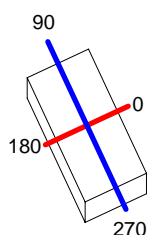


Luminaire			Measurem.			Lamp		
Code	0937		Code	0937		Code	13 led 700mA 3W	
Name	Hanging lamp 13x100		Name	Hanging lamp 13x100		Number	1	
Line	VIBIA-Slim		Date	11-12-2012		Position	Universal	
Efficiency			48.27%		Coordinate system		CG	
Total Flux			2356.00 lm					
Maximum value			362.32 cd/klm		Position		C=0.00 G=0.00	
Double Symmetrical								
Rectangular Luminaire			Length		527 mm		Width	
Rectangular Luminous Area			Length		527 mm		Width	
Horizontal Luminous Area			0.137020 m2		Emitting area on Plane 180°		0.005270 m2	
Emitting area on Plane 0°			0.005270 m2		Emitting area on Plane 270°		0.002600 m2	
Emitting area on Plane 90°			0.002600 m2		Glare area at 76°		0.038262 m2	
Symmetry Type			Double Symmetrical		Maximum Gamma Angle		180	
Measurement Distance			0.00		Measurement Flux		2356.00 lm	
Operator			Asselum		Source voltage		230.00 V	
Temperature			20.00 °C		Source current			
Humidity			50.00 %		Photocell			
Notes								
Luminaire Lamps								
Line			Code		Name		Flux [lm]	
- VIBIA			13 led 700mA 3W		13 led 700mA 3W		2356.00	
Pow. [W]			39.00		Q.ty		1	
C.I.E.			66 83 94 90 48		D DIN 5040		B51	
F UTE			0.44 C + 0.05 T		B NBN		BZ 1 / 0.6 / BZ 2 / 1.5 / BZ 3	

