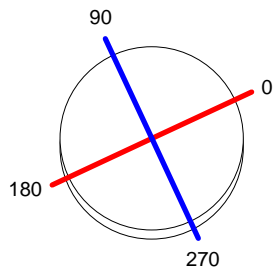


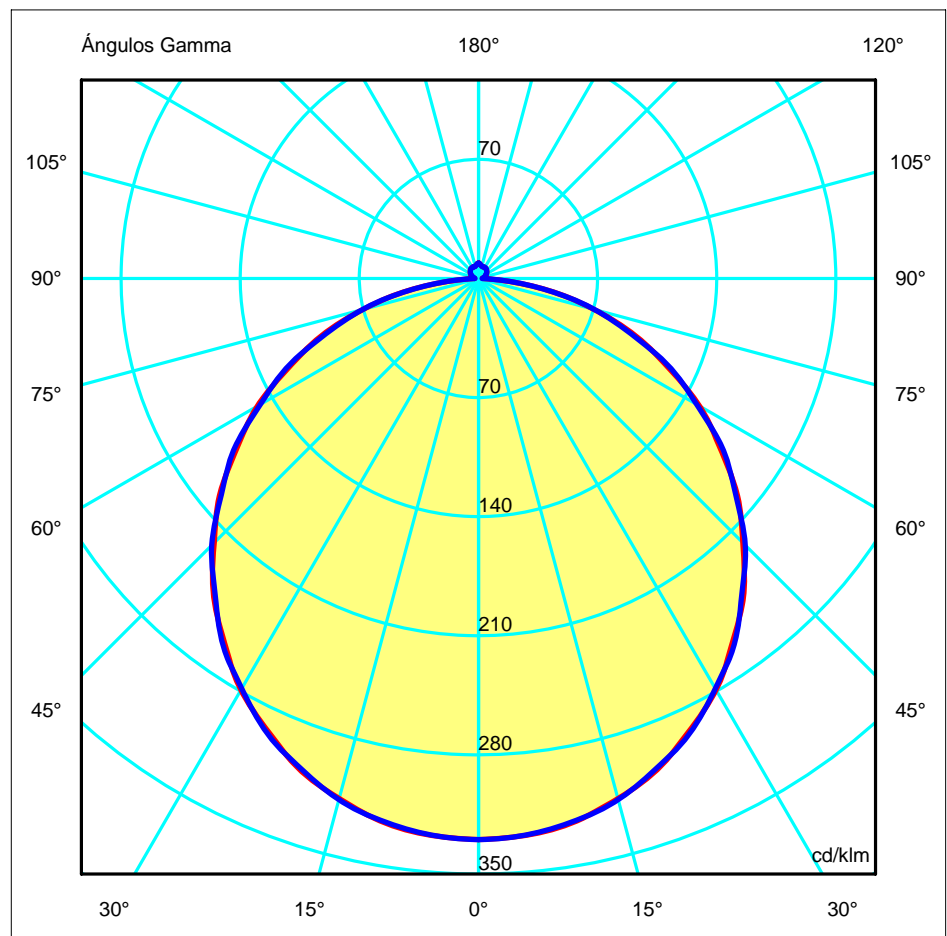
Luminaria		Ensayo		Lámpara	
Código	33102208xx+P787	Código	33102208xx+P787	Código	33102208xx+P787
Nombre	MARIETTA 90 LED 28W C. ROJA	Nombre	MARIETTA 90 LED 28W C. ROJA	Número	1
Familia	- BOVER	Fecha	21-05-2015	Posición	Universal
Rendimiento	100.00%	Sist. de Coordin.	CG	Flujo Total	800.06 lm
Valor Máximo	329.76 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	
Luminaria Redonda	Diam. 900 mm	Altura	300 mm		
Área Luminosa Redonda	Diam. 900 mm	Altura	160 mm		
Área Luminosa Horizontal	0.636173 m ²	Área Emisión sobre Pl. 180°	0.144000 m ²		
Área Emisión sobre Pl. 0°	0.144000 m ²	Área Emisión sobre Pl. 270°	0.144000 m ²		
Área Emisión sobre Pl. 90°	0.144000 m ²	Área de deslumbramiento a 76°	0.293627 m ²		
Tipo de Simetría	Bisimétrico	Máximo Ángulo Gamma	180		
Distancia de Ensayo	6.44	Flujo de Ensayo	800.06 lm		
Operador	Asselum T2	Tensión de alimentación			
Temperatura	21.00 °C	Corriente de alimentación			
Humedad	50.00 %	Fotocélula		Prc	
Notas					

Familia		Lámparas de la Luminaria			Flujo [lm]	Pot. [W]	Cant.
- BOVER		Código	Nombre		800.06	28.00	1
		33102208xx+P787	Lámpara led blanca 28W				
C.I.E.	46 77 95 97 100		D DIN 5040	A31			
F UTE	0.97 E + 0.03 T		B NBN	BZ 5			

Diam=900mm



ULOR	3.28 %
DLOR	96.72 %
RN	3.28 %



Luminaria		Ensayo		Lámpara	
Código	33102208xx+P787	Código	33102208xx+P787	Código	33102208xx+P787
Nombre	MARIETTA 90 LED 28W C. ROJA	Nombre	MARIETTA 90 LED 28W C. ROJA	Número	1
Familia	- BOVER	Fecha	21-05-2015	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	800.06 lm
Valor Máximo	329.76 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

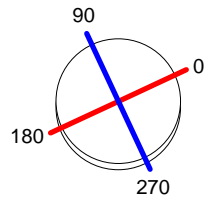
Tabla de Intensidad Luminosa cd/klm Tabla 1/1

