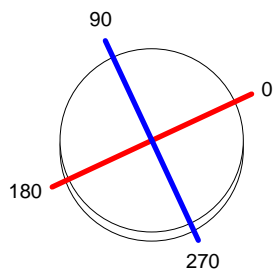


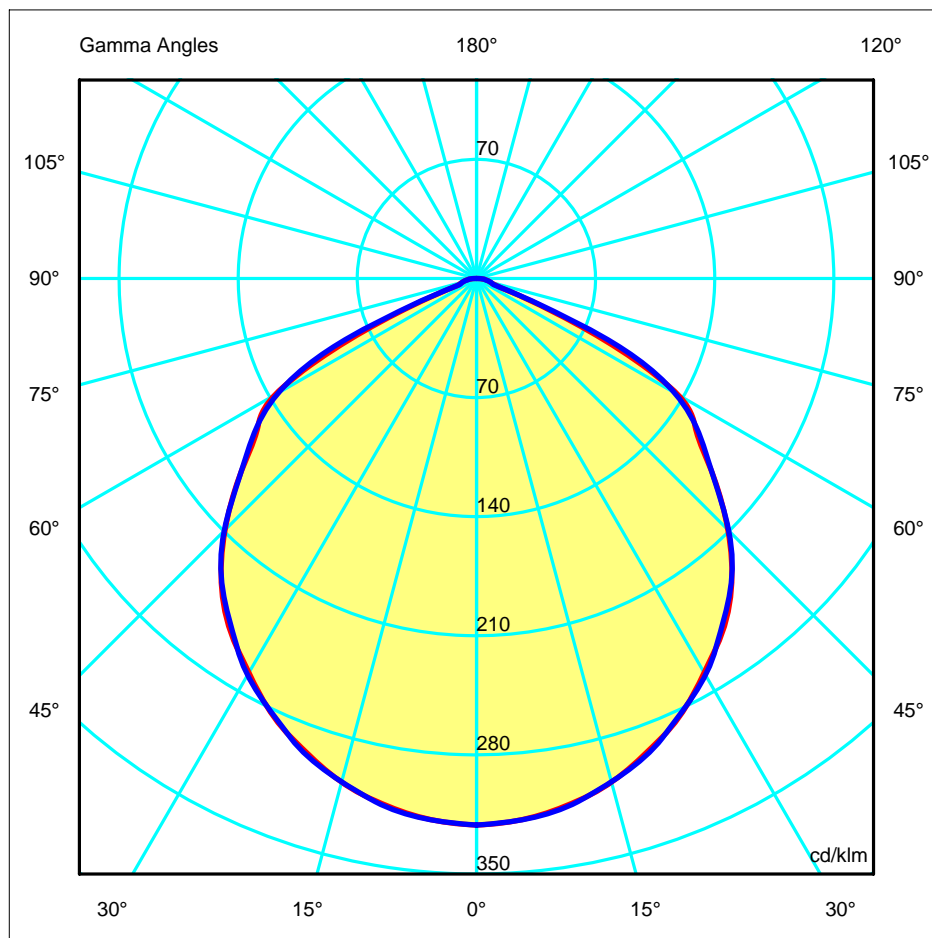
Luminaire			Measurem.			Lamp	
Code	Pantalla GR D-60		Code	Pantalla GR D-60		Code	1xLED 9W 350mA
Name	Pantalla GR D/60 North		Name	Pantalla GR D/60 North		Number	1
Line	VIBIA-North		Date	13-01-2016		Position	Universal
Luminaire Flux		830.69 lm	Luminaire Power		9.00 W	Efficacy	92.30 lm/W
Lamps Flux		1041.03 lm	Maximum value	321.16 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical
Round Luminaire		Diam.	600 mm		Height	210 mm	
Round Luminous Area		Diam.	598 mm		Height	0 mm	
Horizontal Luminous Area		0.280862 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.067947 m2	
Coordinate system		CG	Symmetry Type		Double Symmetrical		
Date		13-01-2016	Maximum Gamma Angle		90		
Measurement Distance		6.44	Measurement Flux		1041.03 lm		
Operator		Asselum T2		Source voltage		230.00 V	
Temperature		25.00 °C		Source current			
Humidity		48.00 %		Photocell		Prc	
Notes							

Diam=600mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0

ULOR 0.00 %
DLOR 79.80 %
RN 0.00 %


Luminaire		Measurem.				Lamp		
Code	Pantalla GR D-60	Code	Pantalla GR D-60			Code	1xLED 9W 350mA	
Name	Pantalla GR D/60 North	Name	Pantalla GR D/60 North			Number	1	
Line	VIBIA-North	Date	13-01-2016			Position	Universal	
Luminaire Flux		830.69 lm	Luminaire Power	9.00 W	Efficacy	92.30 lm/W	Efficiency	79.80%
Lamps Flux		1041.03 lm	Maximum value	321.16 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
Luminous Intensity Table cd/klm Table 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	321.16	321.16	321.16	321.16	321.16	321.16	321.16
	G 5.0	319.03	319.12	319.08	319.02	319.20	319.45	319.13
	G 10.0	313.80	313.91	314.15	313.89	314.45	314.33	314.59
	G 15.0	306.47	306.29	305.74	306.29	307.09	306.43	306.14
	G 20.0	295.26	295.86	296.15	295.09	296.16	295.97	296.60
	G 25.0	283.37	282.97	282.28	283.53	284.65	283.44	282.72
	G 30.0	267.45	268.69	269.00	268.79	269.07	269.40	269.10
	G 35.0	252.52	252.23	251.50	252.49	253.69	252.87	250.87
	G 40.0	233.34	232.97	232.92	233.08	233.79	233.58	232.95
	G 45.0	208.91	209.04	209.68	209.25	210.34	209.13	209.59
	G 50.0	182.15	182.90	181.92	182.22	184.50	182.17	181.89
	G 55.0	157.80	158.26	159.91	157.66	159.18	158.85	159.87
	G 60.0	136.76	135.67	134.37	135.67	138.21	135.98	134.53
	G 65.0	71.93	83.19	92.23	75.32	75.32	75.37	84.56
	G 70.0	11.69	11.65	10.61	11.85	10.77	11.49	10.49
	G 75.0	8.72	8.72	8.84	8.73	8.59	8.71	8.77
	G 80.0	6.53	6.51	6.45	6.49	6.44	6.48	6.26
	G 85.0	4.54	4.49	4.48	4.47	4.45	4.48	4.48
	G 90.0	0.64	0.71	0.75	0.76	0.72	0.68	0.62