527mm x 260mm



C Halfplanes

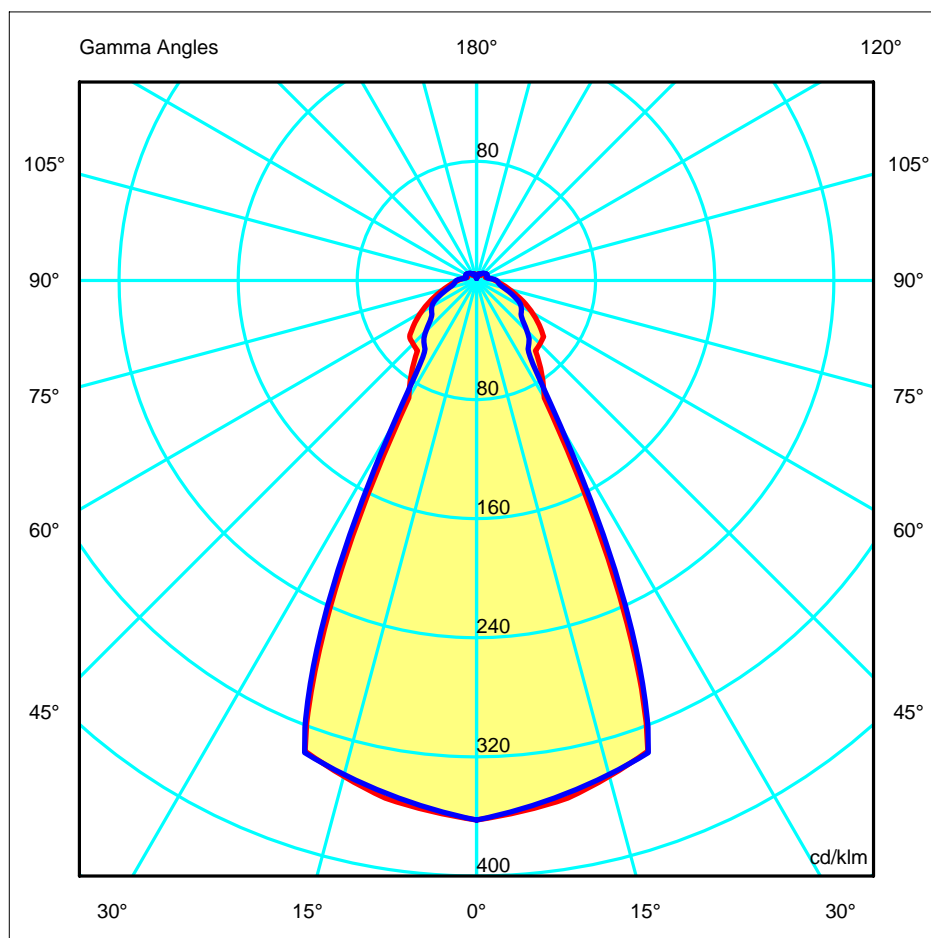
180.0 — 0.0

270.0 — 90.0

ULOR 4.72 %

DLOR 43.56 %

RN 9.77 %

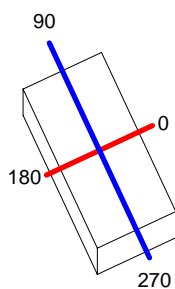


Luminaire		Measur.		Lamp						
Code	0937	Code	0937	Code	13 led 700mA 3W					
Name	Hanging lamp 13x100	Name	Hanging lamp 13x100	Number	1					
Line	VIBIA-Slim	Date	11-12-2012	Position	Universal					
Efficiency	48.27%	Coordinate system	CG	Total Flux	2356.00 lm					
Maximum value	362.32 cd/klm	Position	C=0.00 G=0.00	Double Symmetrical						
Luminous Intensity Table cd/klm Table 1/1										
	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
G 0.0	362.32	362.32	362.32	362.32	362.32	362.32	362.32	362.32	362.32	362.32
G 10.0	353.03	355.51	353.37	355.39	357.69	358.59	359.78	354.21	355.91	349.64
G 20.0	336.41	335.56	343.80	339.76	333.44	328.22	326.60	326.20	333.93	337.44
G 30.0	90.95	96.19	99.21	101.94	95.57	93.83	100.83	94.16	99.06	112.68
G 40.0	61.62	63.10	60.45	58.70	59.30	53.33	55.10	52.91	51.14	54.95
G 50.0	58.77	57.94	58.58	56.18	48.27	48.94	50.54	41.47	42.12	39.98
G 60.0	43.30	41.73	44.93	40.46	40.68	42.06	33.69	35.98	34.43	34.67
G 70.0	28.59	30.68	28.26	28.96	28.04	26.27	25.83	27.48	27.82	24.05
G 80.0	18.55	19.07	17.89	17.24	17.33	17.07	14.78	19.31	16.81	15.84
G 90.0	12.59	12.62	11.61	11.61	11.92	13.04	12.12	11.07	11.33	13.59
G100.0	9.01	9.82	10.00	8.83	9.93	8.85	8.77	8.78	8.86	8.38
G110.0	6.37	8.15	8.35	7.36	8.62	8.43	9.57	7.90	8.89	7.32
G120.0	7.91	8.51	7.06	8.24	6.67	7.19	7.91	7.53	7.32	8.25
G130.0	6.97	6.00	6.87	6.92	6.55	6.47	6.44	7.72	5.49	7.19
G140.0	5.10	6.03	5.52	5.97	6.41	7.55	6.02	5.77	5.73	6.43
G150.0	4.01	4.96	6.48	6.69	6.24	5.95	5.33	5.48	5.92	4.67
G160.0	4.99	4.99	4.39	3.91	4.01	4.03	3.89	4.14	4.73	4.84
G170.0	3.59	3.18	2.70	2.41	2.39	2.38	2.73	2.66	2.50	2.34
G180.0	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46