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	329.76	329.76	329.76	329.76	329.76	329.76	329.76
G 5.0	328.33	328.25	328.47	328.15	328.31	328.27	328.18
G 10.0	324.36	323.71	324.47	323.75	323.75	323.79	323.76
G 15.0	316.34	316.25	317.04	316.19	316.73	316.43	317.14
G 20.0	307.22	306.45	307.59	306.12	306.20	306.04	306.16
G 25.0	293.15	293.22	294.44	293.24	294.22	294.61	294.51
G 30.0	279.28	279.39	280.10	277.95	278.02	278.11	278.22
G 35.0	260.43	260.41	263.13	260.99	261.74	262.17	262.14
G 40.0	242.49	242.64	243.60	241.05	240.98	241.00	240.91
G 45.0	219.60	219.54	223.12	221.68	221.73	221.50	221.70
G 50.0	198.74	198.87	200.81	197.60	197.14	196.87	197.18
G 55.0	173.08	172.74	177.26	175.21	175.08	175.38	175.49
G 60.0	150.17	150.25	152.31	149.97	148.33	149.25	148.03
G 65.0	122.40	124.00	126.82	124.83	124.73	124.97	124.56
G 70.0	98.25	98.20	100.47	98.41	97.17	97.30	95.64
G 75.0	70.37	70.93	74.23	71.22	70.89	71.07	70.87
G 80.0	43.92	44.22	46.16	44.13	43.07	44.30	42.98
G 85.0	16.13	17.59	20.39	17.49	17.03	17.75	16.93
G 90.0	2.27	2.12	2.29	2.47	2.21	2.23	2.09
G 95.0	2.51	2.56	2.49	2.54	2.52	2.52	2.51
G100.0	3.12	3.11	3.05	3.08	3.05	3.07	3.00
G105.0	3.66	3.68	3.63	3.69	3.65	3.68	3.65
G110.0	4.33	4.33	4.28	4.29	4.20	4.26	4.04
G115.0	4.86	4.87	4.86	4.80	4.82	4.85	4.67
G120.0	5.44	5.42	5.35	5.26	5.29	5.26	5.21
G125.0	5.92	5.87	5.76	5.78	5.74	5.80	5.81
G130.0	6.40	6.34	6.18	6.16	6.14	6.25	6.24
G135.0	6.77	6.75	6.65	6.63	6.65	6.73	6.72
G140.0	7.17	7.17	7.07	7.05	7.05	7.11	7.08
G145.0	7.39	7.39	7.37	7.37	7.38	7.40	7.37
G150.0	7.49	7.50	7.49	7.52	7.51	7.51	7.48
G155.0	7.50	7.49	7.47	7.50	7.49	7.49	7.46
G160.0	7.42	7.46	7.39	7.40	7.40	7.43	7.38
G165.0	7.50	7.55	7.43	7.41	7.45	7.48	7.43
G170.0	8.03	8.02	7.85	7.86	7.91	7.94	7.93
G175.0	8.80	8.68	8.61	8.48	8.67	8.60	8.70
G180.0	9.15	9.06	9.00	8.87	8.95	8.98	9.04

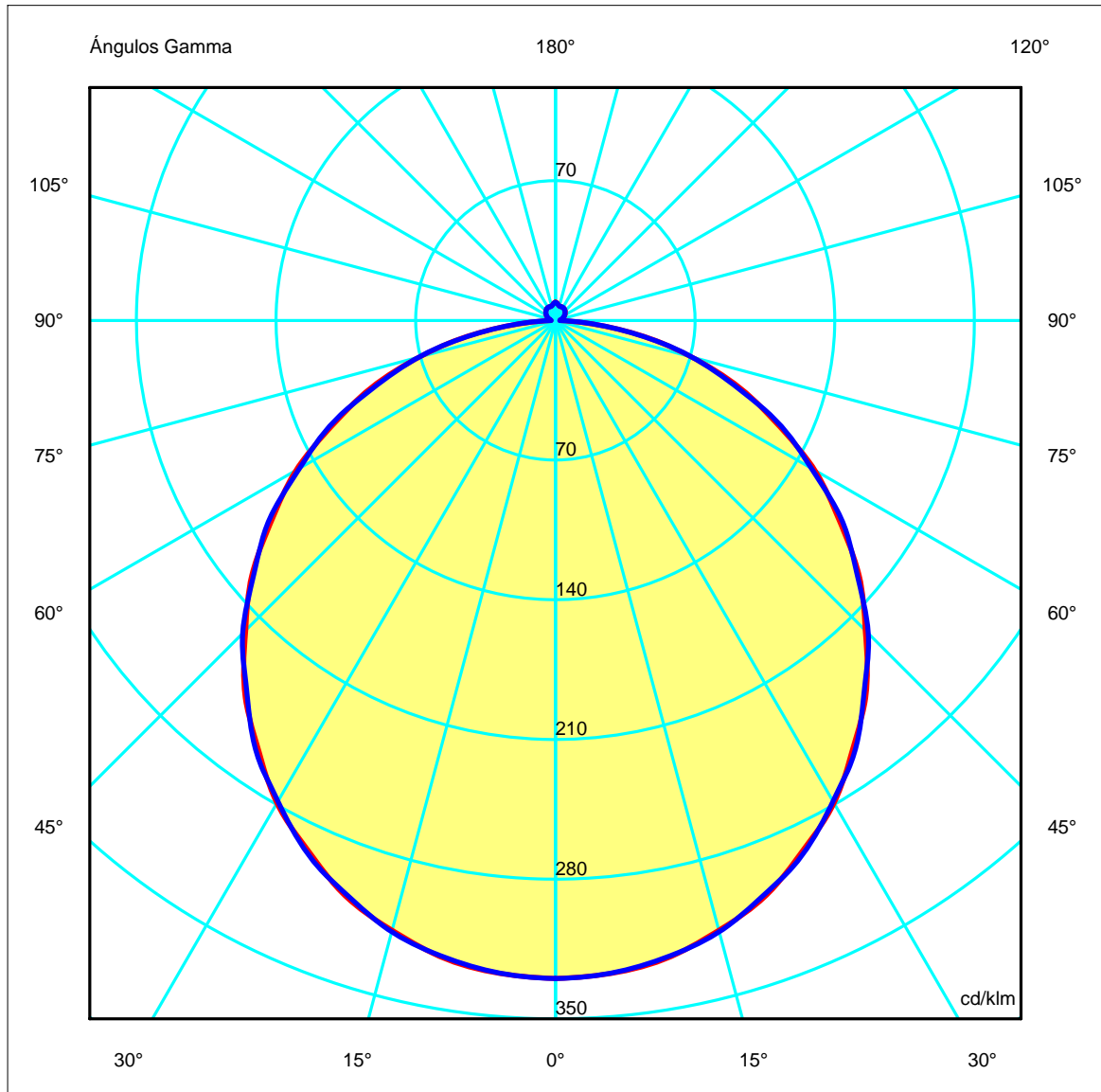
Luminaria		Ensayo		Lámpara	
Código	33102208xx+P787	Código	33102208xx+P787	Código	33102208xx+P787
Nombre	MARIETTA 90 LED 28W C. ROJA	Nombre	MARIETTA 90 LED 28W C. ROJA	Número	1
Familia	- BOVER	Fecha	21-05-2015	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	800.06 lm
Valor Máximo	329.76 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

