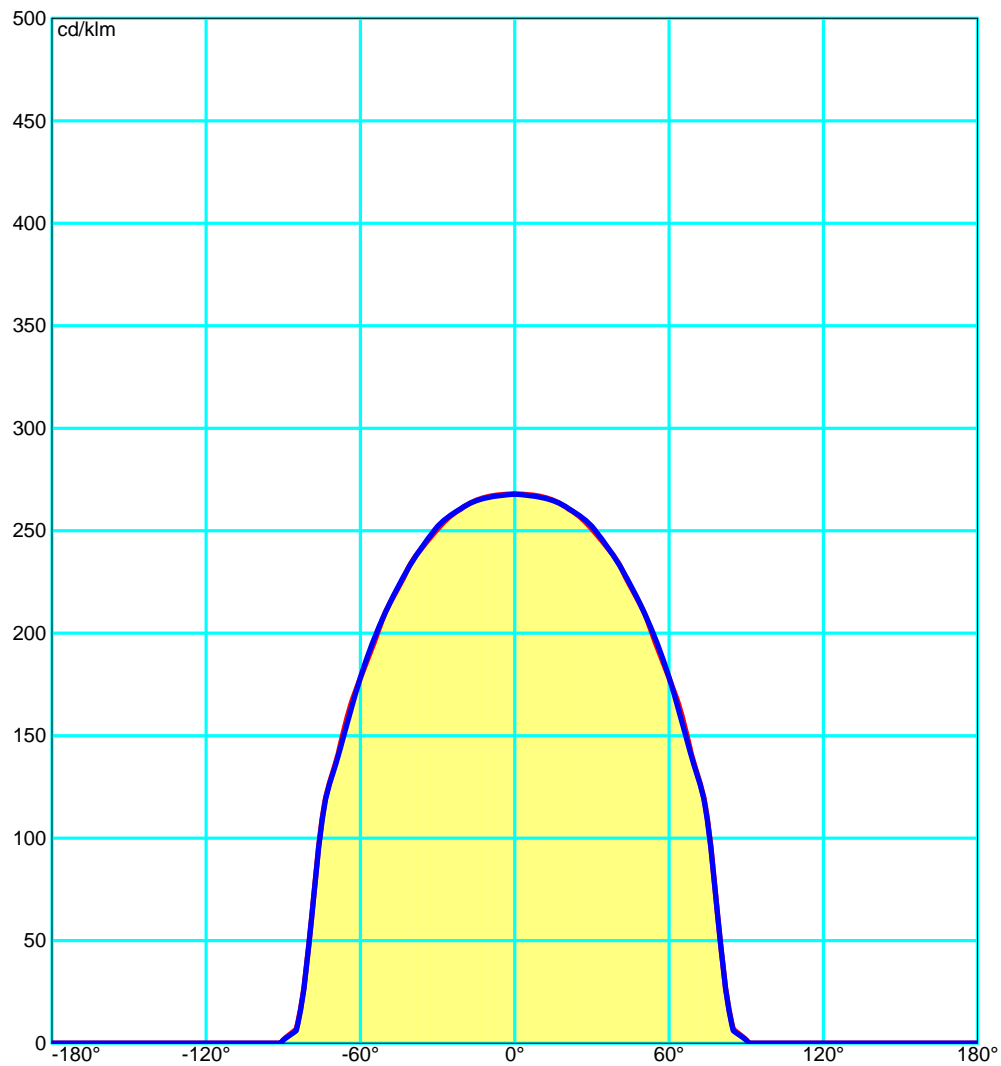
Luminaria		Ensayo		Lámpara	
Código	GINGER 32 NEW	Código	GINGER 32 NEW	Código	GINGER 32 NEW
Nombre	Colgante leds 9.4W 700mA	Nombre	Colgante leds 9.4W 700mA	Número	1
Familia	- MARSET	Fecha	11-02-2015	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	350.26 lm
Valor Máximo	267.86 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

