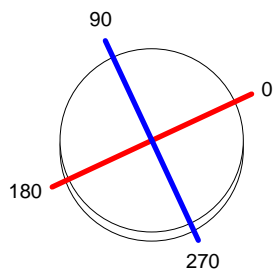


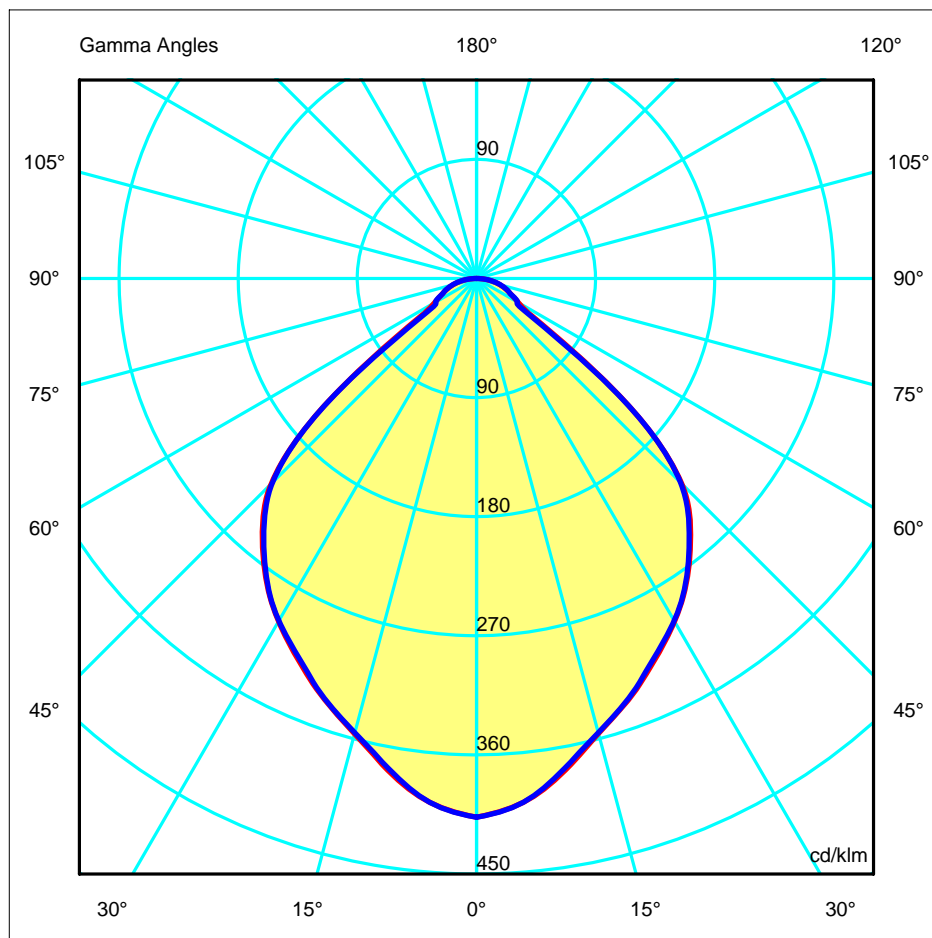
Luminaire			Measurem.			Lamp	
Code	Pantalla PE D-16		Code	Pantalla PE D-16		Code	1xLED 9W 350mA
Name	Pantalla PE D/16 North		Name	Pantalla PE D/16 North		Number	1
Line	VIBIA-North		Date	07-01-2016		Position	Universal
Luminaire Flux		766.49 lm	Luminaire Power		9.00 W	Efficacy	85.17 lm/W
Lamps Flux		1041.03 lm	Maximum value	407.00 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical
Round Luminaire		Diam.	165 mm		Height	135 mm	
Round Luminous Area		Diam.	163 mm		Height	0 mm	
Horizontal Luminous Area		0.020867 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°		0.005048 m2	
Coordinate system		CG	Symmetry Type		Double Symmetrical		
Date		07-01-2016	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		57.00 %	Photocell		Prc		
Notes							
Line		Code	Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
- VIBIA		1xLED 9W 350mA	Name Lámpara leds 9W		1041.03	9.00	1
C.I.E.	65 92 98 100 74	D DIN 5040		A50			
F UTE	0.74 C	B NBN		BZ 3 / 0.6 / BZ 2 / 2.5 / BZ 3			

Diam=165mm



C Halfplanes

180.0 — 0.0  
270.0 — 90.0

ULOR 0.00 %  
DLOR 73.63 %  
RN 0.00 %


<b>Luminaire</b>		<b>Measurem.</b>		<b>Lamp</b>	
Code	Pantalla PE D-16	Code	Pantalla PE D-16	Code	1xLED 9W 350mA
Name	Pantalla PE D/16 North	Name	Pantalla PE D/16 North	Number	1
Line	VIBIA-North	Date	07-01-2016	Position	Universal

Luminaire Flux	766.49 lm	Luminaire Power	9.00 W	Efficacy	85.17 lm/W	Efficiency	73.63%
Lamps Flux	1041.03 lm	Maximum value	407.00 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	407.00	407.00	407.00	407.00	407.00	407.00	407.00
G 5.0	397.71	398.04	398.08	398.27	397.39	398.00	397.64
G 10.0	378.60	378.13	378.12	377.46	377.90	377.75	376.96
G 15.0	355.96	355.77	356.05	357.55	354.86	357.01	355.21
G 20.0	337.77	337.90	337.42	336.28	337.08	337.53	337.16
G 25.0	318.21	317.72	317.84	318.70	317.37	319.14	316.73
G 30.0	299.17	298.94	299.21	298.10	298.02	299.10	298.69
G 35.0	277.34	277.91	277.79	276.81	275.66	276.65	276.54
G 40.0	251.61	251.85	251.59	251.35	248.32	249.05	249.86
G 45.0	219.30	220.47	220.41	215.90	208.06	205.95	217.91
G 50.0	151.60	153.11	156.94	153.81	111.91	130.22	150.94
G 55.0	60.68	57.99	54.20	52.47	50.04	53.39	53.65
G 60.0	36.65	35.76	35.95	36.20	35.28	36.28	35.72
G 65.0	28.91	28.90	28.89	29.00	29.16	29.33	29.28
G 70.0	24.12	24.01	24.04	24.20	24.30	24.39	24.36
G 75.0	18.41	18.34	18.39	18.73	18.51	18.72	18.60
G 80.0	12.92	13.20	13.31	13.16	13.39	13.31	13.50
G 85.0	6.78	6.69	6.67	7.22	6.73	7.17	6.63
G 90.0	0.56	0.57	0.62	0.76	0.79	0.87	0.83