Diam=900mm

Semiplanos C

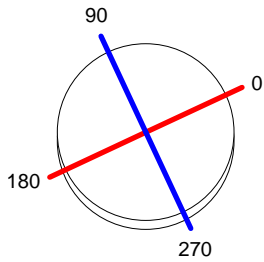


180.0 ——— 0.0
270.0 ——— 90.0

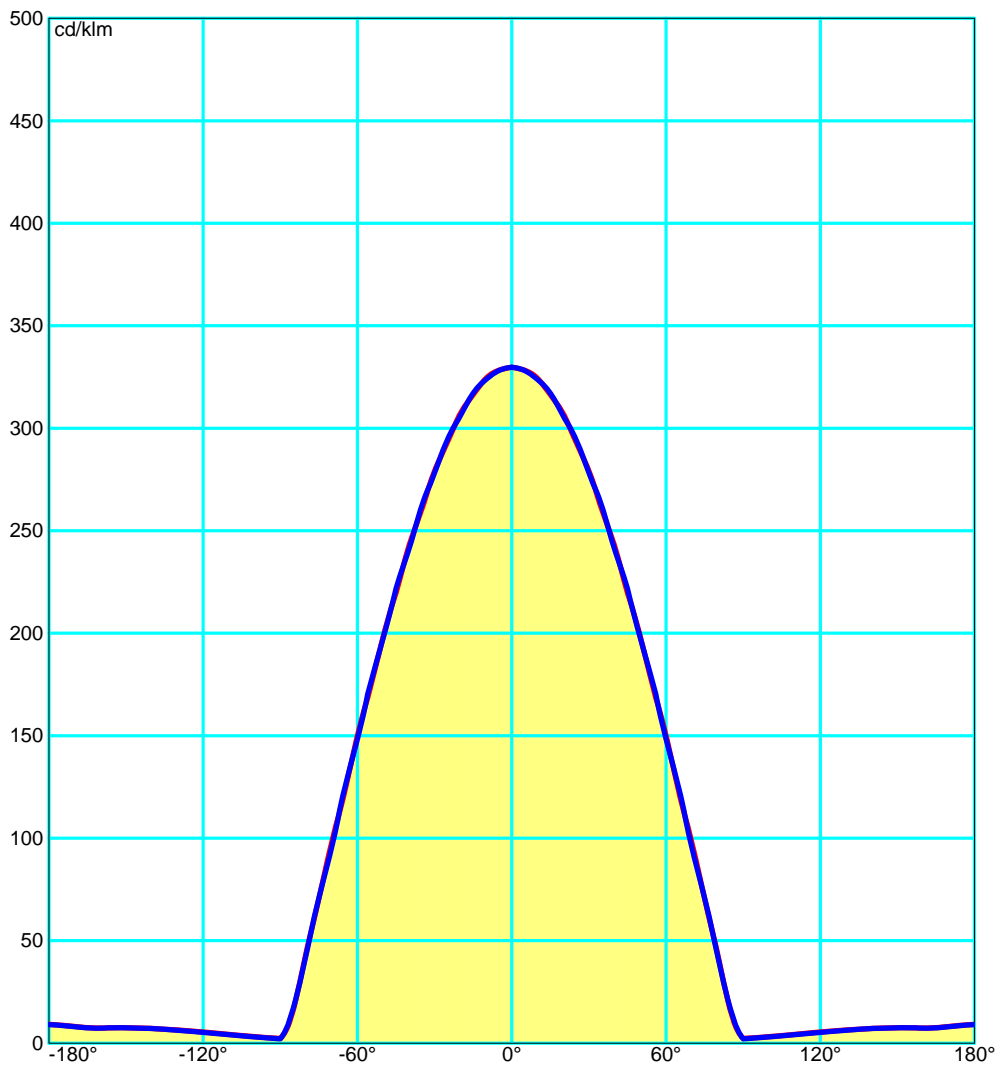
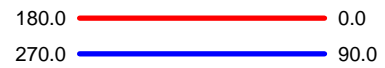


Luminaria		Ensayo		Lámpara	
Código	33102208xx+P787	Código	33102208xx+P787	Código	33102208xx+P787
Nombre	MARIETTA 90 LED 28W C. ROJA	Nombre	MARIETTA 90 LED 28W C. ROJA	Número	1
Familia	- BOVER	Fecha	21-05-2015	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	800.06 lm
Valor Máximo	329.76 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

Diam=900mm



Semiplanos C



Luminaria Código 33102208xx+P787 Nombre MARIETTA 90 LED 28W C. ROJA Familia - BOVER		Ensayo Código 33102208xx+P787 Nombre MARIETTA 90 LED 28W C. ROJA Fecha 21-05-2015		Lámpara Código 33102208xx+P787 Número 1 Posición Universal	
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	800.06 lm
Valor Máximo	329.76 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	ViewedCrosswise					ViewedEndwise				
x=2H y=2H	8.0	9.3	8.3	9.6	9.8	7.9	9.3	8.3	9.5	9.8
x=2H y=3H	9.5	10.7	9.9	11.0	11.3	9.5	10.6	9.8	11.0	11.3
x=2H y=4H	10.1	11.2	10.5	11.5	11.9	10.0	11.1	10.4	11.5	11.9
x=2H y=6H	10.5	11.5	10.9	11.9	12.2	10.5	11.5	10.9	11.9	12.2
x=2H y=8H	10.6	11.6	11.0	11.9	12.3	10.5	11.5	11.0	11.9	12.3
x=2H y=12H	10.6	11.5	11.0	11.9	12.3	10.6	11.5	11.0	11.9	12.3
x=4H y=2H	8.7	9.8	9.1	10.2	10.5	8.7	9.8	9.1	10.1	10.5
x=4H y=3H	10.4	11.4	10.8	11.8	12.1	10.4	11.3	10.8	11.7	12.1
x=4H y=4H	11.1	12.0	11.6	12.4	12.8	11.1	11.9	11.5	12.3	12.8
x=4H y=6H	11.6	12.4	12.1	12.8	13.2	11.6	12.3	12.0	12.7	13.2
x=4H y=8H	11.8	12.4	12.2	12.9	13.3	11.7	12.4	12.2	12.8	13.3
x=4H y=12H	11.8	12.4	12.3	12.9	13.3	11.8	12.4	12.3	12.8	13.3
x=8H y=4H	11.4	12.1	11.9	12.6	13.0	11.4	12.1	11.9	12.5	13.0
x=8H y=6H	12.0	12.6	12.6	13.1	13.6	12.0	12.5	12.5	13.0	13.6
x=8H y=8H	12.3	12.7	12.8	13.2	13.7	12.2	12.7	12.7	13.2	13.7
x=8H y=12H	12.4	12.8	12.9	13.3	13.8	12.3	12.7	12.8	13.2	13.8
x=12H y=4H	11.4	12.1	11.9	12.5	13.0	11.4	12.0	11.9	12.5	13.0
x=12H y=6H	12.1	12.6	12.6	13.1	13.6	12.0	12.5	12.6	13.0	13.6
x=12H y=8H	12.3	12.7	12.9	13.3	13.8	12.3	12.7	12.8	13.2	13.8

Luminaria		Ensayo		Lámpara	
Código	33102208xx+P787	Código	33102208xx+P787	Código	33102208xx+P787
Nombre	MARIETTA 90 LED 28W C. ROJA	Nombre	MARIETTA 90 LED 28W C. ROJA	Número	1
Familia	- BOVER	Fecha	21-05-2015	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	800.06 lm
Valor Máximo	329.76 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