Diam=320mm



Semiplanos C

180.0 ——— 0.0
270.0 ——— 90.0



Luminaria		Ensayo		Lámpara	
Código	GINGER 32 NEW	Código	GINGER 32 NEW	Código	GINGER 32 NEW
Nombre	Colgante leds 9.4W 700mA	Nombre	Colgante leds 9.4W 700mA	Número	1
Familia	- MARSET	Fecha	11-02-2015	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	350.26 lm
Valor Máximo	267.86 cd/klm	Posición	C=0.00 G=0.00	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										
RoomDimensions	ViewedCrosswise					ViewedEndwise				
x=2H y=2H	14.2	15.7	14.5	15.9	16.1	14.2	15.6	14.5	15.9	16.1
x=2H y=3H	16.5	17.8	16.9	18.1	18.3	16.5	17.8	16.8	18.1	18.3
x=2H y=4H	17.6	18.9	18.0	19.1	19.4	17.6	18.8	17.9	19.1	19.4
x=2H y=6H	18.2	19.4	18.6	19.7	19.9	18.2	19.3	18.5	19.6	19.9
x=2H y=8H	18.3	19.4	18.6	19.7	20.0	18.2	19.3	18.6	19.7	20.0
x=2H y=12H	18.3	19.3	18.6	19.7	20.0	18.2	19.3	18.6	19.6	20.0
x=4H y=2H	15.2	16.5	15.6	16.8	17.0	15.2	16.5	15.5	16.7	17.0
x=4H y=3H	17.7	18.8	18.1	19.1	19.4	17.7	18.7	18.0	19.1	19.4
x=4H y=4H	18.9	19.9	19.3	20.2	20.5	18.8	19.8	19.3	20.2	20.5
x=4H y=6H	19.6	20.4	20.0	20.8	21.1	19.5	20.3	19.9	20.7	21.1
x=4H y=8H	19.7	20.5	20.1	20.9	21.2	19.6	20.4	20.1	20.8	21.2
x=4H y=12H	19.7	20.4	20.2	20.8	21.2	19.6	20.3	20.1	20.7	21.2
x=8H y=4H	19.4	20.2	19.9	20.6	20.9	19.3	20.1	19.8	20.5	20.9
x=8H y=6H	20.2	20.8	20.7	21.3	21.6	20.1	20.7	20.6	21.1	21.6
x=8H y=8H	20.3	20.9	20.8	21.3	21.7	20.2	20.8	20.7	21.2	21.7
x=8H y=12H	20.3	20.8	20.8	21.3	21.7	20.2	20.7	20.7	21.2	21.7
x=12H y=4H	19.4	20.1	19.9	20.5	20.9	19.4	20.1	19.8	20.5	20.9
x=12H y=6H	20.2	20.8	20.7	21.2	21.6	20.1	20.7	20.6	21.1	21.6
x=12H y=8H	20.4	20.9	20.9	21.3	21.7	20.3	20.7	20.8	21.2	21.7

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Familia	- MARSET	Fecha	11-02-2015	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	350.26 lm
Valor Máximo	267.86 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

Flujo Total=350.26 Flujo Luminaria=350.25

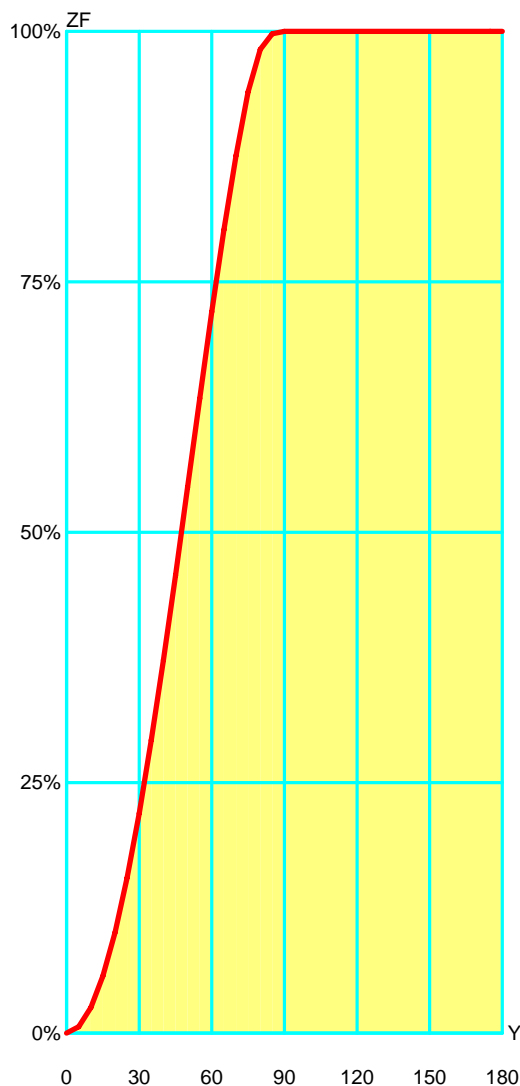
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.25	0.34	0.41	0.48	0.54	0.63	0.70	0.74	0.80	0.84	0.92	0.96
RC	6	6	6	6	6	6	6	6	6	6	5	4

Flujo Zonal por 1000 Lúmenes												
Y°	10	20	30	40	50	60	70	80	90	100	110	120
ZF(Y)	26	100	219	372	545	720	876	982	1000	1000	1000	1000