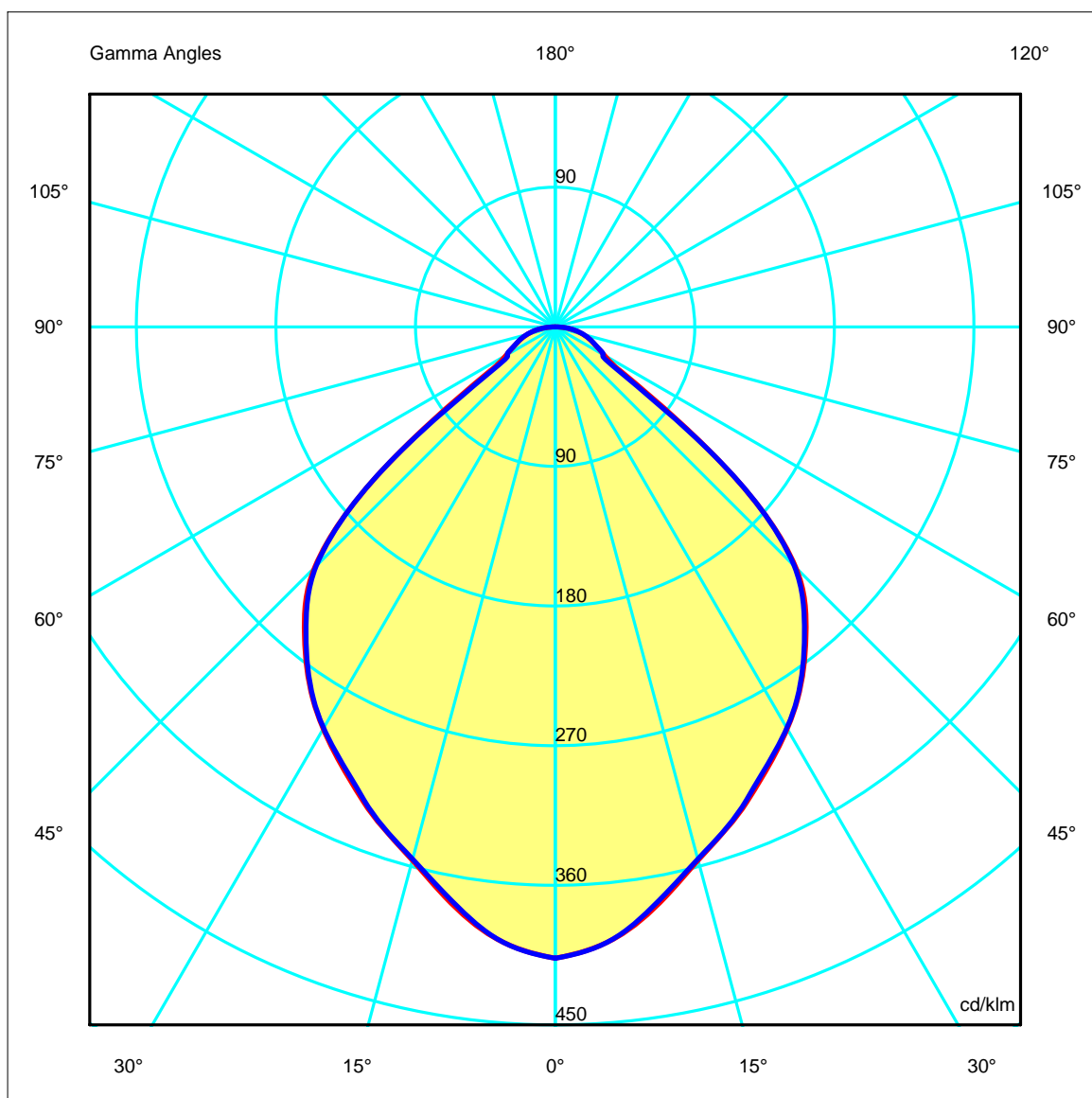
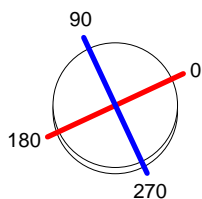
<b>Luminaire</b>		<b>Measurem.</b>		<b>Lamp</b>			
Code	Pantalla PE D-16	Code	Pantalla PE D-16	Code	1xLED 9W 350mA		
Name	Pantalla PE D/16 North	Name	Pantalla PE D/16 North	Number	1		
Line	VIBIA-North	Date	07-01-2016	Position	Universal		
Luminaire Flux	766.49 lm	Luminaire Power	9.00 W	Efficacy	85.17 lm/W	Efficiency	73.63%
Lamps Flux	1041.03 lm	Maximum value	407.00 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=165mm

C Halfplanes

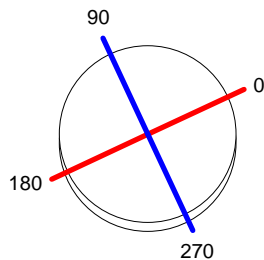
180.0 ————— 0.0

270.0 ————— 90.0



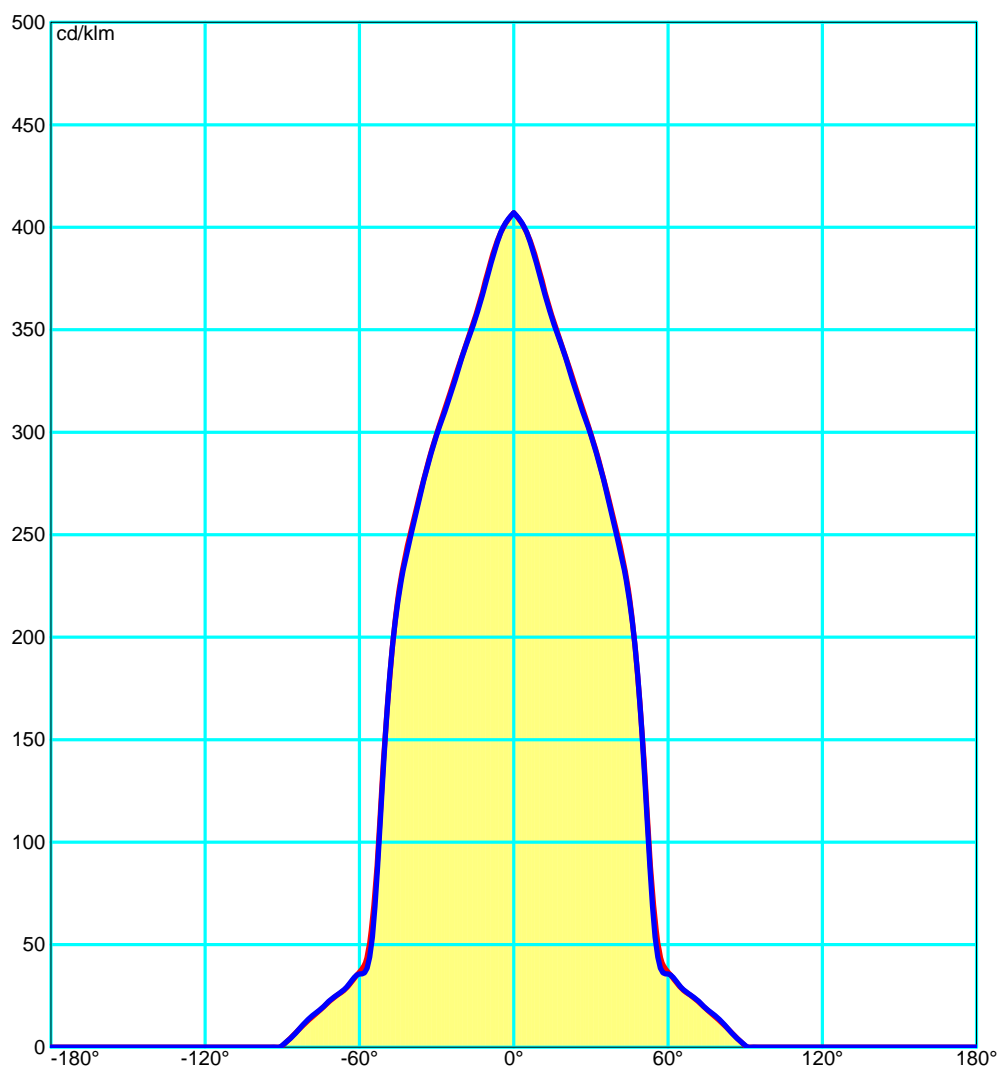
<b>Luminaire</b>		<b>Measurem.</b>		<b>Lamp</b>			
Code	Pantalla PE D-16	Code	Pantalla PE D-16	Code	1xLED 9W 350mA		
Name	Pantalla PE D/16 North	Name	Pantalla PE D/16 North	Number	1		
Line	VIBIA-North	Date	07-01-2016	Position	Universal		
Luminaire Flux	766.49 lm	Luminaire Power	9.00 W	Efficacy	85.17 lm/W	Efficiency	73.63%
Lamps Flux	1041.03 lm	Maximum value	407.00 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Diam=165mm