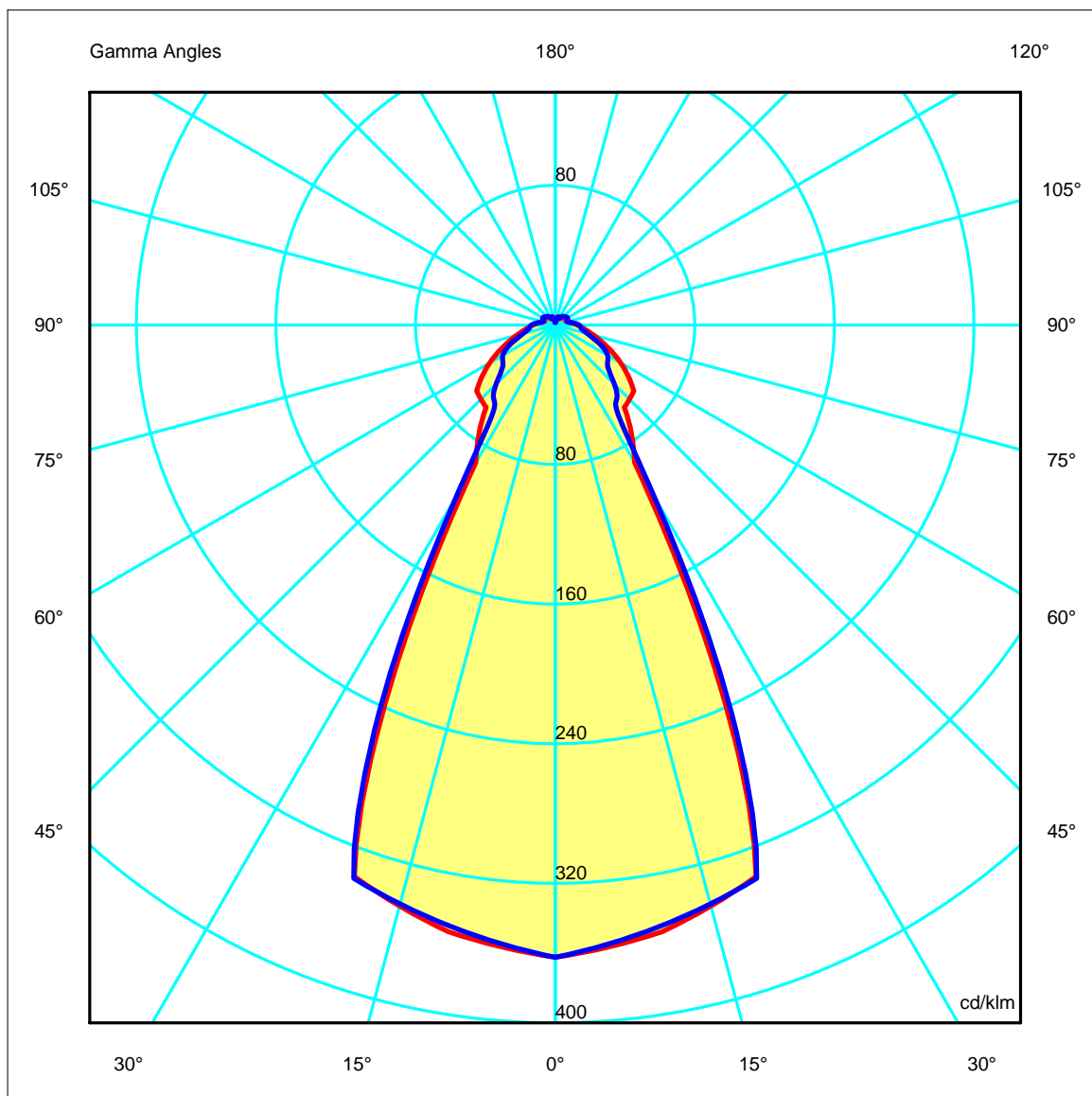
Luminaire		Measurem.		Lamp	
Code	0937	Code	0937	Code	13 led 700mA 3W
Name	Hanging lamp 13x100	Name	Hanging lamp 13x100	Number	1
Line	VIBIA-Slim	Date	11-12-2012	Position	Universal
Efficiency	48.27%	Coordinate system	CG	Total Flux	2356.00 lm
Maximum value	362.32 cd/klm	Position	C=0.00 G=0.00	Double Symmetrical	