Códigos de Flujo C.I.E.
40 72 95 100 100

C.I.E.	6/6/6/6/6/6/6/6/5/4
D DIN 5040	A20
F UTE	1.00 G
B NBN	BZ 5
RN	0.00000 %
BLF	1.0

LOR	99.99828 %
ULOR	0.00000 %
DLOR	99.99828 %
UFF	0.00000 %
DFF	100.00000 %
FFR	0.00000 %



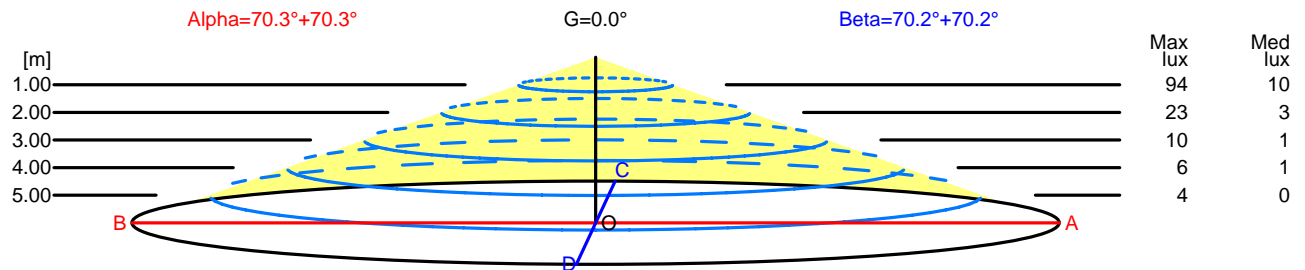
Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	6.40	6.40	0.64 %	0.64 %
10°	19.11	25.51	1.91 %	2.55 %
15°	31.53	57.05	3.15 %	5.70 %
20°	43.41	100.45	4.34 %	10.05 %
25°	54.46	154.92	5.45 %	15.49 %
30°	64.44	219.36	6.44 %	21.94 %
35°	72.98	292.34	7.30 %	29.23 %
40°	79.91	372.25	7.99 %	37.23 %
45°	84.88	457.13	8.49 %	45.71 %
50°	87.85	544.98	8.79 %	54.50 %
55°	88.55	633.53	8.85 %	63.35 %
60°	86.51	720.04	8.65 %	72.00 %
65°	81.81	801.85	8.18 %	80.19 %
70°	74.28	876.13	7.43 %	87.61 %
75°	63.50	939.63	6.35 %	93.96 %
80°	42.34	981.97	4.23 %	98.20 %
85°	15.64	997.61	1.56 %	99.76 %
90°	2.37	999.98	0.24 %	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 %

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Familia	- MARSET	Fecha	11-02-2015	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	350.26 lm
Valor Máximo	267.86 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	2.80	5.60	8.40	11.20	14.00	OC	2.78	5.55	8.33	11.11	13.88
OB	2.80	5.60	8.40	11.20	14.00	OD	2.78	5.55	8.33	11.11	13.88

				Intensidades Luminosas [cd/klm]							
	0	5	15	25	35	45	55	65	75	85	
OA	93.82	93.75	92.79	90.05	85.24	78.02	68.12	56.00	38.08	2.41	
OB	93.82	93.75	92.79	90.05	85.24	78.02	68.12	56.00	38.08	2.41	
OC	93.82	93.62	92.71	90.19	85.43	78.21	68.78	54.93	37.77	2.12	
OD	93.82	93.62	92.71	90.19	85.43	78.21	68.78	54.93	37.77	2.12	



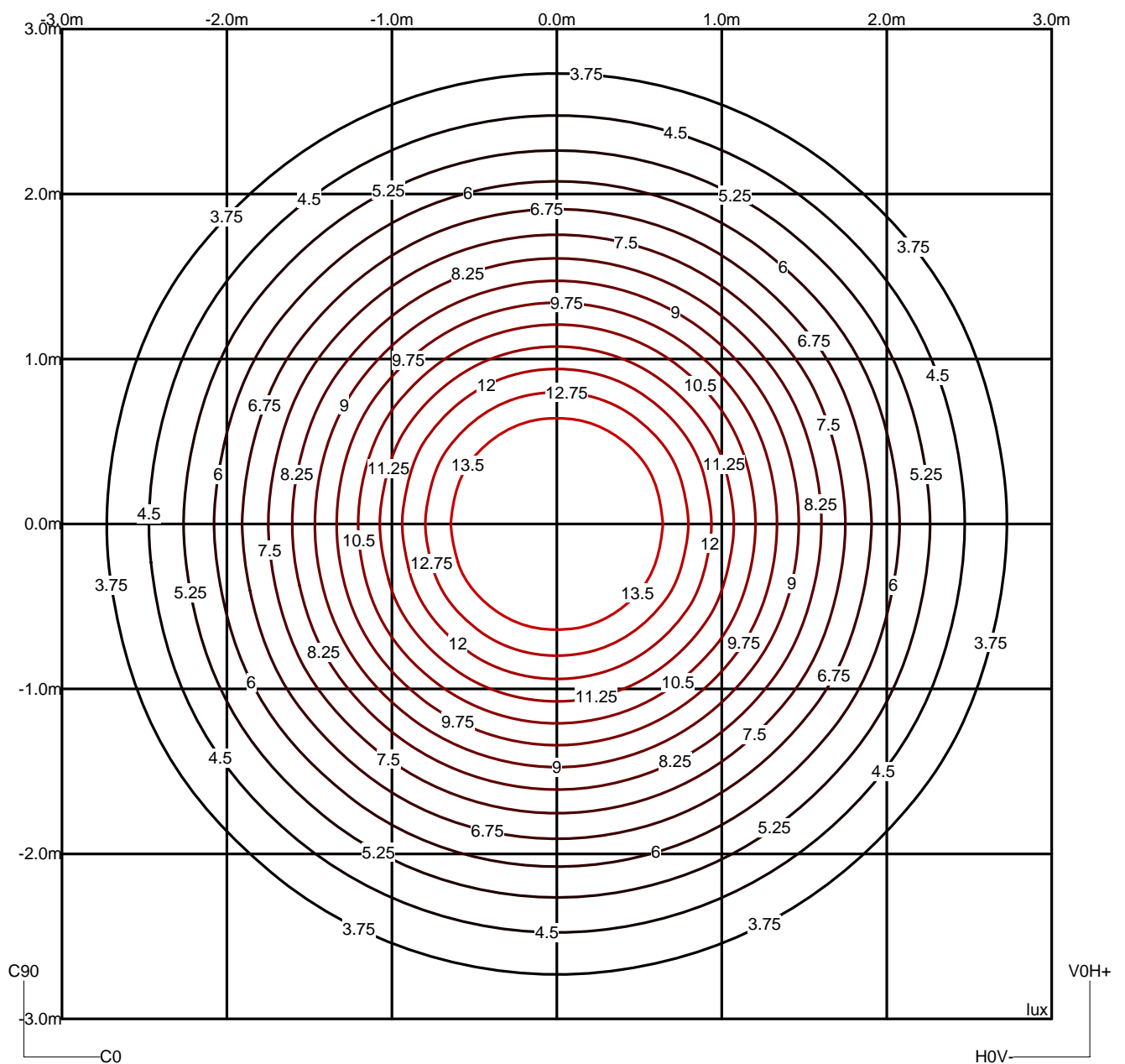
H[m]	D[m]	Max lux	Med lux	Alpha=70.3°+70.3°	G=0.0	
1.00	5.60	94	10			
2.00	11.20	23	3			
3.00	16.80	10	1			
4.00	22.39	6	1			
5.00	27.99	4	0			