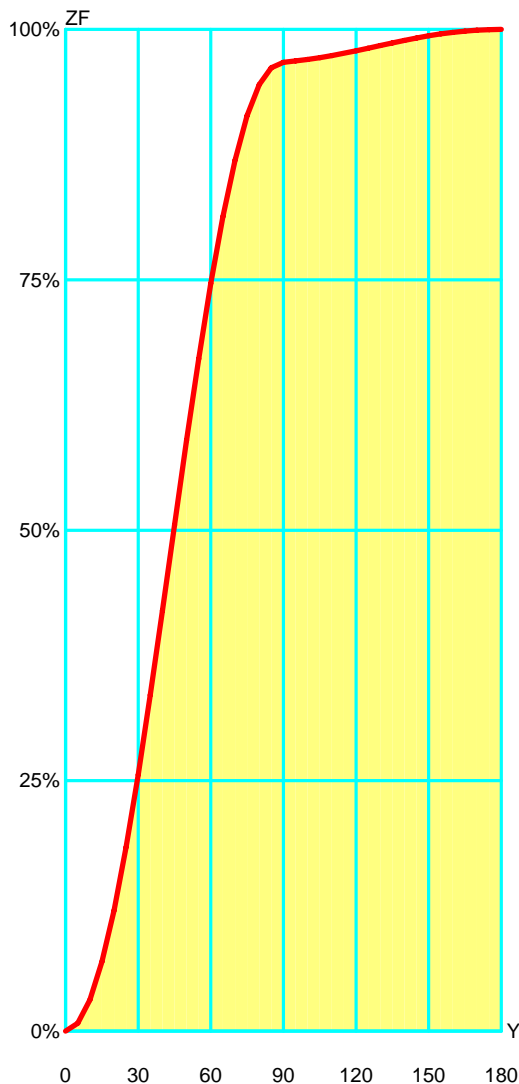
Flujo Total=800.06 Flujo Luminaria=800.06

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	0.30	0.38	0.45	0.53	0.58	0.67	0.73	0.77	0.82	0.85	0.92	0.96
RC	5	5	5	5	5	5	5	5	5	5	5	5

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)	31	121	256	420	590	746	870	945	967	970	974	979	984	989	994	997	999	1000

Códigos de Flujo C.I.E.
46 77 95 97 100

C.I.E.	5	LOR	99.99962 %
D DIN 5040	A31	ULOR	3.28249 %
F UTE	0.97 E + 0.03 T	DLOR	96.71714 %
B NBN	BZ 5	UFF	3.28250 %
RN	3.28250 %	DFF	96.71750 %
BLF	1.0	FFR	3.39390 %



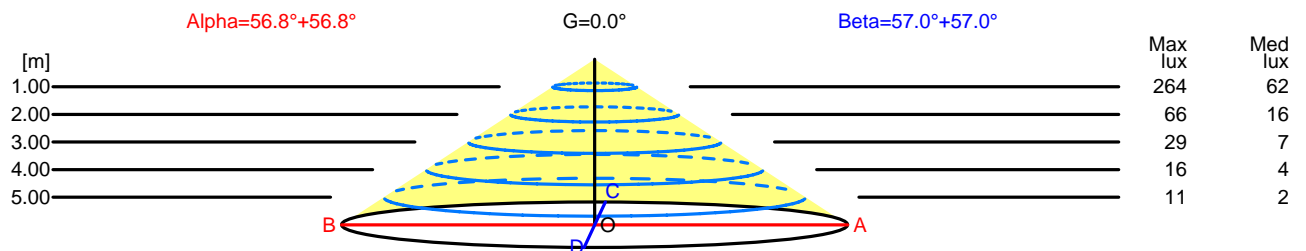
Gamma °	Flujo Zonal			
	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00%
5°	7.87	7.87	0.79%	0.79%
10°	23.33	31.20	2.33%	3.12%
15°	37.99	69.19	3.80%	6.92%
20°	51.35	120.54	5.14%	12.05%
25°	62.98	183.52	6.30%	18.35%
30°	72.47	255.99	7.25%	25.60%
35°	79.57	335.55	7.96%	33.56%
40°	84.00	419.55	8.40%	41.96%
45°	85.76	505.32	8.58%	50.53%
50°	84.78	590.10	8.48%	59.01%
55°	81.15	671.24	8.11%	67.12%
60°	75.09	746.34	7.51%	74.63%
65°	66.77	813.11	6.68%	81.31%
70°	56.44	869.55	5.64%	86.95%
75°	44.32	913.87	4.43%	91.39%
80°	30.96	944.83	3.10%	94.48%
85°	16.85	961.68	1.69%	96.17%
90°	5.49	967.17	0.55%	96.72%
95°	1.31	968.48	0.13%	96.85%
100°	1.52	970.00	0.15%	97.00%
105°	1.80	971.80	0.18%	97.18%
110°	2.07	973.87	0.21%	97.39%
115°	2.30	976.17	0.23%	97.62%
120°	2.47	978.64	0.25%	97.86%
125°	2.57	981.21	0.26%	98.12%
130°	2.62	983.82	0.26%	98.38%
135°	2.61	986.43	0.26%	98.64%
140°	2.55	988.99	0.26%	98.90%
145°	2.42	991.40	0.24%	99.14%
150°	2.19	993.59	0.22%	99.36%
155°	1.90	995.49	0.19%	99.55%
160°	1.56	997.05	0.16%	99.71%
165°	1.23	998.28	0.12%	99.83%
170°	0.91	999.19	0.09%	99.92%
175°	0.59	999.79	0.06%	99.98%
180°	0.21	1000.00	0.02%	100.00%

Luminaria		Ensayo		Lámpara	
Código	33102208xx+P787	Código	33102208xx+P787	Código	33102208xx+P787
Nombre	MARIETTA 90 LED 28W C. ROJA	Nombre	MARIETTA 90 LED 28W C. ROJA	Número	1
Familia	- BOVER	Fecha	21-05-2015	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	800.06 lm
Valor Máximo	329.76 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	1.53	3.06	4.58	6.11	7.64	OC	1.54	3.08	4.61	6.15	7.69
OB	1.53	3.06	4.58	6.11	7.64	OD	1.54	3.08	4.61	6.15	7.69

				Intensidades Luminosas [cd/klm]						
	0	5	15	25	35	45	55	65	75	85
OA	263.83	262.68	253.09	234.54	208.36	175.69	138.47	97.93	56.30	12.91
OB	263.83	262.68	253.09	234.54	208.36	175.69	138.47	97.93	56.30	12.91
OC	263.83	262.57	253.73	235.63	209.73	177.37	140.41	99.65	56.70	13.54
OD	263.83	262.57	253.73	235.63	209.73	177.37	140.41	99.65	56.70	13.54