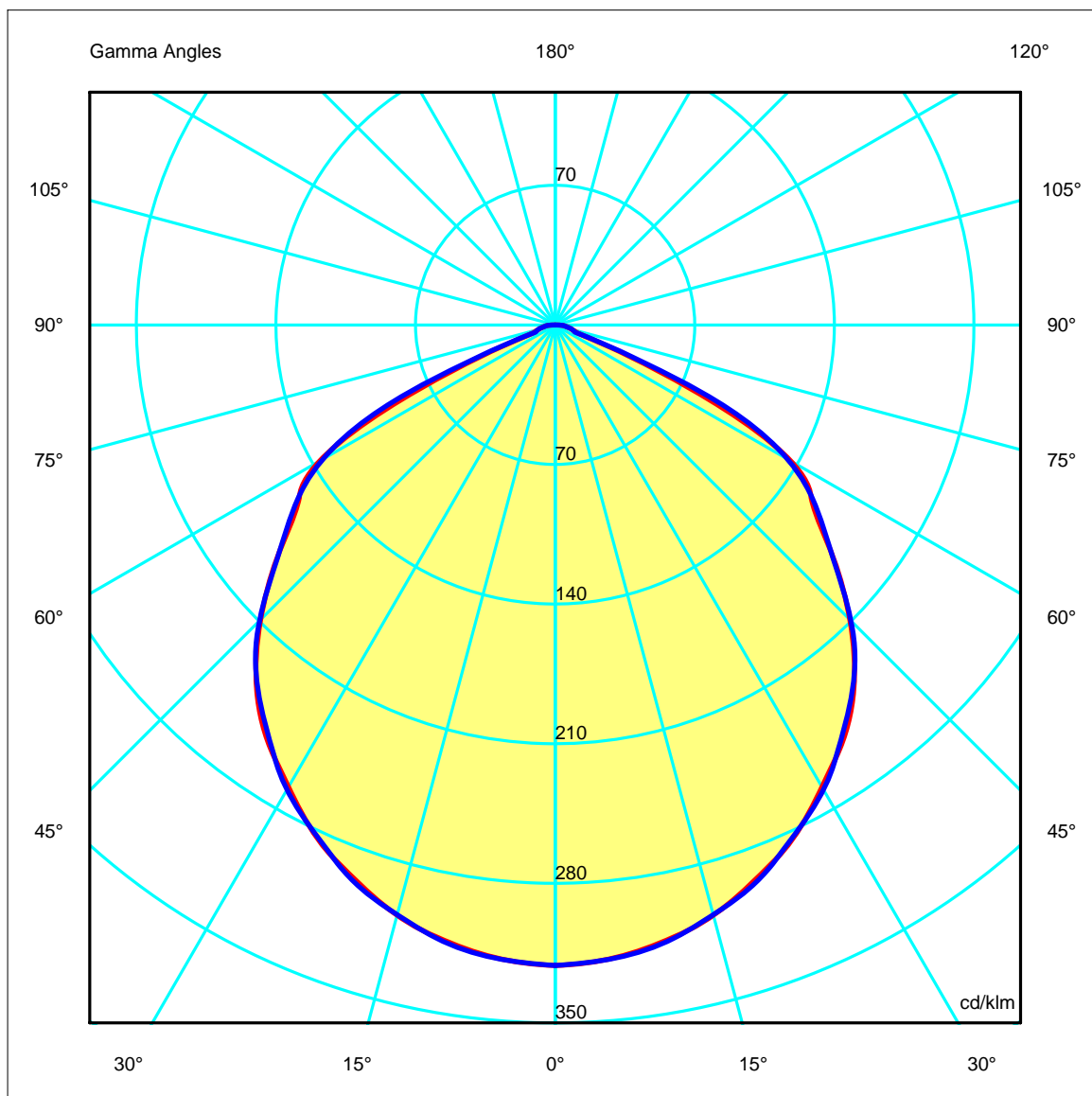
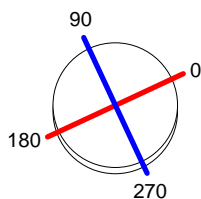
Luminaire		Measurem.		Lamp			
Code	Pantalla GR D-60	Code	Pantalla GR D-60	Code	1xLED 9W 350mA		
Name	Pantalla GR D/60 North	Name	Pantalla GR D/60 North	Number	1		
Line	VIBIA-North	Date	13-01-2016	Position	Universal		
Luminaire Flux	830.69 lm	Luminaire Power	9.00 W	Efficacy	92.30 lm/W	Efficiency	79.80%
Lamps Flux	1041.03 lm	Maximum value	321.16 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=600mm

C Halfplanes

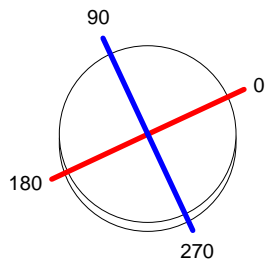
180.0 ————— 0.0

270.0 ————— 90.0



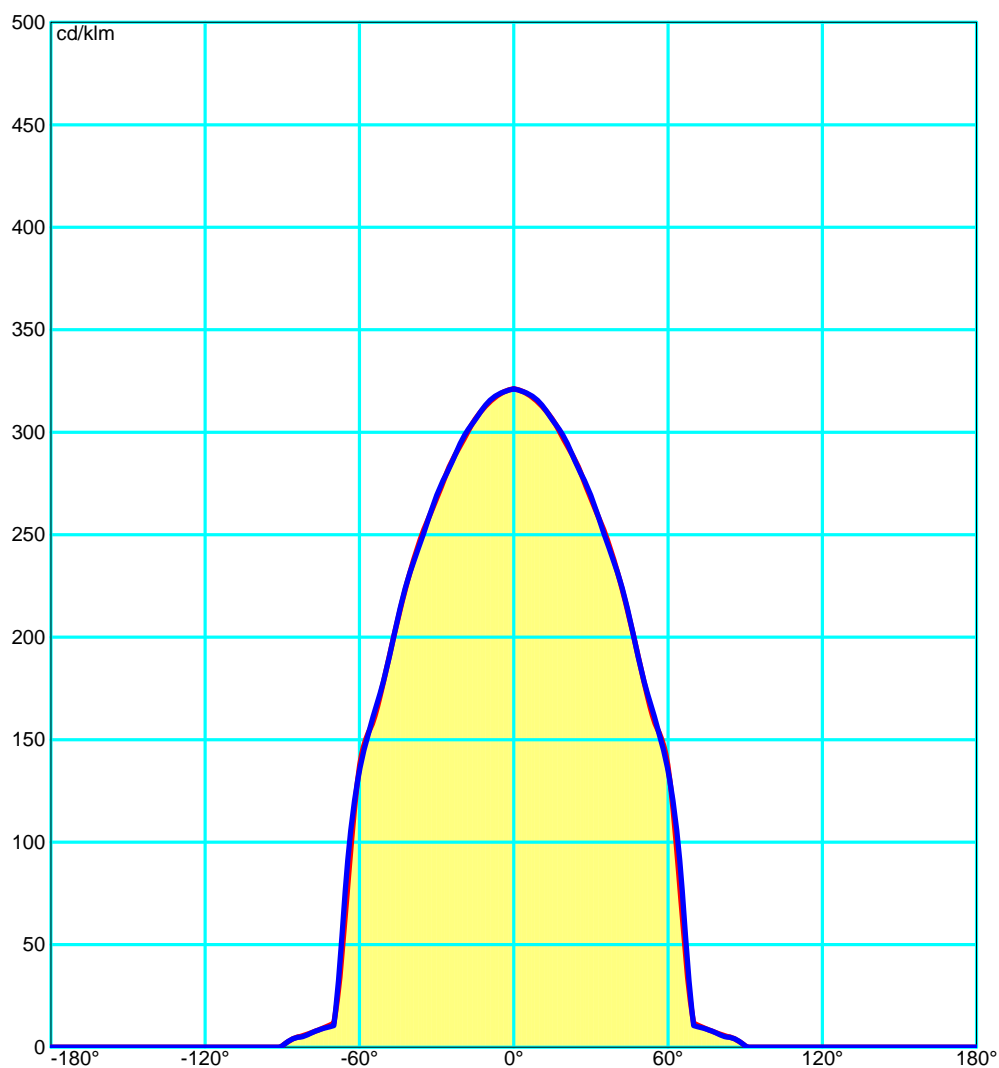
Luminaire		Measurem.		Lamp			
Code	Pantalla GR D-60	Code	Pantalla GR D-60	Code	1xLED 9W 350mA		
Name	Pantalla GR D/60 North	Name	Pantalla GR D/60 North	Number	1		
Line	VIBIA-North	Date	13-01-2016	Position	Universal		
Luminaire Flux	830.69 lm	Luminaire Power	9.00 W	Efficacy	92.30 lm/W	Efficiency	79.80%
Lamps Flux	1041.03 lm	Maximum value	321.16 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Diam=600mm