C Halfplanes

180.0 ————— 0.0  
 270.0 ————— 90.0



Luminaire		Measurem.				Lamp	
Code	Pantalla PE D-16	Code	Pantalla PE D-16			Code	1xLED 9W 350mA
Name	Pantalla PE D/16 North	Name	Pantalla PE D/16 North			Number	1
Line	VIBIA-North	Date	07-01-2016			Position	Universal
Luminaire Flux	766.49 lm	Luminaire Power	9.00 W	Efficacy	85.17 lm/W	Efficiency	73.63%
Lamps Flux	1041.03 lm	Maximum value	407.00 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Total Flux=1041.03 Luminaire Flux=766.49

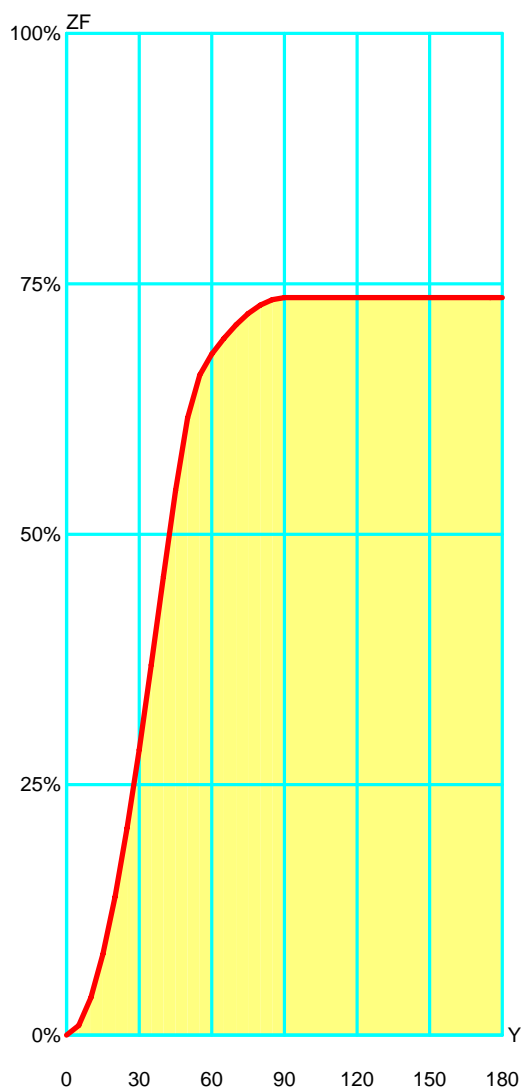
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.44	0.52	0.60	0.67	0.71	0.79	0.83	0.86	0.89	0.91	0.95	0.97
RC	3	3	2	2	2	2	2	2	2	2	3	3

	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)	37	138	285	458	616	680	709	729	736	736	736	736	736	736	736	736	736	736

CIE Flux Codes  
65 92 98 100 74

C.I.E. 3/3/2/2/2/2/2/2/3/3  
D DIN 5040 A50  
F UTE 0.74 C  
B NBN BZ 3 / 0.6 / BZ 2 / 2.5 / BZ 3  
RN 0.00000 %  
BLF 1.0

LOR 73.62766 %  
ULOR 0.00000 %  
DLOR 73.62766 %  
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°	9.62	9.62	1.31 %	1.31 %
10°	27.75	37.37	3.77 %	5.08 %
15°	43.54	80.91	5.91 %	10.99 %
20°	57.15	138.06	7.76 %	18.75 %
25°	68.73	206.79	9.33 %	28.09 %
30°	78.05	284.84	10.60 %	38.69 %
35°	84.77	369.61	11.51 %	50.20 %
40°	88.00	457.61	11.95 %	62.15 %
45°	86.17	543.78	11.70 %	73.86 %
50°	72.29	616.08	9.82 %	83.67 %
55°	42.85	658.93	5.82 %	89.49 %
60°	20.84	679.77	2.83 %	92.33 %
65°	15.80	695.57	2.15 %	94.47 %
70°	13.48	709.06	1.83 %	96.30 %
75°	11.17	720.22	1.52 %	97.82 %
80°	8.51	728.73	1.16 %	98.98 %
85°	5.47	734.20	0.74 %	99.72 %
90°	2.08	736.28	0.28 %	100.00 %
95°	0.00	736.28	0.00 %	100.00 %
100°	0.00	736.28	0.00 %	100.00 %
105°	0.00	736.28	0.00 %	100.00 %
110°	0.00	736.28	0.00 %	100.00 %
115°	0.00	736.28	0.00 %	100.00 %
120°	0.00	736.28	0.00 %	100.00 %
125°	0.00	736.28	0.00 %	100.00 %
130°	0.00	736.28	0.00 %	100.00 %
135°	0.00	736.28	0.00 %	100.00 %
140°	0.00	736.28	0.00 %	100.00 %
145°	0.00	736.28	0.00 %	100.00 %
150°	0.00	736.28	0.00 %	100.00 %
155°	0.00	736.28	0.00 %	100.00 %
160°	0.00	736.28	0.00 %	100.00 %
165°	0.00	736.28	0.00 %	100.00 %
170°	0.00	736.28	0.00 %	100.00 %
175°	0.00	736.28	0.00 %	100.00 %
180°	0.00	736.28	0.00 %	100.00 %