H[m]	D[m]	Max lux	Med lux	Beta=70.2°+70.2°	G=0.0	
1.00	5.55	94	10			
2.00	11.11	23	3			
3.00	16.66	10	1			
4.00	22.21	6	1			
5.00	27.76	4	0			

Luminaria		Ensayo		Lámpara	
Código	GINGER 32 NEW	Código	GINGER 32 NEW	Código	GINGER 32 NEW
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Familia	- MARSET	Fecha	11-02-2015	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	350.26 lm
Valor Máximo	267.86 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	GINGER 32 NEW			Código	GINGER 32 NEW			Código	GINGER 32 NEW		
Nombre	Colgante leds 9.4W 700mA			Nombre	Colgante leds 9.4W 700mA			Número	1		
Familia	- MARSET			Fecha	11-02-2015			Posición	Universal		
Rendimiento	100.00%			Sist. de Coorden.	CG			Flujo Total	350.26 lm		
Valor Máximo	267.86 cd/klm			Posición	C=0.00 G=0.00			Bisimétrico			

Utilización CIE

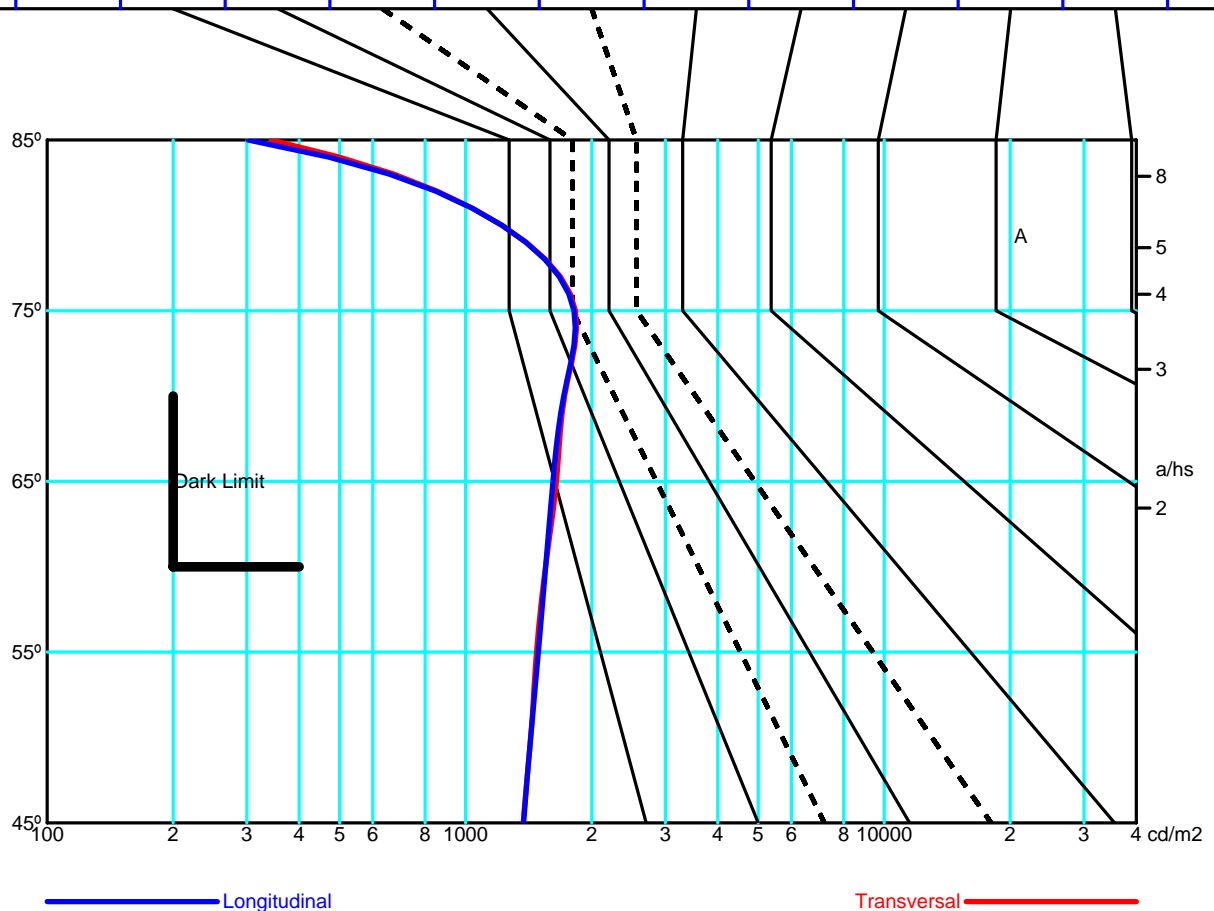
Montaje	Directo				Normalización				Normalizados				Raz. de Susp. 1/3				CIE Estándar							
Techo																								
K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000	
0.60	224	201	181	163	192	156	114	97	92	78	48	36	17	12	73	39	34	14	11	33	12	10	0	
0.80	260	239	195	180	227	172	143	125	106	93	58	46	23	17	87	49	44	19	16	42	17	15	0	
1.00	284	264	198	185	251	177	166	148	113	102	66	54	29	22	95	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	192	183	287	176	208	191	121	112	77	67	41	34	106	68	64	36	32	61	33	30	0	
2.00	334	321	180	174	307	168	236	221	121	115	83	74	50	43	109	75	71	46	41	68	42	39	0	
2.50	345	334	169	165	319	160	256	242	121	115	87	79	57	51	109	79	76	53	49	73	49	46	0	
3.00	352	342	161	158	327	153	271	259	119	115	89	83	63	57	109	83	80	59	55	77	55	51	0	
4.00	361	354	150	148	339	144	293	282	117	114	93	88	72	66	109	87	85	67	64	82	64	60	0	
5.00	367	361	143	141	346	138	307	298	116	113	96	91	77	72	109	90	88	73	70	86	70	66	0	
10.00	380	376	126	125	361	123	340	335	112	110	101	99	91	88	107	97	96	88	86	93	84	81	0	
20.00	386	385	116	116	369	114	359	356	109	108	104	103	99	97	106	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	491	479	436	428	472	423	372	364	341	335	286	281	246	244	332	282	280	245	244	279	244	244	224	
0.80	558	545	483	475	535	468	436	426	391	384	335	330	294	291	380	330	328	292	290	326	290	289	266	