C Halfplanes

180.0 ————— 0.0
 270.0 ————— 90.0



Luminaire			Measurem.			Lamp			
Code	Pantalla GR D-60		Code	Pantalla GR D-60		Code	1xLED 9W 350mA		
Name	Pantalla GR D/60 North		Name	Pantalla GR D/60 North		Number	1		
Line	VIBIA-North		Date	13-01-2016		Position	Universal		
Luminaire Flux		830.69 lm	Luminaire Power		9.00 W	Efficacy	92.30 lm/W	Efficiency	79.80%
Lamps Flux		1041.03 lm	Maximum value	321.16 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical		

Total Flux=1041.03 Luminaire Flux=830.69

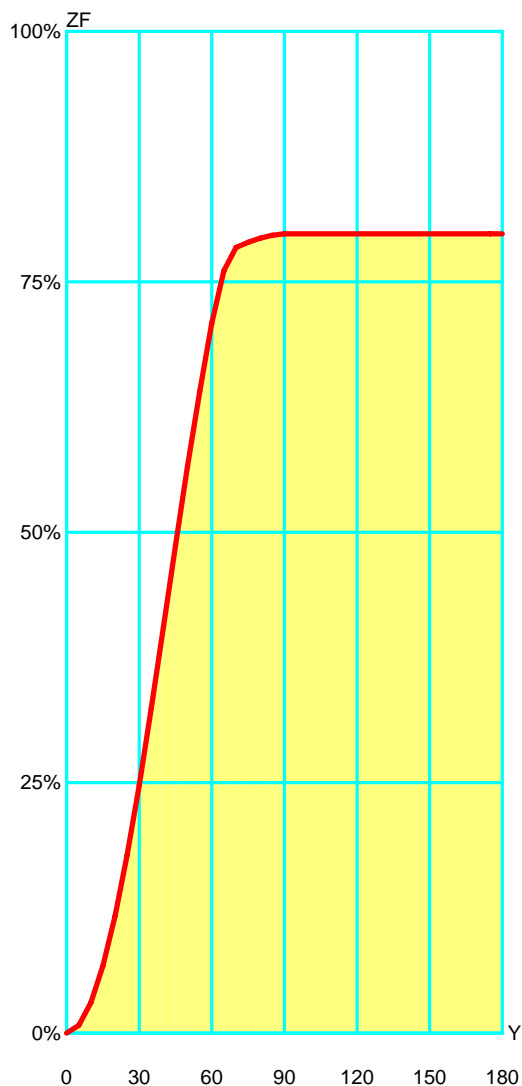
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.34	0.44	0.52	0.60	0.66	0.74	0.79	0.83	0.87	0.89	0.94	0.97
RC	4	4	4	4	4	3	3	3	3	3	3	4

		Zonal Flux per 1000 Lumen																	
Y°		10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)		30	117	247	405	566	709	784	794	798	798	798	798	798	798	798	798	798	798

CIE Flux Codes
54 89 99 100 80

C.I.E. 4/4/4/4/3/3/3/3/4
D DIN 5040 A40
F UTE 0.80 D
B NBN BZ 4 / 0.8 / BZ 3
RN 0.00000 %
BLF 1.0

LOR 79.79539 %
ULOR 0.00000 %
DLOR 79.79539 %
UFF 0.00000 %
DFF 100.00000 %
FFR 0.00000 %



Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	7.65	7.65	0.96 %	0.96 %
10°	22.66	30.31	2.84 %	3.80 %
15°	36.81	67.12	4.61 %	8.41 %
20°	49.63	116.75	6.22 %	14.63 %
25°	60.75	177.50	7.61 %	22.24 %
30°	69.88	247.38	8.76 %	31.00 %
35°	76.76	324.14	9.62 %	40.62 %
40°	81.03	405.17	10.15 %	50.78 %
45°	81.97	487.14	10.27 %	61.05 %
50°	79.22	566.36	9.93 %	70.98 %
55°	74.23	640.59	9.30 %	80.28 %
60°	68.12	708.71	8.54 %	88.82 %
65°	52.48	761.19	6.58 %	95.39 %
70°	23.09	784.28	2.89 %	98.29 %
75°	5.22	789.50	0.65 %	98.94 %
80°	4.06	793.56	0.51 %	99.45 %
85°	2.97	796.53	0.37 %	99.82 %
90°	1.42	797.95	0.18 %	100.00 %
95°	0.00	797.95	0.00 %	100.00 %
100°	0.00	797.95	0.00 %	100.00 %
105°	0.00	797.95	0.00 %	100.00 %
110°	0.00	797.95	0.00 %	100.00 %
115°	0.00	797.95	0.00 %	100.00 %
120°	0.00	797.95	0.00 %	100.00 %
125°	0.00	797.95	0.00 %	100.00 %
130°	0.00	797.95	0.00 %	100.00 %
135°	0.00	797.95	0.00 %	100.00 %
140°	0.00	797.95	0.00 %	100.00 %
145°	0.00	797.95	0.00 %	100.00 %
150°	0.00	797.95	0.00 %	100.00 %
155°	0.00	797.95	0.00 %	100.00 %
160°	0.00	797.95	0.00 %	100.00 %
165°	0.00	797.95	0.00 %	100.00 %
170°	0.00	797.95	0.00 %	100.00 %
175°	0.00	797.95	0.00 %	100.00 %
180°	0.00	797.95	0.00 %	100.00 %