<b>Luminaire</b>			<b>Measurem.</b>			<b>Lamp</b>	
Code	Pantalla PE D-16		Code	Pantalla PE D-16		Code	1xLED 9W 350mA
Name	Pantalla PE D/16 North		Name	Pantalla PE D/16 North		Number	1
Line	VIBIA-North		Date	07-01-2016		Position	Universal
Luminaire Flux	766.49 lm	Luminaire Power	9.00 W	Efficacy	85.17 lm/W	Efficiency	73.63%
Lamps Flux	1041.03 lm	Maximum value	407.00 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
	18.8	19.9	19.1	20.1	19.9	18.4	19.4	18.7	19.7	19.9
	19.1	20.1	19.4	20.3	20.2	18.8	19.7	19.1	20.0	20.2
	19.3	20.2	19.6	20.5	20.5	19.0	19.9	19.3	20.2	20.5
	19.6	20.4	19.9	20.7	20.7	19.3	20.1	19.7	20.4	20.7
	19.7	20.5	20.0	20.8	20.9	19.5	20.3	19.8	20.5	20.9
	19.8	20.5	20.1	20.8	21.0	19.6	20.3	19.9	20.6	21.0
	18.8	19.7	19.1	20.0	19.9	18.4	19.3	18.8	19.6	19.9
	19.3	20.1	19.7	20.4	20.4	19.0	19.8	19.4	20.1	20.4
	19.7	20.3	20.0	20.7	20.8	19.4	20.1	19.8	20.4	20.8
	20.1	20.6	20.5	21.0	21.2	19.9	20.5	20.3	20.8	21.2
	20.3	20.8	20.7	21.2	21.4	20.1	20.6	20.5	21.0	21.4
	20.4	20.9	20.9	21.3	21.6	20.3	20.8	20.7	21.2	21.6
	19.8	20.3	20.3	20.7	20.9	19.6	20.1	20.0	20.5	20.9
	20.4	20.8	20.8	21.2	21.5	20.2	20.7	20.7	21.1	21.5
	20.7	21.0	21.2	21.5	21.8	20.5	20.9	21.0	21.4	21.8
	20.9	21.2	21.4	21.7	22.1	20.8	21.1	21.3	21.6	22.1
	19.8	20.3	20.3	20.7	20.9	19.6	20.1	20.1	20.5	20.9
	20.5	20.8	20.9	21.3	21.6	20.3	20.7	20.8	21.1	21.6
	20.8	21.1	21.2	21.5	21.9	20.6	21.0	21.1	21.4	21.9

<b>Luminaire</b>			<b>Measurem.</b>			<b>Lamp</b>	
Code	Pantalla PE D-16		Code	Pantalla PE D-16		Code	1xLED 9W 350mA
Name	Pantalla PE D/16 North		Name	Pantalla PE D/16 North		Number	1
Line	VIBIA-North		Date	07-01-2016		Position	Universal
Luminaire Flux	766.49 lm	Luminaire Power	9.00 W	Efficacy	85.17 lm/W	Efficiency	73.63%
Lamps Flux	1041.03 lm	Maximum value	407.00 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

#### Utilizations CIE

Mounting	Direct				Normalization				Normalised				Suspension Ratio/3								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	147	132	108	97	126	93	78	66	56	48	31	23	13	9	44	25	22	10	8	21	9	8	0					
0.80	171	156	113	104	149	99	99	86	63	56	37	30	18	13	52	31	28	15	12	27	13	11	0					
1.00	186	173	112	105	165	101	116	103	67	60	42	35	22	17	56	36	33	19	16	31	17	15	0					
1.25	201	189	110	104	180	100	133	121	70	64	46	39	28	22	60	40	37	24	21	36	22	19	0					
1.50	212	201	108	103	191	99	148	136	72	66	50	43	32	26	63	44	41	29	25	39	26	23	0					
2.00	226	217	101	98	207	95	169	158	73	69	55	49	39	34	65	49	47	36	33	45	33	30	0					
2.50	236	228	97	95	218	92	185	175	74	70	58	53	45	40	67	53	51	41	38	49	38	36	0					
3.00	243	236	94	92	226	90	197	188	74	71	61	56	49	44	68	56	54	46	43	52	43	40	0					
4.00	254	248	91	90	238	88	213	206	76	73	65	61	55	51	70	61	59	52	49	57	49	46	0					
5.00	261	256	90	89	245	87	225	218	77	75	67	64	59	55	72	64	62	56	53	60	53	50	0					
10.00	276	273	87	86	262	84	250	246	79	78	73	71	68	65	75	70	69	65	64	68	63	61	0					
20.00	283	282	84	84	271	83	264	262	79	79	76	75	73	72	77	74	73	71	70	72	69	67	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	301	293	251	246	289	243	228	222	196	193	165	162	142	140	191	162	161	141	140	160	140	140	124					
0.80	332	324	266	261	317	258	258	252	215	211	184	181	161	159	208	181	180	160	159	179	159	158	140					
1.00	350	341	270	265	333	261	278	271	223	220	195	191	173	171	216	191	190	171	170	188	170	168	148					
1.25	364	356	271	267	347	263	296	288	229	226	204	200	183	180	222	199	198	181	179	195	179	177	154					
1.50	375	368	271	268	356	263	310	302	233	230	210	206	191	188	225	205	203	188	186	201	185	183	158					
2.00	382	375	261	259	362	254	323	315	231	228	212	208	195	192	223	206	204	191	190	201	188	185	158					
2.50	387	381	255	253	366	248	332	324	229	227	213	209	198	195	220	206	205	194	192	201	190	186	157					
3.00	389	383	249	247	367	242	337	330	226	224	212	209	199	196	217	205	204	194	192	199	190	186	155					
4.00	400	395	249	248	378	243	353	346	230	228	218	216	208	205	221	211	210	202	200	205	197	192	159					
5.00	410	406	253	252	387	247	366	360	236	234	226	223	217	214	227	218	217	210	209	212	205	199	165					
10.00	443	441	272	271	420	266	407	403	260	259	253	252	247	245	250	245	244	240	238	237	233	226	189					
20.00	471	469	291	291	447	286	439	437	282	281	278	277	274	273	273	269	269	266	265	261	258	251	212					
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	509	501	475	469	495	466	421	415	405	401	364	361	335	333	399	361	360	334	333	359	333	333	322					
0.80	586	577	540	534	568	529	495	488	472	468	432	428	401	399	464	428	426	400	398	424	398	397	387					
1.00	646	636	588	583	625	577	555	547	525	521	487	482	457	454	515	481	480	455	453	477	453	451	441					
1.25	699	689	630	625	675	618	611	602	572	568	537	532	509	505	561	530	528	505	503	525	502	500	490					
1.50	737	727	658	653	711	646	652	642	605	601	573	567	546	542	593	565	563	541	539	559	538	535	525					
2.00	791	782	697	694	763	686	713	703	653	649	626	621	603	598	640	617	615	597	594	609	592	587	578					
2.50	825	817	720	717	796	709	751	742	682	678	659	654	639	633	668	648	646	631	628	640	625	619	611					
3.00	848	841	735	732	818	724	779	770	701	698	681	676	663	658	687	670	668	655	652	661	647	641	633					
4.00	876	870	751	749	844	741	812	803	723	720	706	702	691	686	708	694	692	681	679	683	672	664	657					
5.00	892	887	760	759	859	750	832	824	735	733	721	717	708	703	720	708	706	697	694	696	687	678	670					
10.00	927	924	779	778	892	769	876	871	760	759	752	750	744	741	744	737	736	730	729	723	718	706	698					
20.00	947	945	789	788	911	780	902	899	775	774	770	769	765	763	758	754	754	750	749	739	736	723	715					