1.00	604	591	511	504	579	496	483	473	424	418	370	365	329	326	412	364	362	326	325	359	324	323	296	
1.25	645	632	533	527	618	519	527	516	453	447	402	396	362	358	440	395	393	358	357	389	356	354	324	
1.50	673	662	547	541	645	533	560	549	473	468	426	420	387	383	459	418	415	383	381	411	380	377	345	
2.00	703	693	553	549	674	541	600	589	491	486	450	444	415	411	477	441	439	410	408	434	406	403	367	
2.50	720	711	553	550	690	541	625	615	499	495	463	458	432	428	485	454	452	427	424	446	422	417	378	
3.00	728	720	549	546	698	538	640	631	502	499	470	466	442	438	488	461	459	436	433	452	430	425	384	
4.00	741	734	545	543	710	535	662	654	506	504	481	477	457	453	493	470	469	450	447	461	443	437	393	
5.00	748	742	541	540	716	532	676	669	508	506	486	483	466	462	495	476	474	458	456	466	450	444	398	
10.00	746	743	516	515	714	508	692	687	495	494	483	481	472	469	482	472	471	462	460	461	452	443	393	
20.00	712	711	469	468	680	462	669	666	455	455	449	448	443	442	443	437	437	432	431	426	422	412	359	
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	556	543	519	509	535	503	413	405	398	391	327	322	275	274	387	322	320	274	273	319	273	272	254	
0.80	663	649	611	601	636	592	513	502	489	482	415	409	360	357	475	409	406	358	356	404	356	355	335	
1.00	749	733	682	672	717	662	596	584	564	556	491	484	435	431	547	483	480	431	429	476	429	427	407	
1.25	830	815	748	739	795	727	680	667	637	629	567	559	511	507	618	557	554	507	504	549	503	500	481	
1.50	893	878	797	789	855	776	746	733	693	686	627	619	573	567	673	615	612	567	564	606	562	559	540	
2.00	984	971	867	861	943	847	848	834	778	771	720	712	671	664	756	706	703	663	659	694	656	651	633	
2.50	1000	1000	911	906	1000	892	918	904	833	827	782	775	738	732	810	767	764	729	725	754	720	713	697	
3.00	1000	1000	941	937	1000	923	969	956	872	867	827	820	788	781	849	811	808	777	773	797	767	759	744	
4.00	1000	1000	979	975	1000	962	1000	1000	922	917	885	879	853	846	898	868	865	839	836	852	828	817	803	
5.00	1000	1000	1000	998	1000	985	1000	1000	952	948	922	916	894	888	929	903	901	879	876	886	866	854	841	
10.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	999	996	983	979	992	978	977	965	963	960	948	933	921	
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: 1.387 SHR C90-C270: 1.400 SHR Superficial: 1.549