Luminaire			Measurem.			Lamp	
Code	Pantalla GR D-60		Code	Pantalla GR D-60		Code	1xLED 9W 350mA
Name	Pantalla GR D/60 North		Name	Pantalla GR D/60 North		Number	1
Line	VIBIA-North		Date	13-01-2016		Position	Universal
Luminaire Flux	830.69 lm	Luminaire Power	9.00 W	Efficacy	92.30 lm/W	Efficiency	79.80%
Lamps Flux	1041.03 lm	Maximum value	321.16 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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										
RoomDimensions	ViewedCrosswise					ViewedEndwise				
	x=2H y=2H	x=2H y=3H	x=2H y=4H	x=2H y=6H	x=2H y=8H	x=2H y=12H	x=4H y=2H	x=4H y=3H	x=4H y=4H	x=4H y=6H
x=2H y=2H	12.9	14.1	13.2	14.3	14.5	12.8	14.0	13.1	14.2	14.5
x=2H y=3H	13.1	14.2	13.5	14.5	14.7	13.1	14.2	13.4	14.4	14.7
x=2H y=4H	13.1	14.1	13.4	14.4	14.6	13.0	14.1	13.4	14.3	14.6
x=2H y=6H	13.1	14.0	13.4	14.3	14.5	13.0	13.9	13.3	14.2	14.5
x=2H y=8H	13.0	13.9	13.4	14.2	14.5	13.0	13.8	13.3	14.2	14.5
x=2H y=12H	13.0	13.9	13.4	14.2	14.4	12.9	13.8	13.3	14.1	14.4
x=4H y=2H	13.4	14.4	13.7	14.7	14.9	13.3	14.3	13.6	14.6	14.9
x=4H y=3H	13.6	14.5	14.0	14.8	15.0	13.5	14.4	13.9	14.7	15.0
x=4H y=4H	13.6	14.3	14.0	14.7	14.9	13.5	14.2	13.9	14.6	14.9
x=4H y=6H	13.5	14.2	14.0	14.6	14.9	13.5	14.1	13.9	14.5	14.9
x=4H y=8H	13.5	14.1	14.0	14.5	14.9	13.5	14.0	13.9	14.4	14.9
x=4H y=12H	13.5	14.1	14.0	14.5	14.8	13.5	14.0	13.9	14.4	14.8
x=8H y=4H	13.5	14.1	13.9	14.5	14.8	13.4	14.0	13.8	14.4	14.8
x=8H y=6H	13.5	14.0	13.9	14.4	14.8	13.4	13.9	13.9	14.3	14.8
x=8H y=8H	13.5	13.9	14.0	14.4	14.7	13.4	13.8	13.9	14.3	14.7
x=8H y=12H	13.5	13.9	14.0	14.3	14.8	13.4	13.8	13.9	14.3	14.8
x=12H y=4H	13.5	14.0	13.9	14.4	14.8	13.4	13.9	13.8	14.3	14.8
x=12H y=6H	13.5	13.9	13.9	14.3	14.7	13.4	13.8	13.9	14.2	14.7
x=12H y=8H	13.5	13.8	14.0	14.3	14.7	13.4	13.8	13.9	14.2	14.7

Luminaire			Measurem.			Lamp	
Code	Pantalla GR D-60		Code	Pantalla GR D-60		Code	1xLED 9W 350mA
Name	Pantalla GR D/60 North		Name	Pantalla GR D/60 North		Number	1
Line	VIBIA-North		Date	13-01-2016		Position	Universal
Luminaire Flux		830.69 lm	Luminaire Power		9.00 W	Efficacy	92.30 lm/W
Efficiency		79.80%	Lamps Flux		1041.03 lm	Maximum value	321.16 cd/klm
Position		C=0.00 G=0.00	CG		Double Symmetrical		

Utilizations CIE

Mounting	Direct				Normalization				Normalised				Suspension Ratio				Standard CIE Settings						
Ceiling																							
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	170	153	131	119	145	113	88	75	67	57	36	27	14	9	54	29	26	11	9	24	9	8	0
0.80	195	179	137	127	170	121	110	96	76	67	43	34	19	14	62	36	32	16	13	31	14	12	0
1.00	212	197	137	128	187	122	128	114	80	72	48	40	24	18	67	41	38	20	17	36	18	16	0
1.25	227	213	133	126	203	121	147	133	83	75	53	45	29	23	71	46	43	26	22	41	23	21	0
1.50	237	226	129	123	215	118	162	149	84	78	56	49	34	28	73	50	47	30	27	45	27	25	0
2.00	251	242	120	116	230	112	185	173	84	80	61	55	42	36	75	55	53	38	35	50	35	32	0
2.50	261	253	114	111	241	107	201	191	84	81	65	59	48	42	77	59	57	44	41	55	41	38	0
3.00	268	261	109	107	249	104	214	204	84	81	67	63	52	47	77	62	60	49	46	58	45	43	0
4.00	278	273	104	103	261	100	232	224	85	82	71	67	59	54	79	67	65	55	53	63	52	49	0
5.00	285	280	102	100	269	98	244	237	85	83	74	71	63	59	80	70	68	60	57	66	57	54	0
10.00	300	297	96	95	285	94	271	267	86	85	80	78	73	71	83	76	76	70	69	74	68	66	0
20.00	308	306	92	92	294	90	286	284	87	86	83	82	79	78	84	80	80	77	76	78	75	72	0
Wall																							
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	361	352	313	306	347	303	273	267	244	240	205	202	176	175	238	202	201	175	175	200	175	174	158
0.80	399	389	332	326	382	322	311	303	269	264	230	226	202	200	261	227	225	200	199	224	199	198	179
1.00	421	411	339	334	402	329	335	327	281	277	246	241	218	215	273	241	239	216	214	238	214	213	191
1.25	438	429	341	337	418	331	357	348	290	285	257	253	231	228	280	252	250	228	227	248	226	225	200
1.50	450	442	341	337	429	332	373	364	295	291	265	261	241	237	285	259	257	237	236	254	235	233	206
2.00	458	450	330	328	436	322	388	380	293	289	268	264	247	244	283	261	260	243	241	256	240	237	207
2.50	463	456	323	320	440	315	399	390	290	288	269	266	251	248	281	262	261	247	244	257	242	239	207
3.00	465	459	315	313	441	308	405	397	287	285	269	266	253	249	277	262	260	248	246	255	243	239	205
4.00	474	469	313	311	450	306	420	413	289	287	275	272	261	258	280	267	266	255	253	260	250	245	209
5.00	483	479	314	313	459	308	433	427	294	292	281	279	270	267	284	273	272	263	261	266	257	251	214
10.00	515	512	330	329	490	324	474	470	316	315	308	306	301	298	306	299	298	292	291	291	285	278	238
20.00	545	543	350	350	519	345	510	508	340	339	335	334	331	329	330	326	325	322	321	317	313	306	263
Working Pl.																							
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	494	484	461	454	478	449	389	382	374	370	323	320	287	285	367	320	319	285	285	318	285	284	271
0.80	587	576	541	534	567	528	479	471	457	451	406	401	368	366	447	401	399	366	365	398	365	364	350
1.00	658	647	600	593	635	586	551	541	521	515	472	467	435	432	509	466	464	432	431	462	430	429	415
1.25	723	712	652	646	697	637	619	609	580	574	535	529	499	495	567	527	525	495	493	521	492	490	478
1.50	770	759	687	682	741	673	669	658	622	617	581	575	547	542	608	572	569	542	540	565	538	535	523
2.00	836	826	737	732	805	723	744	733	682	677	647	642	618	613	667	637	635	612	609	629	606	602	591
2.50	877	868	765	762	844	753	791	781	718	714	689	683	663	658	702	677	675	655	652	668	648	642	632
3.00	905	897	784	781	871	772	825	815	743	739	717	712	695	689	727	705	703	685	682	694	677	671	661
4.00	939	932	805	803	904	794	866	857	771	768	750	745	731	726	754	737	735	721	718	725	711	702	693
5.00	959	954	818	816	923	806	891	883	787	785	770	765	753	748	770	755	754	741	739	742	731	721	712
10.00	1000	998	841	840	963	831	944	939	820	818	810	807	800	796	802	793	792	785	783	778	772	759	750
20.00	1000	1000	853	853	985	843	975	972	837	837	832	830	826	824	819	814	814	810	809	798	794	780	772