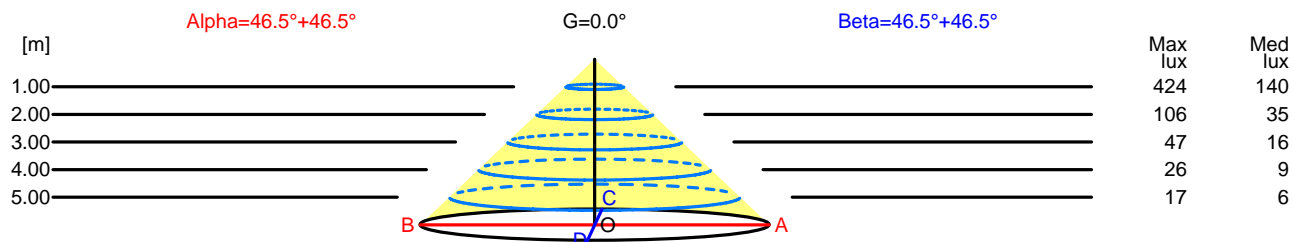
LM53 SHR C0-C180: 1.097 SHR C90-C270: 1.097 SHR Square: 1.252

<b>Luminaire</b>			<b>Measur.</b>			<b>Lamp</b>	
Code	Pantalla PE D-16		Code	Pantalla PE D-16		Code	1xLED 9W 350mA
Name	Pantalla PE D/16 North		Name	Pantalla PE D/16 North		Number	1
Line	VIBIA-North		Date	07-01-2016		Position	Universal
Luminaire Flux	766.49 lm	Luminaire Power	9.00 W	Efficacy	85.17 lm/W	Efficiency	73.63%
Lamps Flux	1041.03 lm	Maximum value	407.00 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	1.05	2.11	3.16	4.22	5.27	OC	1.05	2.10	3.16	4.21	5.26
OB	1.05	2.11	3.16	4.22	5.27	OD	1.05	2.10	3.16	4.21	5.26

	Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	423.70	414.03	370.57	331.26	288.72	228.30	63.17	30.10	19.16	7.05
OB	423.70	414.03	370.57	331.26	288.72	228.30	63.17	30.10	19.16	7.05
OC	423.70	413.96	369.78	329.73	287.88	226.85	55.85	30.48	19.37	6.90
OD	423.70	413.96	369.78	329.73	287.88	226.85	55.85	30.48	19.37	6.90



H[m]	D[m]	Max lux	Med lux	Alpha=46.5°+46.5°	G=0.0	
1.00	2.11	424	140			
2.00	4.22	106	35			
3.00	6.32	47	16			
4.00	8.43	26	9			
5.00	10.54	17	6			

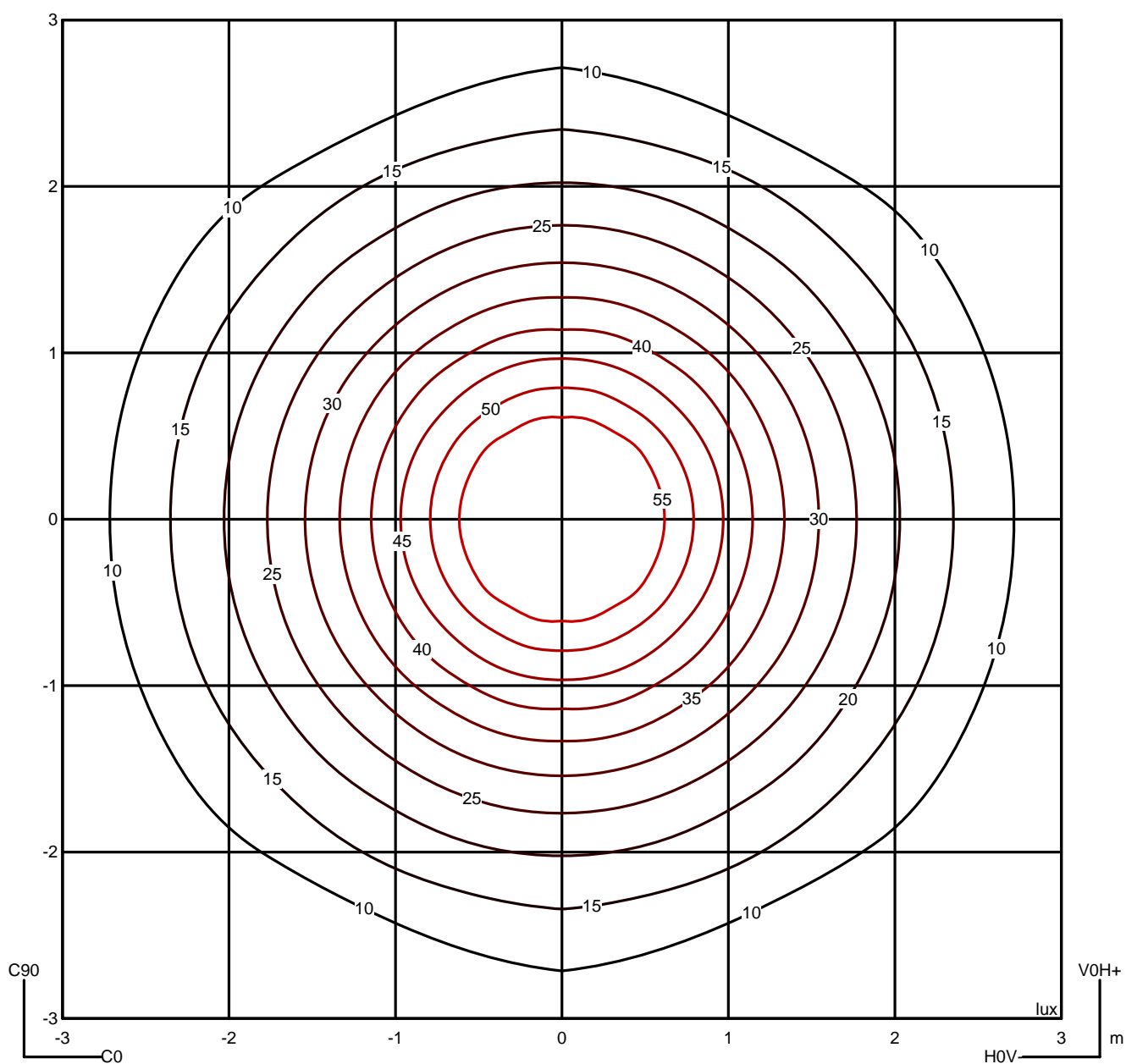
H[m]	D[m]	Max lux	Med lux	Beta=46.5°+46.5°	G=0.0	
1.00	2.10	424	140			
2.00	4.21	106	35			
3.00	6.31	47	16			
4.00	8.42	26	9			
5.00	10.52	17	6			