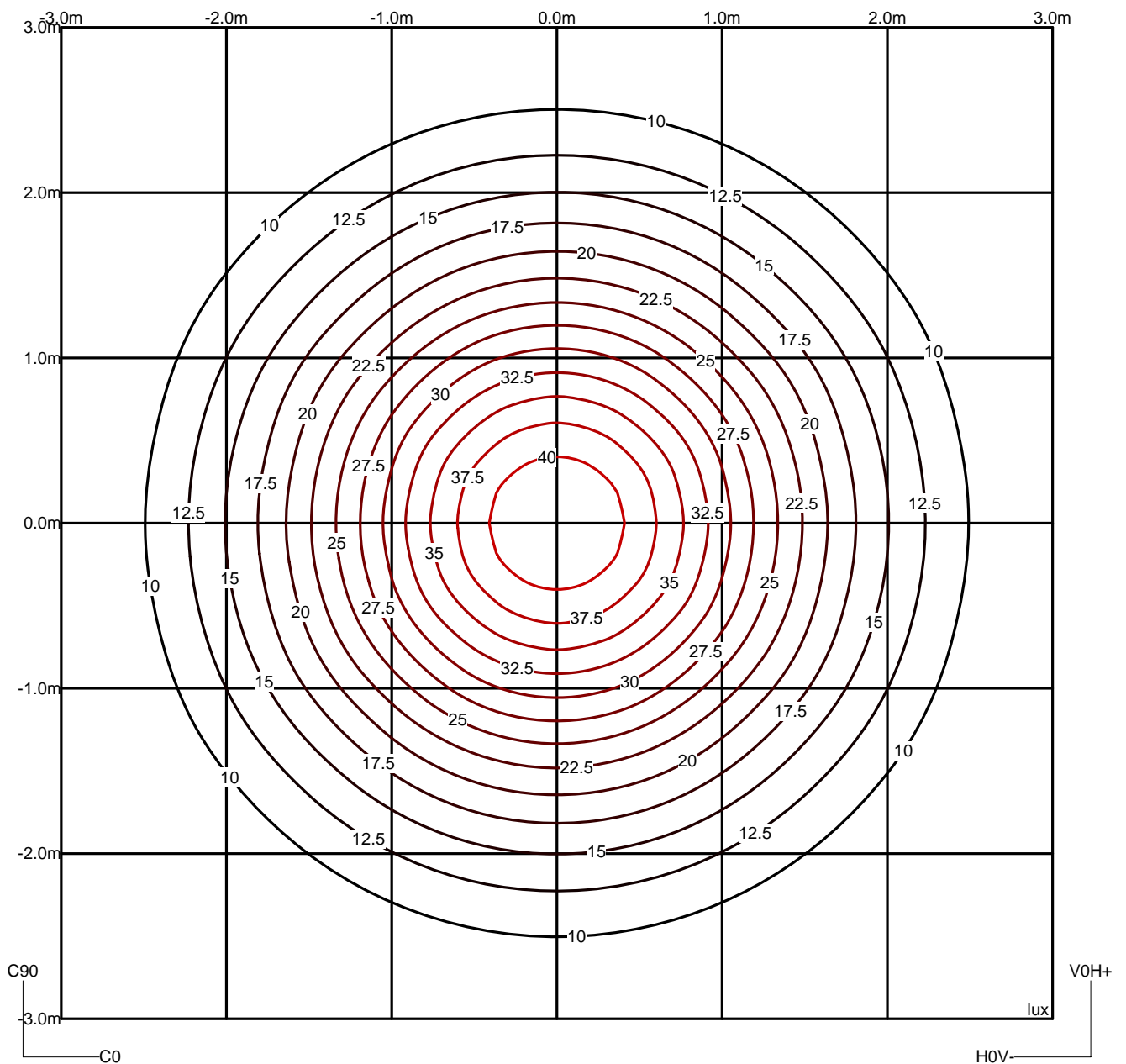
H[m]	D[m]	Max lux	Med lux	Alpha=56.8°+56.8°	G=0.0
1.00	3.06	264	62		
2.00	6.11	66	16		
3.00	9.17	29	7		
4.00	12.22	16	4		
5.00	15.28	11	2		

H[m]	D[m]	Max lux	Med lux	Beta=57.0°+57.0°	G=0.0
1.00	3.08	264	62		
2.00	6.15	66	16		
3.00	9.23	29	7		
4.00	12.30	16	4		
5.00	15.38	11	2		

Luminaria		Ensayo		Lámpara	
Código	33102208xx+P787	Código	33102208xx+P787	Código	33102208xx+P787
Nombre	MARIETTA 90 LED 28W C. ROJA	Nombre	MARIETTA 90 LED 28W C. ROJA	Número	1
Familia	- BOVER	Fecha	21-05-2015	Posición	Universal
Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	800.06 lm
Valor Máximo	329.76 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	33102208xx+P787			Código	33102208xx+P787			Código	33102208xx+P787		
Nombre	MARIETTA 90 LED 28W C. ROJA			Nombre	MARIETTA 90 LED 28W C. ROJA			Número	1		
Familia	- BOVER			Fecha	21-05-2015			Posición	Universal		
Rendimiento	100.00%			Sist. de Coorden.	CG			Flujo Total	800.06 lm		
Valor Máximo	329.76 cd/klm			Posición	C=0.00 G=0.00			Bisimétrico			