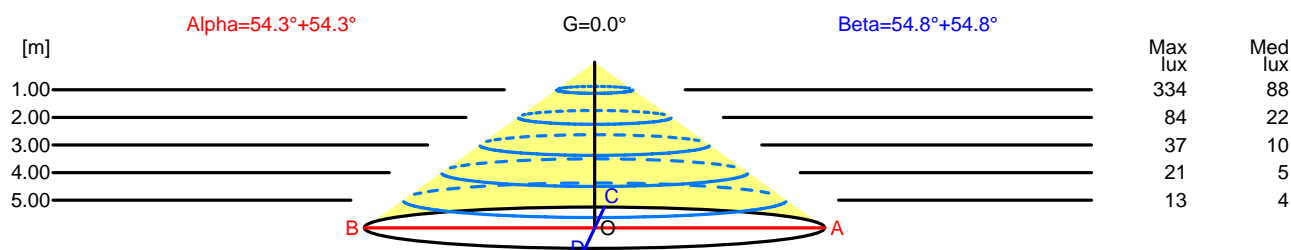
LM53 SHR C0-C180: 1.238 SHR C90-C270: 1.238 SHR Square: 1.364

Luminaire			Measur.			Lamp	
Code	Pantalla GR D-60		Code	Pantalla GR D-60		Code	1xLED 9W 350mA
Name	Pantalla GR D/60 North		Name	Pantalla GR D/60 North		Number	1
Line	VIBIA-North		Date	13-01-2016		Position	Universal
Luminaire Flux	830.69 lm	Luminaire Power	9.00 W	Efficacy	92.30 lm/W	Efficiency	79.80%
Lamps Flux	1041.03 lm	Maximum value	321.16 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Width at 50.00 % of Max Intensity

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	1.39	2.78	4.17	5.56	6.95	OC	1.42	2.84	4.26	5.68	7.10
OB	1.39	2.78	4.17	5.56	6.95	OD	1.42	2.84	4.26	5.68	7.10

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	334.33	332.12	319.04	295.00	262.88	217.48	164.28	74.88	9.08	4.73
OB	334.33	332.12	319.04	295.00	262.88	217.48	164.28	74.88	9.08	4.73
OC	334.33	332.22	318.70	294.32	261.16	218.19	166.43	88.03	9.13	4.66
OD	334.33	332.22	318.70	294.32	261.16	218.19	166.43	88.03	9.13	4.66



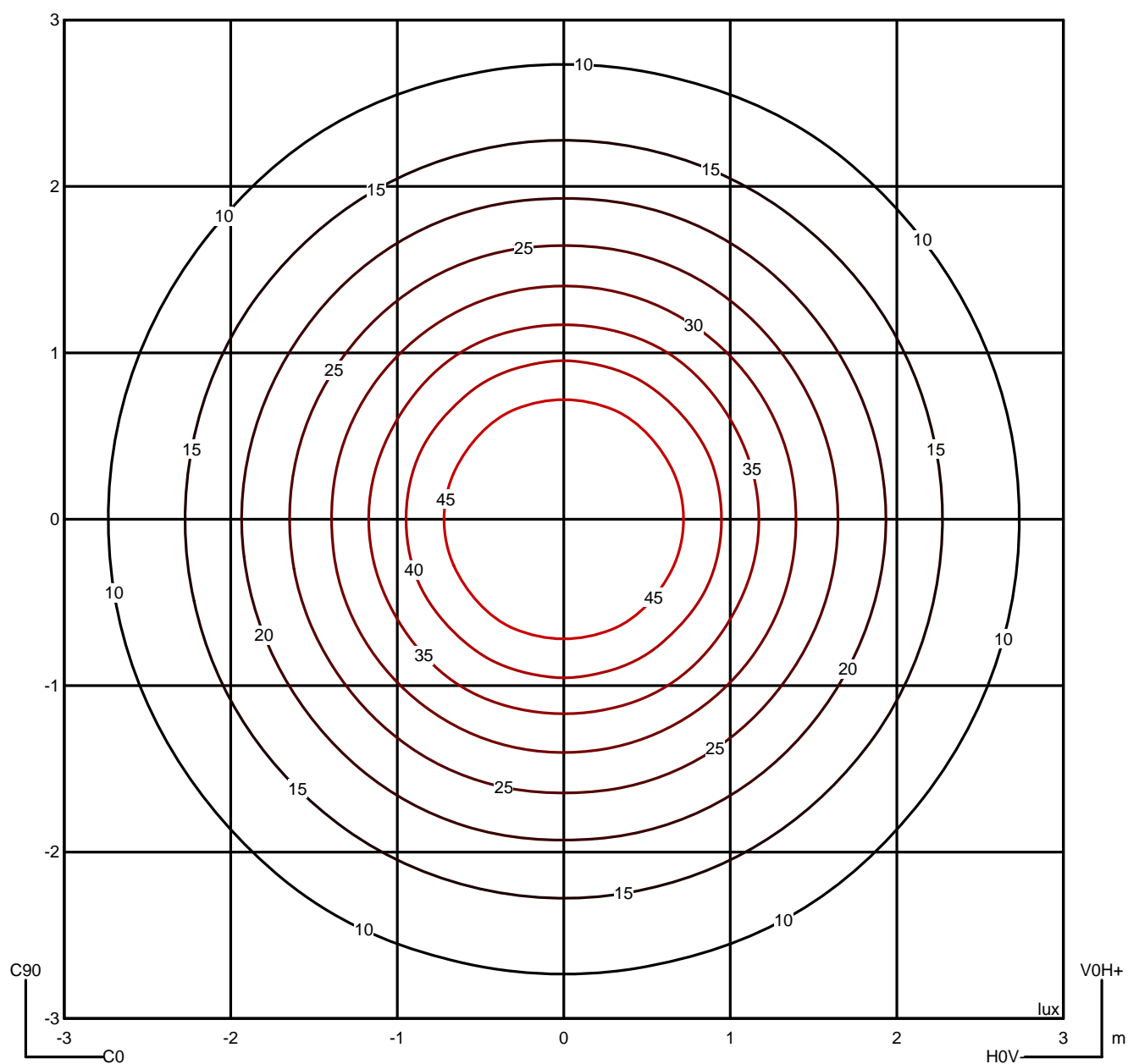
H[m]	D[m]	Max lux	Med lux	Alpha=54.3°+54.3°	G=0.0	
1.00	2.78	334	88			
2.00	5.56	84	22			
3.00	8.34	37	10			
4.00	11.12	21	5			
5.00	13.90	13	4			