Luminaire			Measurem.			Lamp	
Code	Pantalla PE D-16		Code	Pantalla PE D-16		Code	1xLED 9W 350mA
Name	Pantalla PE D/16 North		Name	Pantalla PE D/16 North		Number	1
Line	VIBIA-North		Date	07-01-2016		Position	Universal
Luminaire Flux		766.49 lm	Luminaire Power		9.00 W	Efficacy	85.17 lm/W
						Efficiency	73.63%
Lamps Flux		1041.03 lm	Maximum value	407.00 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical

Isolux (Floor)

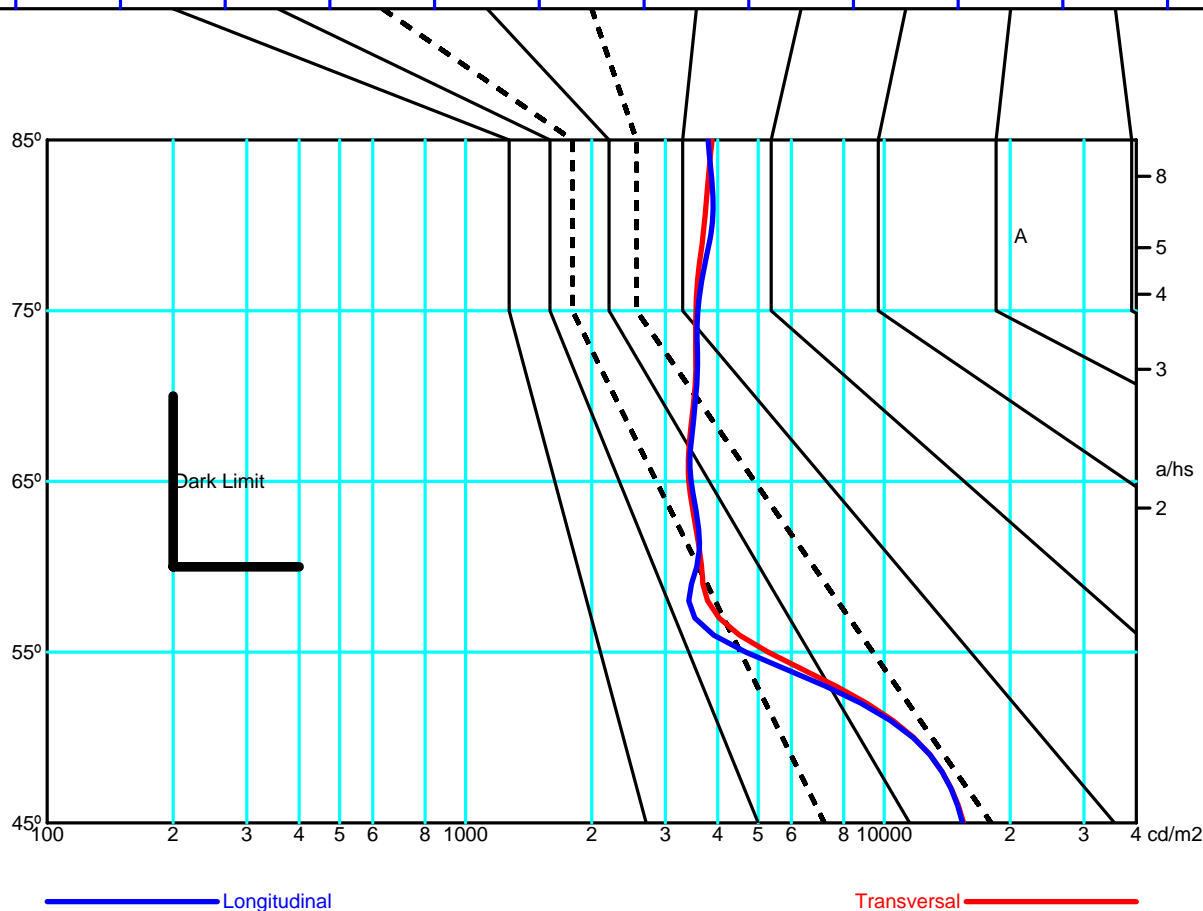
Luminaire position X=0.00m Y=0.00m Z=2.50m



Luminaire		Measurem.		Lamp			
Code	Pantalla PE D-16	Code	Pantalla PE D-16	Code	1xLED 9W 350mA		
Name	Pantalla PE D/16 North	Name	Pantalla PE D/16 North	Number	1		
Line	VIBIA-North	Date	07-01-2016	Position	Universal		
Luminaire Flux	766.49 lm	Luminaire Power	9.00 W	Efficacy	85.17 lm/W	Efficiency	73.63%
Lamps Flux	1041.03 lm	Maximum value	407.00 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