Luminaria		Ensayo		Lámpara	
Código	GINGER 32 NEW	Código	GINGER 32 NEW	Código	GINGER 32 NEW
Nombre	Colgante leds 9.4W 700mA	Nombre	Colgante leds 9.4W 700mA	Número	1
Familia	- MARSET	Fecha	11-02-2015	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	350.26 lm
Valor Máximo	267.86 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

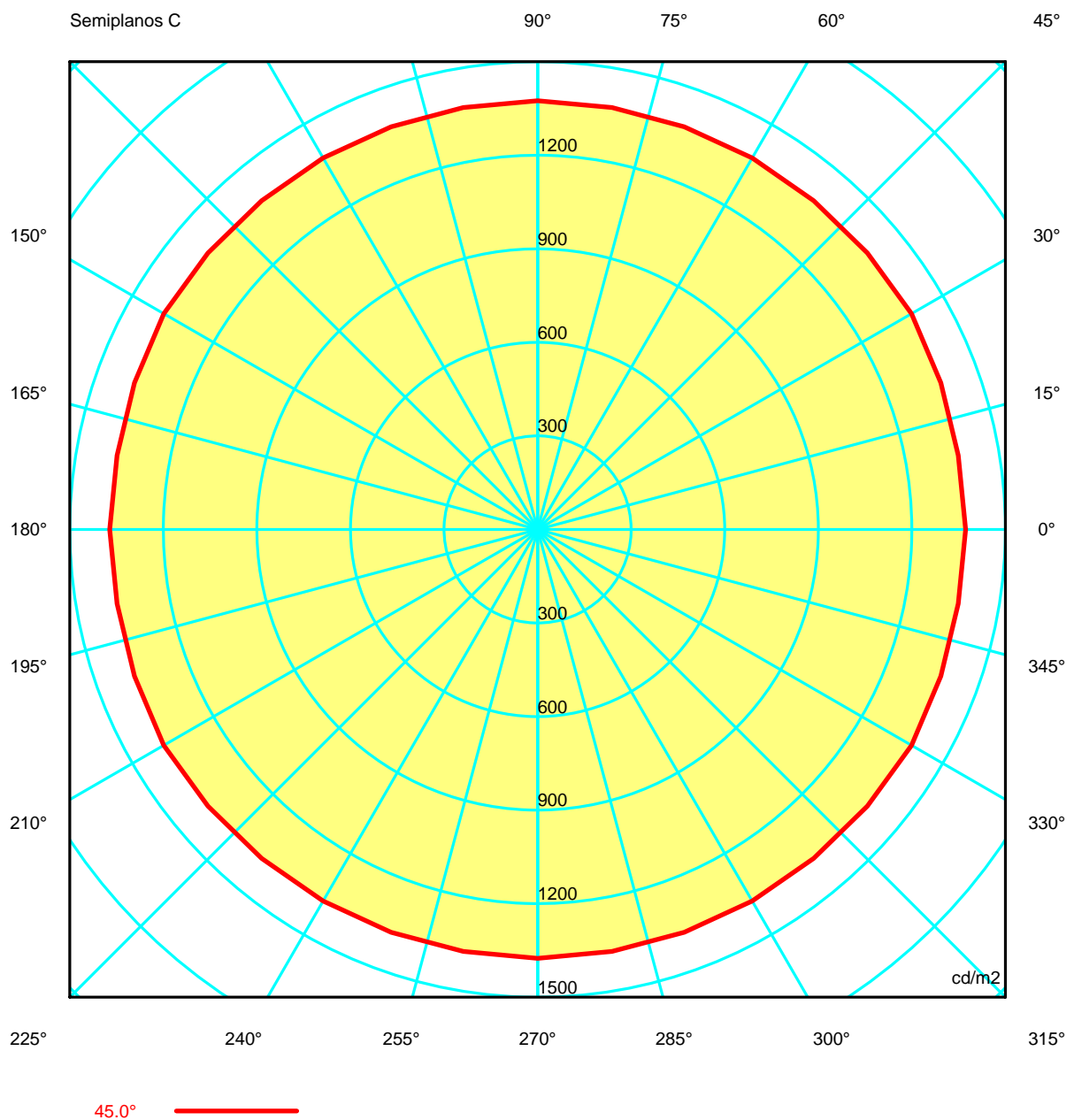
Luminancia Media [cd/m²]										
0.0°	45°	50°	55°	60°	65°	70°	75°	80°	85°	
90.0°	1372	1430	1477	1552	1647	1723	1829	1220	343	---
	1375	1431	1491	1553	1616	1715	1814	1220	302	---