H[m]	D[m]	Max lux	Med lux	Beta=54.8°+54.8°	G=0.0	
1.00	2.84	334	88			
2.00	5.68	84	22			
3.00	8.51	37	10			
4.00	11.35	21	5			
5.00	14.19	13	4			

Luminaire		Measurem.		Lamp			
Code	Pantalla GR D-60	Code	Pantalla GR D-60	Code	1xLED 9W 350mA		
Name	Pantalla GR D/60 North	Name	Pantalla GR D/60 North	Number	1		
Line	VIBIA-North	Date	13-01-2016	Position	Universal		
Luminaire Flux	830.69 lm	Luminaire Power	9.00 W	Efficacy	92.30 lm/W	Efficiency	79.80%
Lamps Flux	1041.03 lm	Maximum value	321.16 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Isolux (Floor)

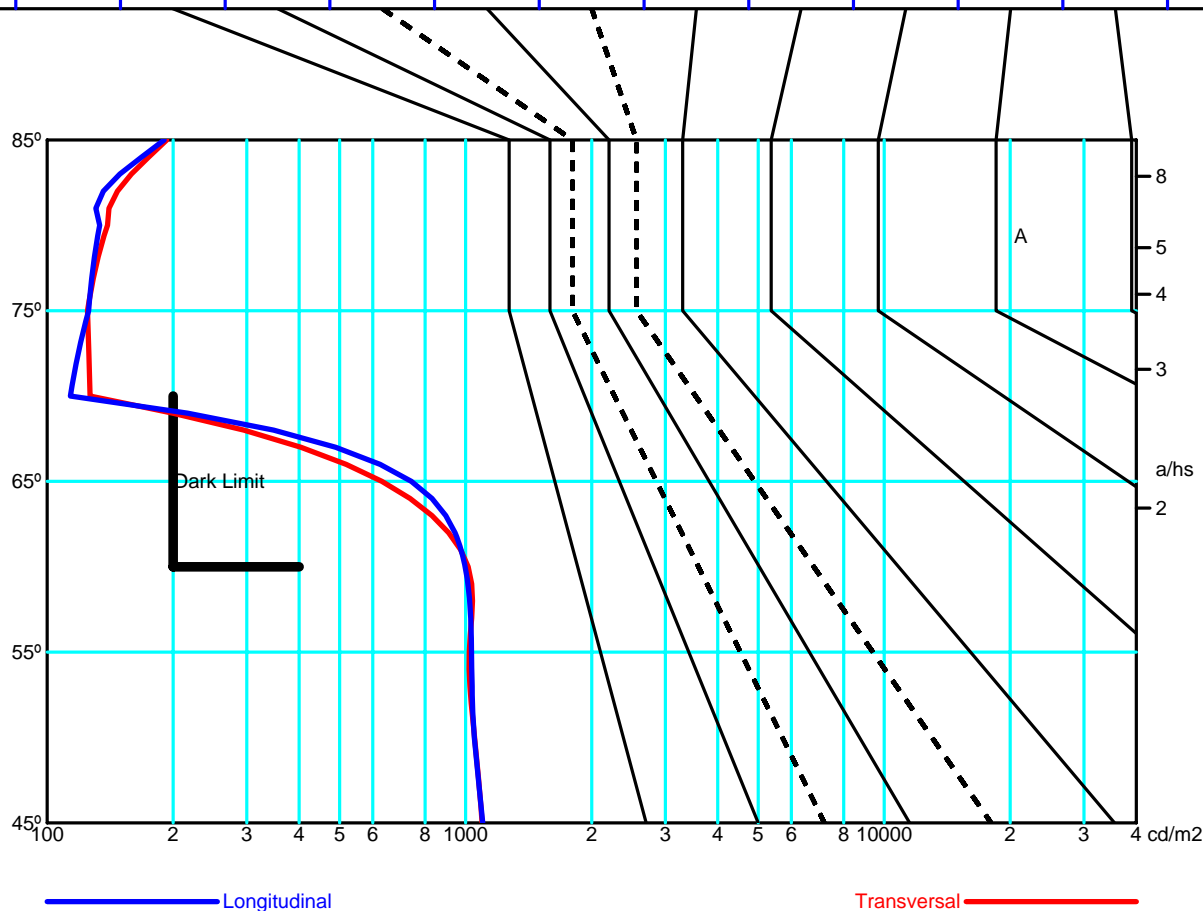
Luminaire position X=0.00m Y=0.00m Z=2.50m



Luminaire		Measur.		Lamp			
Code	Pantalla GR D-60	Code	Pantalla GR D-60	Code	1xLED 9W 350mA		
Name	Pantalla GR D/60 North	Name	Pantalla GR D/60 North	Number	1		
Line	VIBIA-North	Date	13-01-2016	Position	Universal		
Luminaire Flux	830.69 lm	Luminaire Power	9.00 W	Efficacy	92.30 lm/W	Efficiency	79.80%
Lamps Flux	1041.03 lm	Maximum value	321.16 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