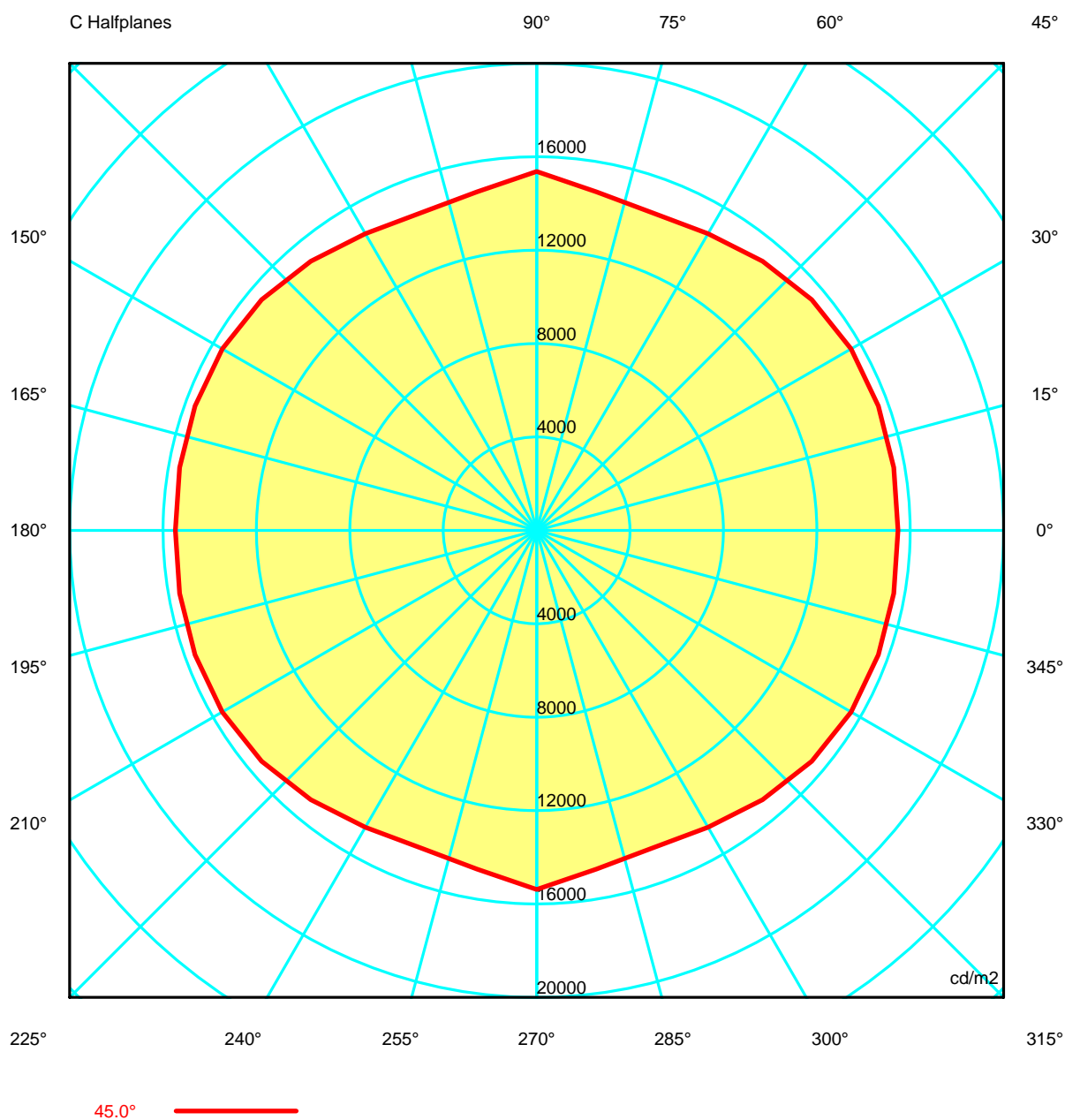
Average Luminance [cd/m²]										
0.0°	45°	50°	55°	60°	65°	70°	75°	80°	85°	---
90.0°	15472	11766	5278	3657	3413	3518	3548	3713	3878	---
	15374	11715	4666	3564	3456	3554	3586	3878	3795	---

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



<b>Luminaire</b>		<b>Measurem.</b>		<b>Lamp</b>			
Code	Pantalla PE D-16	Code	Pantalla PE D-16	Code	1xLED 9W 350mA		
Name	Pantalla PE D/16 North	Name	Pantalla PE D/16 North	Number	1		
Line	VIBIA-North	Date	07-01-2016	Position	Universal		
Luminaire Flux	766.49 lm	Luminaire Power	9.00 W	Efficacy	85.17 lm/W	Efficiency	73.63%
Lamps Flux	1041.03 lm	Maximum value	407.00 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire				Measurem.				Lamp							
Code	Pantalla PE D-16			Code	Pantalla PE D-16			Code	1xLED 9W 350mA						
Name	Pantalla PE D/16 North			Name	Pantalla PE D/16 North			Number	1						
Line	VIBIA-North			Date	07-01-2016			Position	Universal						
Luminaire Flux		766.49 lm		Luminaire Power		9.00 W		Efficacy		85.17 lm/W		Efficiency		73.63%	
Lamps Flux		1041.03 lm		Maximum value		407.00 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	20304.58	20304.58	20304.58	20304.58	20304.58	20304.58	20304.58	20304.58	20304.58	20304.58	20304.58	20304.58	20304.58	20304.58	
G 5.0	19917.26	19930.18	19934.10	19935.47	19947.72	19930.23	19900.96	19919.93	19932.85	19913.61	19932.85	19919.93	19900.96	19913.61	
G 10.0	19179.19	19159.75	19155.40	19155.20	19129.63	19124.55	19143.93	19143.95	19124.62	19096.29	19124.62	19143.95	19143.93	19124.62	
G 15.0	18384.96	18379.54	18369.62	18389.76	18462.91	18423.05	18328.15	18399.78	18436.62	18346.13	18436.62	18399.78	18328.15	18346.13	
G 20.0	17932.57	17938.51	17937.03	17913.89	17865.99	17858.44	17895.79	17917.80	17915.97	17900.02	17915.97	17917.80	17895.79	17900.02	
G 25.0	17516.02	17497.07	17483.48	17495.83	17540.74	17516.53	17469.77	17540.81	17551.62	17435.05	17551.62	17540.81	17469.77	17435.05	
G 30.0	17233.91	17220.16	17226.10	17236.26	17195.56	17159.03	17167.93	17213.35	17231.74	17206.28	17231.74	17213.35	17167.93	17206.28	
G 35.0	16891.07	16917.03	16928.45	16918.00	16884.72	16826.83	16788.81	16826.23	16856.35	16842.00	16856.35	16826.23	16788.81	16842.00	
G 40.0	16386.08	16401.34	16394.43	16384.66	16374.47	16305.34	16172.12	16186.26	16244.54	16272.12	16244.54	16186.26	16172.12	16272.12	
G 45.0	15472.38	15529.87	15574.56	15550.76	15378.18	15052.12	14679.05	14476.73	14725.38	15374.21	14725.38	14476.73	14679.05	15374.21	
G 50.0	11766.37	11842.05	11933.39	12180.88	12408.59	10831.58	8685.61	9300.71	10769.15	11714.68	10769.15	9300.71	8685.61	10769.15	
G 55.0	5278.18	5137.83	4927.66	4714.14	4620.28	4470.71	4352.38	4536.50	4651.35	4666.22	4651.35	4536.50	4352.38	4666.22	
G 60.0	3657.29	3588.79	3562.99	3586.85	3619.60	3577.70	3520.36	3585.77	3622.47	3564.28	3622.47	3585.77	3520.36	3622.47	
G 65.0	3412.80	3412.34	3410.63	3409.81	3417.35	3428.73	3441.93	3457.18	3462.46	3455.99	3462.46	3457.18	3441.93	3457.18	
G 70.0	3518.07	3505.55	3500.14	3506.24	3522.55	3536.29	3544.62	3554.05	3557.70	3553.98	3557.70	3554.05	3544.62	3557.70	
G 75.0	3547.93	3539.38	3530.65	3544.01	3596.44	3600.49	3567.65	3593.32	3610.62	3585.81	3610.62	3593.32	3567.65	3610.62	
G 80.0	3712.51	3768.29	3814.29	3824.63	3786.61	3797.67	3846.88	3832.52	3830.61	3877.94	3830.61	3832.52	3846.88	3877.94	
G 85.0	3878.28	3855.54	3791.35	3818.81	4075.17	4056.79	3850.46	4023.29	4078.09	3794.98	4078.09	4023.29	3850.46	4078.09	
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 PE D-16			Code	Pantalla PE D-16			Code	1xLED 9W 350mA						
Name	Pantalla PE D/16 North			Name	Pantalla PE D/16 North			Number	1						
Line	VIBIA-North			Date	07-01-2016			Position	Universal						
Luminaire Flux		766.49 lm		Luminaire Power		9.00 W		Efficacy		85.17 lm/W		Efficiency		73.63%	
Lamps Flux		1041.03 lm		Maximum value		407.00 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	20304.58	20304.58	20304.58	20304.58	20304.58	20304.58	20304.58	20304.58	20304.58	20304.58	20304.58	20304.58	20304.58	20304.58	20304.58
G 5.0	19930.23	19947.72	19935.47	19934.10	19930.18	19917.26	19930.18	19934.10	19935.47	19947.72	19930.23	19900.96	19919.93	19919.93	19919.93
G 10.0	19124.55	19129.63	19155.20	19155.40	19159.75	19179.19	19159.75	19155.40	19155.20	19129.63	19124.55	19143.93	19143.93	19143.95	19143.95
G 15.0	18423.05	18462.91	18389.76	18369.62	18379.54	18384.96	18379.54	18369.62	18389.76	18462.91	18423.05	18328.15	18399.78	18399.78	18399.78
G 20.0	17858.44	17865.99	17913.89	17937.03	17938.51	17932.57	17938.51	17937.03	17913.89	17865.99	17858.44	17895.79	17917.80	17917.80	17917.80
G 25.0	17516.53	17540.74	17495.83	17483.48	17497.07	17516.02	17497.07	17483.48	17495.83	17540.74	17516.53	17469.77	17540.81	17540.81	17540.81
G 30.0	17159.03	17195.56	17236.26	17226.10	17220.16	17233.91	17220.16	17226.10	17236.26	17195.56	17159.03	17167.93	17213.35	17213.35	17213.35
G 35.0	16826.83	16884.72	16918.00	16928.45	16917.03	16891.07	16917.03	16928.45	16918.00	16884.72	16826.83	16788.81	16826.23	16826.23	16826.23
G 40.0	16305.34	16374.47	16384.66	16394.43	16401.34	16386.08	16401.34	16394.43	16384.66	16374.47	16305.34	16172.12	16186.26	16186.26	16186.26
G 45.0	15052.12	15378.18	15550.76	15574.56	15529.87	15472.38	15529.87	15574.56	15550.76	15378.18	15052.12	14679.05	14476.73	14476.73	14476.73
G 50.0	10831.58	12408.59	12180.88	11933.39	11842.05	11766.37	11842.05	11933.39	12180.88	12408.59	10831.58	8685.61	9300.71	9300.71	9300.71
G 55.0	4470.71	4620.28	4714.14	4927.66	5137.83	5278.18	5137.83	4927.66	4714.14	4620.28	4470.71	4352.38	4536.50	4536.50	4536.50
G 60.0	3577.70	3619.60	3586.85	3562.99	3588.79	3657.29	3588.79	3562.99	3586.85	3619.60	3577.70	3520.36	3585.77	3585.77	3585.77
G 65.0	3428.73	3417.35	3409.81	3410.63	3412.34	3412.80	3412.34	3410.63	3409.81	3417.35	3428.73	3441.93	3457.18	3457.18	3457.18
G 70.0	3536.29	3522.55	3506.24	3500.14	3505.55	3518.07	3505.55	3500.14	3506.24	3522.55	3536.29	3544.62	3554.05	3554.05	3554.05
G 75.0	3600.49	3596.44	3544.01	3530.65	3539.38	3547.93	3539.38	3530.65	3544.01	3596.44	3600.49	3567.65	3593.32	3593.32	3593.32
G 80.0	3797.67	3786.61	3824.63	3814.29	3768.29	3712.51	3768.29	3814.29	3824.63	3786.61	3797.67	3846.88	3832.52	3832.52	3832.52
G 85.0	4056.79	4075.17	3818.81	3791.35	3855.54	3878.28	3855.54	3791.35	3818.81	4075.17	4056.79	3850.46	4023.29	4023.29	4023.29
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