Utilización CIE

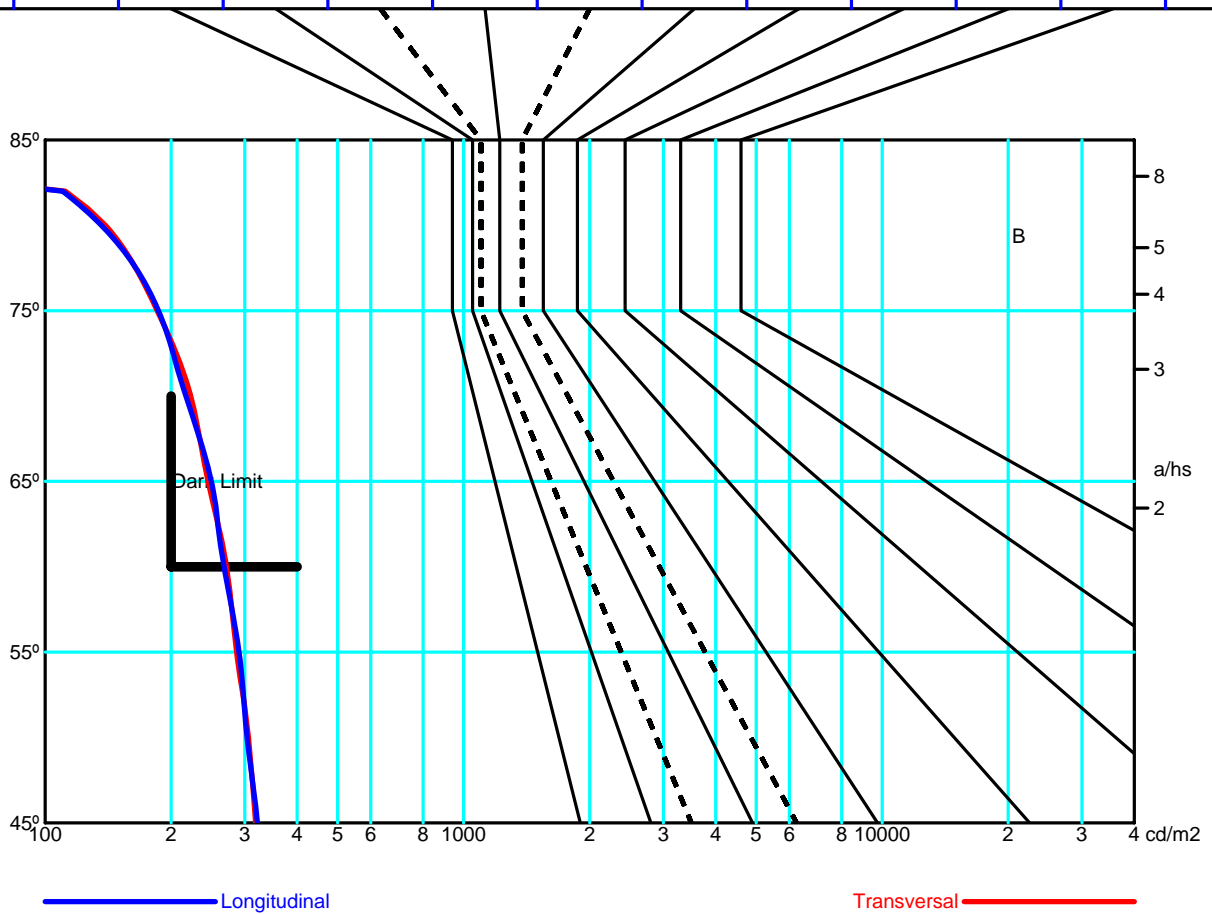
Montaje	Directo	NormalizaciónNormalizados										Raz. de Susp. 1/3			CIE Estándar								
Techo																							
K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000
0.60	240	216	195	176	205	168	132	112	108	92	68	51	39	26	86	55	48	31	25	46	26	23	12
0.80	277	254	209	193	241	184	162	142	123	108	80	63	47	34	101	66	60	39	33	57	34	30	15
1.00	301	280	213	199	266	190	187	166	132	118	88	72	54	41	111	75	69	46	39	65	41	36	16
1.25	322	303	211	200	288	192	211	192	138	126	95	81	62	49	118	83	77	54	47	73	48	43	18
1.50	337	320	208	199	304	191	231	212	141	131	101	88	68	56	123	89	84	61	54	80	55	50	20
2.00	355	341	198	192	325	185	260	243	143	135	108	97	79	68	128	98	93	72	65	89	66	61	22
2.50	367	355	190	185	339	180	281	266	144	137	113	104	87	77	131	104	99	80	74	95	74	69	23
3.00	375	365	184	180	349	175	297	283	144	138	117	108	93	84	132	108	104	86	81	100	81	76	25
4.00	386	379	175	172	362	168	319	308	144	139	122	115	102	94	134	114	111	96	91	107	90	86	26
5.00	394	387	170	167	371	164	334	325	143	140	125	119	108	101	135	118	115	102	98	112	97	93	27
10.00	409	405	157	156	389	153	368	363	142	140	132	129	122	118	136	127	125	117	115	122	113	109	30
20.00	417	415	149	148	399	146	388	385	141	140	135	134	130	128	136	131	130	126	125	127	123	119	31
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	466	453	409	399	446	394	351	342	318	311	267	260	230	225	308	261	259	227	225	257	225	224	204
0.80	527	513	449	440	502	433	409	398	361	354	310	303	271	266	349	303	300	268	265	298	265	263	240
1.00	567	553	472	463	541	456	451	439	389	382	340	332	302	296	375	332	328	297	294	325	294	291	264
1.25	603	590	489	482	574	473	490	478	413	406	367	359	330	323	398	357	354	324	321	350	320	316	287
1.50	629	616	500	493	599	484	520	508	430	424	387	379	351	345	414	376	373	345	341	368	340	336	303
2.00	655	644	503	498	624	489	556	544	444	439	407	400	376	369	428	396	393	368	364	386	361	356	320
2.50	671	662	503	499	639	490	579	567	452	447	419	413	391	384	435	407	404	382	379	397	375	368	329
3.00	680	672	500	497	647	488	594	583	455	451	426	420	401	394	438	413	411	391	387	402	383	375	334
4.00	696	690	501	498	663	489	619	610	463	460	439	434	418	412	446	426	424	407	404	414	398	389	345
5.00	708	703	502	500	675	491	637	629	469	467	449	445	431	425	453	435	433	419	416	423	409	399	353
10.00	732	728	503	502	697	493	675	670	481	479	469	466	458	454	464	454	453	444	442	440	432	420	370
20.00	733	731	491	490	698	482	686	683	475	474	469	467	463	460	459	453	453	448	447	439	434	421	368
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	580	566	541	530	557	524	442	433	426	418	359	353	311	307	413	353	351	308	306	349	306	305	288
0.80	687	671	632	621	658	612	542	530	517	508	449	440	397	392	500	440	436	393	390	433	389	387	368
1.00	771	754	702	692	737	680	625	611	591	582	524	514	472	465	571	512	509	466	462	504	461	457	439
1.25	850	834	766	756	812	743	706	691	661	652	597	587	546	538	639	583	579	538	534	573	532	527	508
1.50	909	894	812	803	869	790	769	753	714	705	654	643	605	595	690	638	634	595	590	626	587	581	563
2.00	996	982	877	870	952	855	865	849	793	785	740	730	696	686	767	722	718	683	678	707	673	664	647
2.50	1000	1000	918	912	1000	897	929	914	843	836	797	788	758	747	816	777	773	743	738	760	731	720	704
3.00	1000	1000	946	941	1000	925	976	962	879	873	838	829	803	793	851	817	813	786	781	799	772	760	744
4.00	1000	1000	979	975	1000	960	1000	1000	923	918	890	882	860	850	894	866	863	841	836	846	824	810	795
5.00	1000	1000	999	996	1000	980	1000	1000	949	945	921	914	896	887	921	897	894	875	871	875	857	840	826
10.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	990	986	975	969	976	963	961	951	947	939	928	907	893
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	999	998	993	991	973	967	944	930

LM53 SHR C0-C180: 1.250 SHR C90-C270: 1.250 SHR Superficial: 1.383

Luminaria		Ensayo		Lámpara	
Código	33102208xx+P787	Código	33102208xx+P787	Código	33102208xx+P787
Nombre	MARIETTA 90 LED 28W C. ROJA	Nombre	MARIETTA 90 LED 28W C. ROJA	Número	1
Familia	- BOVER	Fecha	21-05-2015	Posición	Universal
Rendimiento	100.00%	Sist. de Coord.	CG	Flujo Total	800.06 lm
Valor Máximo	329.76 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