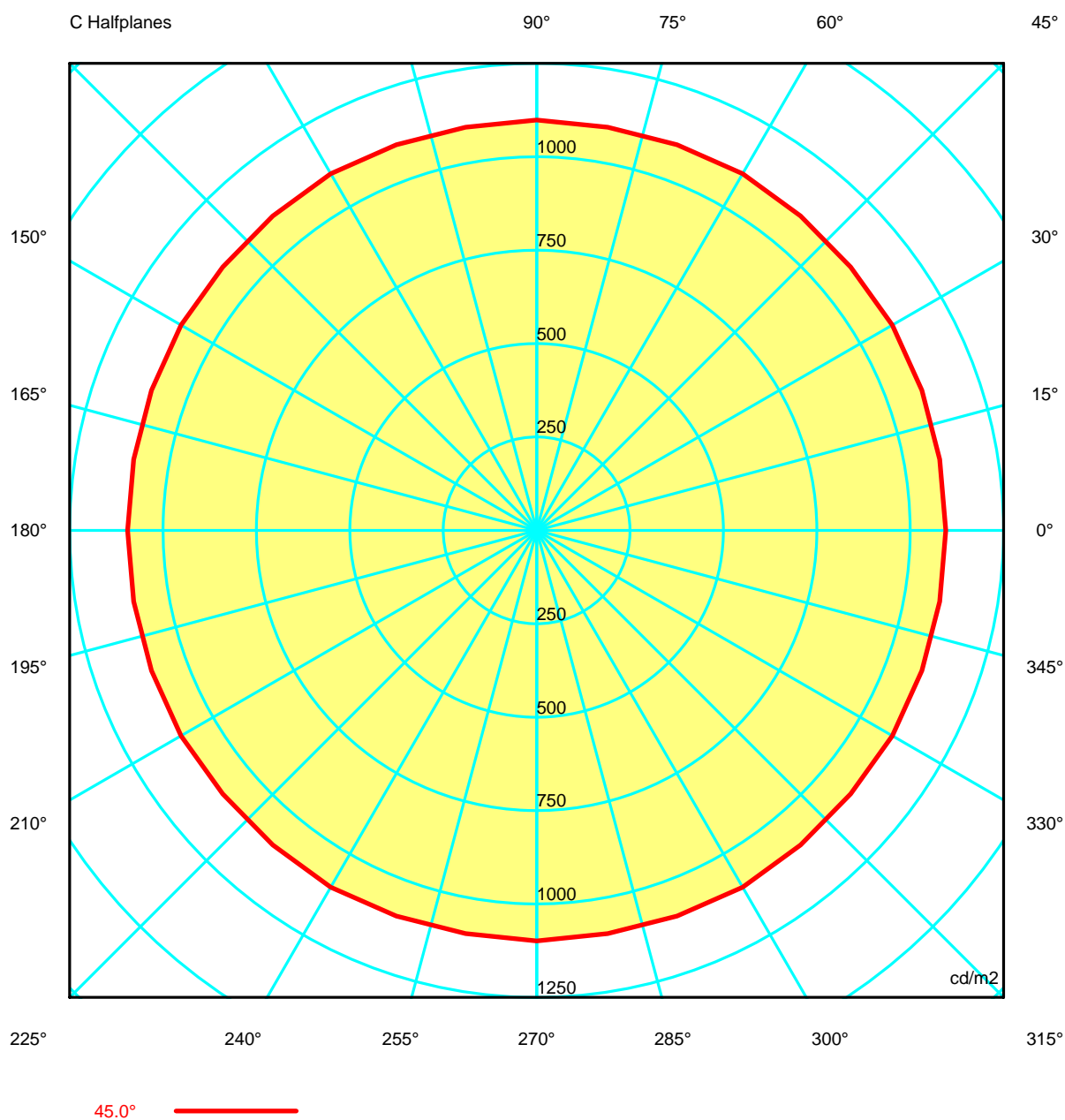
Average Luminance [cd/m²]									
0.0°	45°	50°	55°	60°	65°	70°	75°	80°	85°
1095	1095	1050	1020	1014	631	127	125	139	193
90.0°	1099	1049	1033	997	742	114	126	134	190

Flush mounted or longitudinal view												
		Illumination(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



Luminaire		Measurem.		Lamp			
Code	Pantalla GR D-60	Code	Pantalla GR D-60	Code	1xLED 9W 350mA		
Name	Pantalla GR D/60 North	Name	Pantalla GR D/60 North	Number	1		
Line	VIBIA-North	Date	13-01-2016	Position	Universal		
Luminaire Flux	830.69 lm	Luminaire Power	9.00 W	Efficacy	92.30 lm/W	Efficiency	79.80%
Lamps Flux	1041.03 lm	Maximum value	321.16 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire				Measurem.				Lamp							
Code	Pantalla GR D-60			Code	Pantalla GR D-60			Code	1xLED 9W 350mA						
Name	Pantalla GR D/60 North			Name	Pantalla GR D/60 North			Number	1						
Line	VIBIA-North			Date	13-01-2016			Position	Universal						
Luminaire Flux		830.69 lm		Luminaire Power		9.00 W		Efficacy		92.30 lm/W		Efficiency		79.80%	
Lamps Flux		1041.03 lm		Maximum value		321.16 cd/klm		Position		C=0.00 G=0.00		CG		Double Symmetrical	
Luminance cd/m2														Table 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	1190.39	1190.39	1190.39	1190.39	1190.39	1190.39	1190.39	1190.39	1190.39	1190.39	1190.39	1190.39	1190.39	1190.39	
G 5.0	1187.01	1187.28	1187.35	1187.20	1187.00	1187.09	1187.66	1188.44	1188.40	1187.38	1188.40	1188.44	1188.44	1187.66	
G 10.0	1181.07	1181.22	1181.91	1182.37	1181.51	1181.96	1183.50	1183.28	1183.14	1184.05	1183.14	1183.28	1183.28	1183.50	
G 15.0	1176.01	1175.80	1174.54	1173.22	1174.15	1176.71	1178.40	1176.91	1175.20	1174.76	1175.20	1176.91	1176.91	1178.40	
G 20.0	1164.62	1166.12	1167.95	1168.14	1164.81	1164.89	1168.20	1167.89	1167.74	1169.91	1167.74	1167.89	1167.89	1168.20	
G 25.0	1158.91	1158.13	1155.99	1154.44	1157.22	1161.90	1164.16	1161.22	1157.78	1156.23	1157.78	1161.22	1161.22	1164.16	
G 30.0	1144.69	1148.53	1150.88	1151.31	1150.63	1150.55	1151.60	1152.80	1152.87	1151.73	1152.87	1152.80	1152.80	1151.60	
G 35.0	1142.60	1142.11	1139.94	1138.00	1140.28	1144.86	1147.93	1146.39	1141.49	1135.15	1141.49	1146.39	1146.39	1147.93	
G 40.0	1129.03	1127.69	1127.04	1126.99	1127.17	1128.94	1131.22	1130.99	1129.24	1127.14	1129.24	1130.99	1130.99	1131.22	
G 45.0	1095.08	1095.52	1097.16	1099.11	1096.99	1098.78	1102.58	1098.54	1095.79	1098.62	1095.79	1098.54	1098.54	1102.58	
G 50.0	1050.35	1054.26	1053.43	1049.04	1047.99	1056.06	1063.92	1055.74	1049.93	1048.83	1049.93	1055.74	1055.74	1063.92	
G 55.0	1019.76	1021.71	1027.56	1033.38	1022.85	1020.23	1028.63	1027.72	1027.28	1033.09	1027.28	1027.72	1027.72	1028.63	
G 60.0	1013.80	1008.93	1001.80	996.11	999.80	1013.75	1024.57	1015.21	1002.90	997.32	1002.90	1015.21	1015.21	1024.57	
G 65.0	630.84	691.51	773.31	808.92	709.76	660.61	660.59	657.84	678.45	741.61	678.45	657.84	657.84	660.59	
G 70.0	126.71	126.38	121.35	114.93	124.99	125.85	116.72	121.76	123.54	113.68	123.54	121.76	121.76	116.72	
G 75.0	124.90	124.60	125.44	126.55	125.84	124.04	122.98	124.00	125.20	125.62	125.20	124.00	124.00	122.98	
G 80.0	139.39	139.21	138.38	137.66	138.34	138.22	137.53	138.37	137.39	133.58	137.39	138.37	138.37	137.53	
G 85.0	193.09	191.67	190.72	190.42	190.34	189.90	189.24	189.89	190.38	190.49	190.38	189.89	189.24	189.90	
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	0.00	