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 32 NEW	Código	GINGER 32 NEW	Código	GINGER 32 NEW
Nombre	Colgante leds 9.4W 700mA	Nombre	Colgante leds 9.4W 700mA	Número	1
Familia	- MARSET	Fecha	11-02-2015	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	350.26 lm
Valor Máximo	267.86 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

Luminancia



Luminaria				Ensayo				Lámpara			
Código	GINGER 32 NEW			Código	GINGER 32 NEW			Código	GINGER 32 NEW		
Nombre	Colgante leds 9.4W 700mA			Nombre	Colgante leds 9.4W 700mA			Número	1		
Familia	- MARSET			Fecha	11-02-2015			Posición	Universal		

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	350.26 lm
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Valor Máximo	267.86 cd/klm	Posición	C=0.00 G=0.00	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	1166.56	1166.56	1166.56	1166.56	1166.56	1166.56	1166.56	1166.56	1166.56	1166.56	1166.56	1166.56	1166.56
G 5.0	1170.12	1170.12	1170.19	1170.31	1170.92	1170.52	1169.48	1169.53	1169.44	1168.57	1169.44	1169.53	1169.48
G 10.0	1179.45	1178.05	1178.61	1180.33	1180.47	1179.55	1178.92	1179.29	1178.97	1177.40	1178.97	1179.29	1178.92
G 15.0	1194.44	1192.97	1194.15	1196.37	1195.33	1194.81	1194.82	1195.00	1194.51	1193.45	1194.51	1195.00	1194.82
G 20.0	1211.19	1209.65	1212.02	1215.74	1214.31	1213.65	1213.77	1213.27	1212.49	1212.05	1212.49	1213.27	1213.77
G 25.0	1235.46	1234.14	1237.28	1241.50	1239.28	1237.89	1238.21	1237.93	1237.49	1237.35	1237.49	1237.93	1238.21
G 30.0	1261.23	1262.37	1265.15	1268.82	1266.78	1265.74	1265.70	1265.43	1265.91	1267.75	1265.91	1265.43	1265.70
G 35.0	1293.91	1291.14	1296.00	1302.88	1299.18	1296.84	1297.39	1297.13	1296.91	1296.73	1296.91	1297.13	1297.39
G 40.0	1335.41	1330.88	1335.99	1343.42	1337.26	1334.94	1337.12	1336.49	1334.63	1334.20	1334.63	1336.49	1337.12
G 45.0	1372.00	1369.19	1375.51	1384.26	1380.09	1376.48	1375.83	1374.60	1373.96	1375.23	1373.96	1374.60	1375.83
G 50.0	1429.97	1425.11	1433.19	1443.56	1434.05	1430.48	1433.50	1430.90	1429.01	1430.55	1429.01	1430.90	1433.50
G 55.0	1476.72	1479.54	1486.59	1495.35	1489.32	1486.27	1490.16	1488.00	1487.01	1490.99	1487.01	1488.00	1490.16
G 60.0	1551.95	1545.30	1557.71	1573.00	1557.76	1550.22	1552.37	1550.34	1548.69	1552.55	1548.69	1550.34	1552.37
G 65.0	1647.50	1627.23	1638.36	1657.76	1634.05	1620.99	1621.98	1620.40	1617.32	1616.04	1617.32	1620.40	1621.98
G 70.0	1723.19	1712.53	1729.56	1751.44	1729.95	1717.02	1716.95	1713.41	1710.76	1714.93	1710.76	1713.41	1716.95
G 75.0	1829.39	1800.69	1839.68	1886.00	1818.47	1784.65	1789.68	1785.37	1788.33	1814.48	1788.33	1785.37	1789.68
G 80.0	1220.28	1239.60	1305.40	1369.26	1330.92	1256.50	1218.75	1234.47	1243.15	1220.45	1243.15	1234.47	1218.75
G 85.0	343.22	348.09	381.78	432.69	386.47	311.43	288.07	334.53	350.23	301.80	350.23	334.53	288.07
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 32 NEW			Código	GINGER 32 NEW			Código	GINGER 32 NEW		
Nombre	Colgante leds 9.4W 700mA			Nombre	Colgante leds 9.4W 700mA			Número	1		
Familia	- MARSET			Fecha	11-02-2015			Posición	Universal		