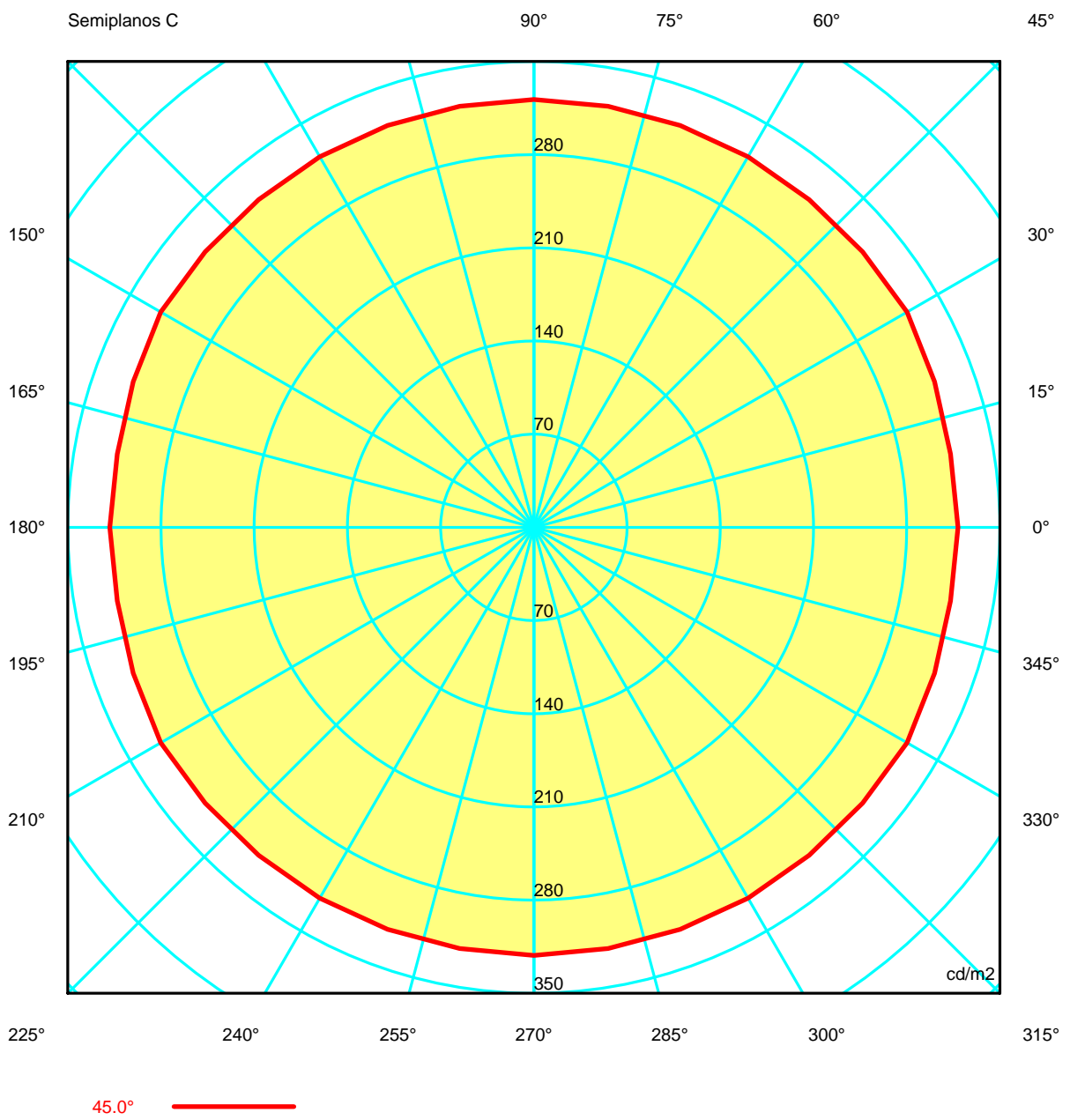
Luminancia Media [cd/m ²]										
0.0°	45°	50°	55°	60°	65°	70°	75°	80°	85°	---
90.0°	318	306	287	271	245	223	185	139	65	---
	322	304	291	267	250	217	187	136	68	---

Flujo montado o vista transversal												
		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	33102208xx+P787	Código	33102208xx+P787	Código	33102208xx+P787
Nombre	MARIETTA 90 LED 28W C. ROJA	Nombre	MARIETTA 90 LED 28W C. ROJA	Número	1
Familia	- BOVER	Fecha	21-05-2015	Posición	Universal
Rendimiento	100.00%	Sist. de Coord.	CG	Flujo Total	800.06 lm
Valor Máximo	329.76 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico	

Luminancia



Luminaria		Ensayo		Lámpara	
Código	33102208xx+P787	Código	33102208xx+P787	Código	33102208xx+P787
Nombre	MARIETTA 90 LED 28W C. ROJA	Nombre	MARIETTA 90 LED 28W C. ROJA	Número	1
Familia	- BOVER	Fecha	21-05-2015	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	800.06 lm
Valor Máximo	329.76 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	414.71	414.71	414.71	414.71	414.71	414.71	414.71	414.71	414.71	414.71	414.71	414.71	414.71
G 5.0	406.44	406.32	406.45	406.61	406.33	406.28	406.42	406.41	406.32	406.26	406.32	406.41	406.42
G 10.0	398.31	397.56	397.82	398.45	397.86	397.57	397.57	397.60	397.60	397.57	397.60	397.60	397.57
G 15.0	388.32	388.06	388.59	389.17	388.44	388.24	388.79	388.55	388.55	389.29	388.55	388.55	388.79
G 20.0	379.86	378.90	379.42	380.33	379.15	378.54	378.61	378.47	378.39	378.56	378.39	378.47	378.61
G 25.0	367.94	368.00	368.65	369.56	368.51	368.20	369.29	369.76	369.75	369.66	369.75	369.76	369.29
G 30.0	358.69	358.79	359.33	359.74	357.88	357.01	357.06	357.15	357.23	357.32	357.23	357.15	357.06
G 35.0	345.13	344.55	346.46	348.71	346.90	345.73	346.87	347.41	347.43	347.40	347.43	347.41	346.87
G 40.0	334.55	334.69	335.45	336.08	333.74	332.53	332.47	332.48	332.43	332.37	332.43	332.48	332.47
G 45.0	318.47	317.68	320.17	323.59	322.19	321.51	321.56	321.34	321.23	321.52	321.23	321.34	321.56
G 50.0	306.22	306.36	307.74	309.42	306.26	304.24	303.76	303.50	303.38	303.82	303.38	303.50	303.76
G 55.0	286.78	285.30	288.78	293.72	291.45	290.24	290.10	290.52	290.66	290.79	290.66	290.52	290.10
G 60.0	271.34	271.43	272.90	275.21	272.91	269.36	268.01	269.20	269.41	267.46	269.41	269.20	268.01
G 65.0	245.20	246.82	250.73	254.07	251.68	250.00	249.88	250.36	250.18	249.53	250.18	250.36	249.88
G 70.0	222.74	221.87	224.52	227.78	225.24	221.54	220.29	220.69	219.78	216.83	219.78	220.69	220.29
G 75.0	185.36	186.34	190.24	195.51	190.71	187.30	186.72	187.23	187.07	186.67	187.07	187.23	186.72
G 80.0	139.27	139.91	142.61	146.38	142.83	137.73	136.58	139.49	140.04	136.30	140.04	139.49	136.58
G 85.0	64.89	67.61	75.57	82.02	74.93	68.00	68.48	70.90	70.93	68.09	70.93	70.90	68.48
G 90.0	12.60	11.91	11.90	12.71	13.66	13.35	12.27	12.30	12.29	11.61	12.29	12.30	12.27