Luminaire				Measurem.				Lamp							
Code	Pantalla GR D-60			Code	Pantalla GR D-60			Code	1xLED 9W 350mA						
Name	Pantalla GR D/60 North			Name	Pantalla GR D/60 North			Number	1						
Line	VIBIA-North			Date	13-01-2016			Position	Universal						
Luminaire Flux		830.69 lm		Luminaire Power		9.00 W		Efficacy		92.30 lm/W		Efficiency		79.80%	
Lamps Flux		1041.03 lm		Maximum value		321.16 cd/klm		Position		C=0.00 G=0.00		CG		Double Symmetrical	
Luminance cd/m2														Table 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	1190.39	1190.39	1190.39	1190.39	1190.39	1190.39	1190.39	1190.39	1190.39	1190.39	1190.39	1190.39	1190.39	1190.39	1190.39
G 5.0	1187.09	1187.00	1187.20	1187.35	1187.28	1187.01	1187.28	1187.35	1187.20	1187.00	1187.09	1187.66	1187.66	1188.44	1188.44
G 10.0	1181.96	1181.51	1182.37	1181.91	1181.22	1181.07	1181.22	1181.91	1182.37	1181.51	1181.96	1183.50	1183.50	1183.28	1183.28
G 15.0	1176.71	1174.15	1173.22	1174.54	1175.80	1176.01	1175.80	1174.54	1173.22	1174.15	1176.71	1178.40	1178.40	1176.91	1176.91
G 20.0	1164.89	1164.81	1168.14	1167.95	1166.12	1164.62	1166.12	1167.95	1168.14	1164.81	1164.89	1168.20	1168.20	1167.89	1167.89
G 25.0	1161.90	1157.22	1154.44	1155.99	1158.13	1158.91	1158.13	1155.99	1154.44	1157.22	1161.90	1164.16	1164.16	1161.22	1161.22
G 30.0	1150.55	1150.63	1151.31	1150.88	1148.53	1144.69	1148.53	1150.88	1151.31	1150.63	1150.55	1151.60	1151.60	1152.80	1152.80
G 35.0	1144.86	1140.28	1138.00	1139.94	1142.11	1142.60	1142.11	1139.94	1138.00	1140.28	1144.86	1147.93	1147.93	1146.39	1146.39
G 40.0	1128.94	1127.17	1126.99	1127.04	1127.69	1129.03	1127.69	1127.04	1126.99	1127.17	1128.94	1131.22	1131.22	1130.99	1130.99
G 45.0	1098.78	1096.99	1099.11	1097.16	1095.52	1095.08	1095.52	1097.16	1099.11	1096.99	1098.78	1102.58	1102.58	1098.54	1098.54
G 50.0	1056.06	1047.99	1049.04	1053.43	1054.26	1050.35	1054.26	1053.43	1049.04	1047.99	1056.06	1063.92	1063.92	1055.74	1055.74
G 55.0	1020.23	1022.85	1033.38	1027.56	1021.71	1019.76	1021.71	1027.56	1033.38	1022.85	1020.23	1028.63	1028.63	1027.72	1027.72
G 60.0	1013.75	999.80	996.11	1001.80	1008.93	1013.80	1008.93	1001.80	996.11	999.80	1013.75	1024.57	1024.57	1015.21	1015.21
G 65.0	660.61	709.76	808.92	773.31	691.51	630.84	691.51	773.31	808.92	709.76	660.61	660.59	660.59	657.84	657.84
G 70.0	125.85	124.99	114.93	121.35	126.38	126.71	126.38	121.35	114.93	124.99	125.85	116.72	116.72	121.76	121.76
G 75.0	124.04	125.84	126.55	125.44	124.60	124.90	124.60	125.44	126.55	125.84	124.04	122.98	122.98	124.00	124.00
G 80.0	138.22	138.34	137.66	138.38	139.21	139.39	139.21	138.38	137.66	138.34	138.22	137.53	137.53	138.37	138.37
G 85.0	189.90	190.34	190.42	190.72	191.67	193.09	191.67	190.72	190.42	190.34	189.90	189.24	189.24	189.89	189.89
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	0.00	0.00

Luminaire			Measurem.			Lamp				
Code	Pantalla GR D-60		Code	Pantalla GR D-60		Code	1xLED 9W 350mA			
Name	Pantalla GR D/60 North		Name	Pantalla GR D/60 North		Number	1			
Line	VIBIA-North		Date	13-01-2016		Position	Universal			
Luminaire Flux		830.69 lm	Luminaire Power		9.00 W	Efficacy	92.30 lm/W		Efficiency	79.80%
Lamps Flux		1041.03 lm	Maximum value		321.16 cd/klm	Position	C=0.00 G=0.00		CG	Double Symmetrical
Luminance cd/m2 Table 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	1190.39	1190.39	1190.39	1190.39	1190.39	1190.39	1190.39	1190.39	1190.39	1190.39
G 5.0	1188.40	1187.38	1188.40	1188.44	1187.66	1187.09	1187.00	1187.20	1187.35	1187.28
G 10.0	1183.14	1184.05	1183.14	1183.28	1183.50	1181.96	1181.51	1182.37	1181.91	1181.22
G 15.0	1175.20	1174.76	1175.20	1176.91	1178.40	1176.71	1174.15	1173.22	1174.54	1175.80
G 20.0	1167.74	1169.91	1167.74	1167.89	1168.20	1164.89	1164.81	1168.14	1167.95	1166.12
G 25.0	1157.78	1156.23	1157.78	1161.22	1164.16	1161.90	1157.22	1154.44	1155.99	1158.13
G 30.0	1152.87	1151.73	1152.87	1152.80	1151.60	1150.55	1150.63	1151.31	1150.88	1148.53
G 35.0	1141.49	1135.15	1141.49	1146.39	1147.93	1144.86	1140.28	1138.00	1139.94	1142.11
G 40.0	1129.24	1127.14	1129.24	1130.99	1131.22	1128.94	1127.17	1126.99	1127.04	1127.69
G 45.0	1095.79	1098.62	1095.79	1098.54	1102.58	1098.78	1096.99	1099.11	1097.16	1095.52
G 50.0	1049.93	1048.83	1049.93	1055.74	1063.92	1056.06	1047.99	1049.04	1053.43	1054.26
G 55.0	1027.28	1033.09	1027.28	1027.72	1028.63	1020.23	1022.85	1033.38	1027.56	1021.71
G 60.0	1002.90	997.32	1002.90	1015.21	1024.57	1013.75	999.80	996.11	1001.80	1008.93
G 65.0	678.45	741.61	678.45	657.84	660.59	660.61	709.76	808.92	773.31	691.51
G 70.0	123.54	113.68	123.54	121.76	116.72	125.85	124.99	114.93	121.35	126.38
G 75.0	125.20	125.62	125.20	124.00	122.98	124.04	125.84	126.55	125.44	124.60
G 80.0	137.39	133.58	137.39	138.37	137.53	138.22	138.34	137.66	138.38	139.21
G 85.0	190.38	190.49	190.38	189.89	189.24	189.90	190.34	190.42	190.72	191.67
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00