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	350.26 lm
Valor Máximo	267.86 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	1166.56	1166.56	1166.56	1166.56	1166.56	1166.56	1166.56	1166.56	1166.56	1166.56	1166.56	1166.56	1166.56
G 5.0	1170.52	1170.92	1170.31	1170.19	1170.12	1170.12	1170.12	1170.19	1170.31	1170.92	1170.52	1169.48	1169.53
G 10.0	1179.55	1180.47	1180.33	1178.61	1178.05	1179.45	1178.05	1178.61	1180.33	1180.47	1179.55	1178.92	1179.29
G 15.0	1194.81	1195.33	1196.37	1194.15	1192.97	1194.44	1192.97	1194.15	1196.37	1195.33	1194.81	1194.82	1195.00
G 20.0	1213.65	1214.31	1215.74	1212.02	1209.65	1211.19	1209.65	1212.02	1215.74	1214.31	1213.65	1213.77	1213.27
G 25.0	1237.89	1239.28	1241.50	1237.28	1234.14	1235.46	1234.14	1237.28	1241.50	1239.28	1237.89	1238.21	1237.93
G 30.0	1265.74	1266.78	1268.82	1265.15	1262.37	1261.23	1262.37	1265.15	1268.82	1266.78	1265.74	1265.70	1265.43
G 35.0	1296.84	1299.18	1302.88	1296.00	1291.14	1293.91	1291.14	1296.00	1302.88	1299.18	1296.84	1297.39	1297.13
G 40.0	1334.94	1337.26	1343.42	1335.99	1330.88	1335.41	1330.88	1335.99	1343.42	1337.26	1334.94	1337.12	1336.49
G 45.0	1376.48	1380.09	1384.26	1375.51	1369.19	1372.00	1369.19	1375.51	1384.26	1380.09	1376.48	1375.83	1374.60
G 50.0	1430.48	1434.05	1443.56	1433.19	1425.11	1429.97	1425.11	1433.19	1443.56	1434.05	1430.48	1433.50	1430.90
G 55.0	1486.27	1489.32	1495.35	1486.59	1479.54	1476.72	1479.54	1486.59	1495.35	1489.32	1486.27	1490.16	1488.00
G 60.0	1550.22	1557.76	1573.00	1557.71	1545.30	1551.95	1545.30	1557.71	1573.00	1557.76	1550.22	1552.37	1550.34
G 65.0	1620.99	1634.05	1657.76	1638.36	1627.23	1647.50	1627.23	1638.36	1657.76	1634.05	1620.99	1621.98	1620.40
G 70.0	1717.02	1729.95	1751.44	1729.56	1712.53	1723.19	1712.53	1729.56	1751.44	1729.95	1717.02	1716.95	1713.41
G 75.0	1784.65	1818.47	1886.00	1839.68	1800.69	1829.39	1800.69	1839.68	1886.00	1818.47	1784.65	1789.68	1785.37
G 80.0	1256.50	1330.92	1369.26	1305.40	1239.60	1220.28	1239.60	1305.40	1369.26	1330.92	1256.50	1218.75	1234.47
G 85.0	311.43	386.47	432.69	381.78	348.09	343.22	348.09	381.78	432.69	386.47	311.43	288.07	334.53
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 32 NEW	Código	GINGER 32 NEW	Código	GINGER 32 NEW
Nombre	Colgante leds 9.4W 700mA	Nombre	Colgante leds 9.4W 700mA	Número	1
Familia	- MARSET	Fecha	11-02-2015	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	350.26 lm
Valor Máximo	267.86 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	1166.56	1166.56	1166.56	1166.56	1166.56	1166.56	1166.56	1166.56	1166.56	1166.56
	G 5.0	1169.44	1168.57	1169.44	1169.53	1169.48	1170.52	1170.92	1170.31	1170.19	1170.12
	G 10.0	1178.97	1177.40	1178.97	1179.29	1178.92	1179.55	1180.47	1180.33	1178.61	1178.05
	G 15.0	1194.51	1193.45	1194.51	1195.00	1194.82	1194.81	1195.33	1196.37	1194.15	1192.97
	G 20.0	1212.49	1212.05	1212.49	1213.27	1213.77	1213.65	1214.31	1215.74	1212.02	1209.65
	G 25.0	1237.49	1237.35	1237.49	1237.93	1238.21	1237.89	1239.28	1241.50	1237.28	1234.14
	G 30.0	1265.91	1267.75	1265.91	1265.43	1265.70	1265.74	1266.78	1268.82	1265.15	1262.37
	G 35.0	1296.91	1296.73	1296.91	1297.13	1297.39	1296.84	1299.18	1302.88	1296.00	1291.14
	G 40.0	1334.63	1334.20	1334.63	1336.49	1337.12	1334.94	1337.26	1343.42	1335.99	1330.88
	G 45.0	1373.96	1375.23	1373.96	1374.60	1375.83	1376.48	1380.09	1384.26	1375.51	1369.19
	G 50.0	1429.01	1430.55	1429.01	1430.90	1433.50	1430.48	1434.05	1443.56	1433.19	1425.11
	G 55.0	1487.01	1490.99	1487.01	1488.00	1490.16	1486.27	1489.32	1495.35	1486.59	1479.54
	G 60.0	1548.69	1552.55	1548.69	1550.34	1552.37	1550.22	1557.76	1573.00	1557.71	1545.30
	G 65.0	1617.32	1616.04	1617.32	1620.40	1621.98	1620.99	1634.05	1657.76	1638.36	1627.23
	G 70.0	1710.76	1714.93	1710.76	1713.41	1716.95	1717.02	1729.95	1751.44	1729.56	1712.53
	G 75.0	1788.33	1814.48	1788.33	1785.37	1789.68	1784.65	1818.47	1886.00	1839.68	1800.69
	G 80.0	1243.15	1220.45	1243.15	1234.47	1218.75	1256.50	1330.92	1369.26	1305.40	1239.60
	G 85.0	350.23	301.80	350.23	334.53	288.07	311.43	386.47	432.69	381.78	348.09
	G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00