Luminaria		Ensayo		Lámpara	
Código	33102208xx+P787	Código	33102208xx+P787	Código	33102208xx+P787
Nombre	MARIETTA 90 LED 28W C. ROJA	Nombre	MARIETTA 90 LED 28W C. ROJA	Número	1
Familia	- BOVER	Fecha	21-05-2015	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	800.06 lm
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Valor Máximo	329.76 cd/klm	Posición	C=0.00 G=0.00	Bisimétrico
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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	414.71	414.71	414.71	414.71	414.71	414.71	414.71	414.71	414.71	414.71	414.71	414.71	414.71
G 5.0	406.28	406.33	406.61	406.45	406.32	406.44	406.32	406.45	406.61	406.33	406.28	406.42	406.41
G 10.0	397.57	397.86	398.45	397.82	397.56	398.31	397.56	397.82	398.45	397.86	397.57	397.57	397.60
G 15.0	388.24	388.44	389.17	388.59	388.06	388.32	388.06	388.59	389.17	388.44	388.24	388.79	388.55
G 20.0	378.54	379.15	380.33	379.42	378.90	379.86	378.90	379.42	380.33	379.15	378.54	378.61	378.47
G 25.0	368.20	368.51	369.56	368.65	368.00	367.94	368.00	368.65	369.56	368.51	368.20	369.29	369.76
G 30.0	357.01	357.88	359.74	359.33	358.79	358.69	358.79	359.33	359.74	357.88	357.01	357.06	357.15
G 35.0	345.73	346.90	348.71	346.46	344.55	345.13	344.55	346.46	348.71	346.90	345.73	346.87	347.41
G 40.0	332.53	333.74	336.08	335.45	334.69	334.55	334.69	335.45	336.08	333.74	332.53	332.47	332.48
G 45.0	321.51	322.19	323.59	320.17	317.68	318.47	317.68	320.17	323.59	322.19	321.51	321.56	321.34
G 50.0	304.24	306.26	309.42	307.74	306.36	306.22	306.36	307.74	309.42	306.26	304.24	303.76	303.50
G 55.0	290.24	291.45	293.72	288.78	285.30	286.78	285.30	288.78	293.72	291.45	290.24	290.10	290.52
G 60.0	269.36	272.91	275.21	272.90	271.43	271.34	271.43	272.90	275.21	272.91	269.36	268.01	269.20
G 65.0	250.00	251.68	254.07	250.73	246.82	245.20	246.82	250.73	254.07	251.68	250.00	249.88	250.36
G 70.0	221.54	225.24	227.78	224.52	221.87	222.74	221.87	224.52	227.78	225.24	221.54	220.29	220.69
G 75.0	187.30	190.71	195.51	190.24	186.34	185.36	186.34	190.24	195.51	190.71	187.30	186.72	187.23
G 80.0	137.73	142.83	146.38	142.61	139.91	139.27	139.91	142.61	146.38	142.83	137.73	136.58	139.49
G 85.0	68.00	74.93	82.02	75.57	67.61	64.89	67.61	75.57	82.02	74.93	68.00	68.48	70.90
G 90.0	13.35	13.66	12.71	11.90	11.91	12.60	11.91	11.90	12.71	13.66	13.35	12.27	12.30

Luminaria		Ensayo		Lámpara	
Código	33102208xx+P787	Código	33102208xx+P787	Código	33102208xx+P787
Nombre	MARIETTA 90 LED 28W C. ROJA	Nombre	MARIETTA 90 LED 28W C. ROJA	Número	1
Familia	- BOVER	Fecha	21-05-2015	Posición	Universal

Rendimiento	100.00%	Sist. de Coorden.	CG	Flujo Total	800.06 lm
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Valor Máximo	329.76 cd/klm	Posición	C=0.00 G=0.00	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	414.71	414.71	414.71	414.71	414.71	414.71	414.71	414.71	414.71	414.71
G 5.0	406.32	406.26	406.32	406.41	406.42	406.28	406.33	406.61	406.45	406.32
G 10.0	397.60	397.57	397.60	397.60	397.57	397.57	397.86	398.45	397.82	397.56
G 15.0	388.55	389.29	388.55	388.55	388.79	388.24	388.44	389.17	388.59	388.06
G 20.0	378.39	378.56	378.39	378.47	378.61	378.54	379.15	380.33	379.42	378.90
G 25.0	369.75	369.66	369.75	369.76	369.29	368.20	368.51	369.56	368.65	368.00
G 30.0	357.23	357.32	357.23	357.15	357.06	357.01	357.88	359.74	359.33	358.79
G 35.0	347.43	347.40	347.43	347.41	346.87	345.73	346.90	348.71	346.46	344.55
G 40.0	332.43	332.37	332.43	332.48	332.47	332.53	333.74	336.08	335.45	334.69
G 45.0	321.23	321.52	321.23	321.34	321.56	321.51	322.19	323.59	320.17	317.68
G 50.0	303.38	303.82	303.38	303.50	303.76	304.24	306.26	309.42	307.74	306.36
G 55.0	290.66	290.79	290.66	290.52	290.10	290.24	291.45	293.72	288.78	285.30
G 60.0	269.41	267.46	269.41	269.20	268.01	269.36	272.91	275.21	272.90	271.43
G 65.0	250.18	249.53	250.18	250.36	249.88	250.00	251.68	254.07	250.73	246.82
G 70.0	219.78	216.83	219.78	220.69	220.29	221.54	225.24	227.78	224.52	221.87
G 75.0	187.07	186.67	187.07	187.23	186.72	187.30	190.71	195.51	190.24	186.34
G 80.0	140.04	136.30	140.04	139.49	136.58	137.73	142.83	146.38	142.61	139.91
G 85.0	70.93	68.09	70.93	70.90	68.48	68.00	74.93	82.02	75.57	67.61
G 90.0	12.29	11.61	12.29	12.30	12.27	13.35	13.66	12.71	11.90	11.91