<b>Luminaire</b>		<b>Measur.</b>				<b>Lamp</b>				
Code	Pantalla PE D-16	Code	Pantalla PE D-16		Code	1xLED 9W 350mA				
Name	Pantalla PE D/16 North	Name	Pantalla PE D/16 North		Number	1				
Line	VIBIA-North	Date	07-01-2016		Position	Universal				
Luminaire Flux		766.49 lm	Luminaire Power	9.00 W	Efficacy	85.17 lm/W	Efficiency	73.63%		
Lamps Flux		1041.03 lm	Maximum value	407.00 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	20304.58	20304.58	20304.58	20304.58	20304.58	20304.58	20304.58	20304.58	20304.58	20304.58
G 5.0	19932.85	19913.61	19932.85	19919.93	19900.96	19930.23	19947.72	19935.47	19934.10	19930.18
G 10.0	19124.62	19096.29	19124.62	19143.95	19143.93	19124.55	19129.63	19155.20	19155.40	19159.75
G 15.0	18436.62	18346.13	18436.62	18399.78	18328.15	18423.05	18462.91	18389.76	18369.62	18379.54
G 20.0	17915.97	17900.02	17915.97	17917.80	17895.79	17858.44	17865.99	17913.89	17937.03	17938.51
G 25.0	17551.62	17435.05	17551.62	17540.81	17469.77	17516.53	17540.74	17495.83	17483.48	17497.07
G 30.0	17231.74	17206.28	17231.74	17213.35	17167.93	17159.03	17195.56	17236.26	17226.10	17220.16
G 35.0	16856.35	16842.00	16856.35	16826.23	16788.81	16826.83	16884.72	16918.00	16928.45	16917.03
G 40.0	16244.54	16272.12	16244.54	16186.26	16172.12	16305.34	16374.47	16384.66	16394.43	16401.34
G 45.0	14725.38	15374.21	14725.38	14476.73	14679.05	15052.12	15378.18	15550.76	15574.56	15529.87
G 50.0	10769.15	11714.68	10769.15	9300.71	8685.61	10831.58	12408.59	12180.88	11933.39	11842.05
G 55.0	4651.35	4666.22	4651.35	4536.50	4352.38	4470.71	4620.28	4714.14	4927.66	5137.83
G 60.0	3622.47	3564.28	3622.47	3585.77	3520.36	3577.70	3619.60	3586.85	3562.99	3588.79
G 65.0	3462.46	3455.99	3462.46	3457.18	3441.93	3428.73	3417.35	3409.81	3410.63	3412.34
G 70.0	3557.70	3553.98	3557.70	3554.05	3544.62	3536.29	3522.55	3506.24	3500.14	3505.55
G 75.0	3610.62	3585.81	3610.62	3593.32	3567.65	3600.49	3596.44	3544.01	3530.65	3539.38
G 80.0	3830.61	3877.94	3830.61	3832.52	3846.88	3797.67	3786.61	3824.63	3814.29	3768.29
G 85.0	4078.09	3794.98	4078.09	4023.29	3850.46	4056.79	4075.17	3818.81	3791.35	3855.54
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00