527mm x 260mm

C Halfplanes

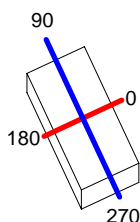


180.0 ————— 0.0
 270.0 ————— 90.0



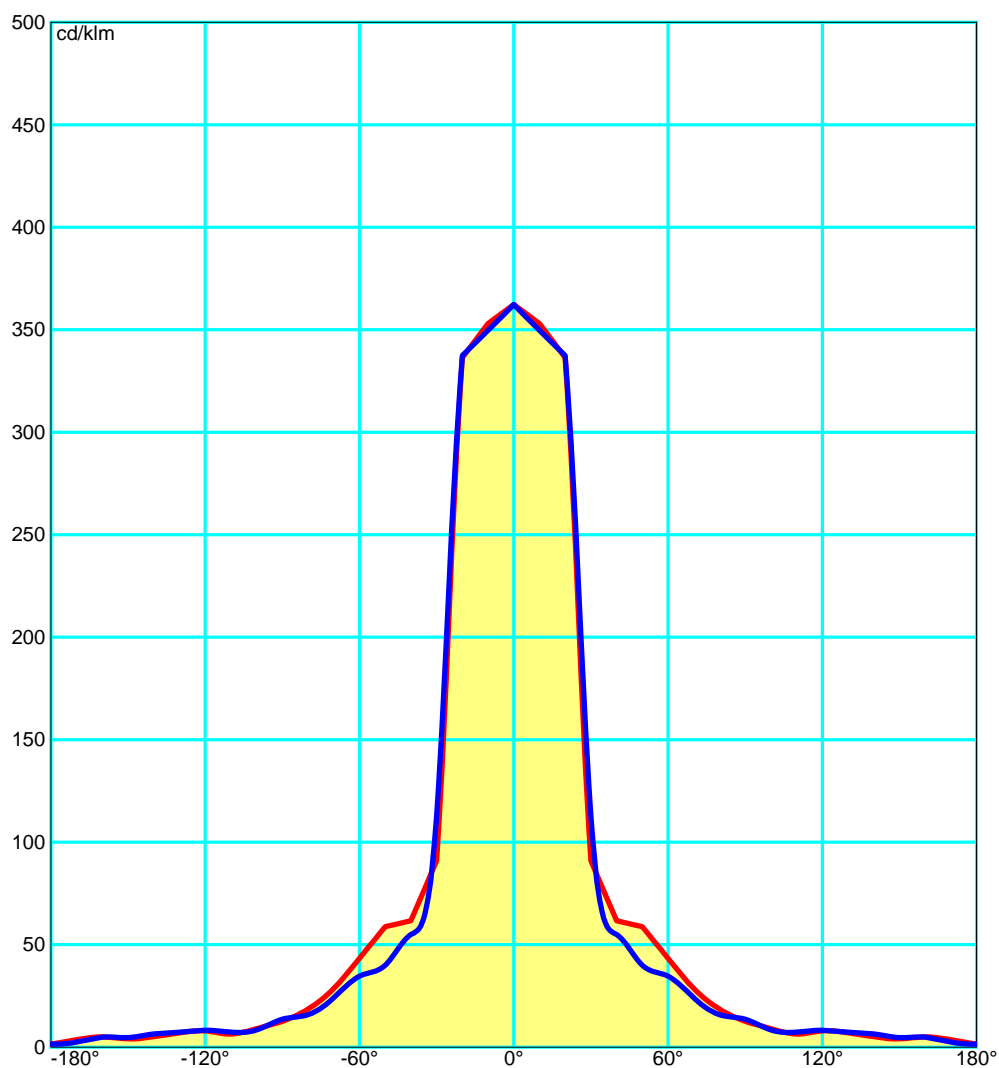
Luminaire		Measur.		Lamp	
Code	0937	Code	0937	Code	13 led 700mA 3W
Name	Hanging lamp 13x100	Name	Hanging lamp 13x100	Number	1
Line	VIBIA-Slim	Date	11-12-2012	Position	Universal
Efficiency	48.27%	Coordinate system	CG	Total Flux	2356.00 lm
Maximum value	362.32 cd/klm	Position	C=0.00 G=0.00	Double Symmetrical	

527mm x 260mm



C Halfplanes

180.0 ————— 0.0
 270.0 ————— 90.0



Luminaire		Measur.		Lamp	
Code	0937	Code	0937	Code	13 led 700mA 3W
Name	Hanging lamp 13x100	Name	Hanging lamp 13x100	Number	1
Line	VIBIA-Slim	Date	11-12-2012	Position	Universal
Efficiency	48.27%	Coordinate system	CG	Total Flux	2356.00 lm
Maximum value	362.32 cd/klm	Position	C=0.00 G=0.00	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	11.5	12.5	11.9	12.9	12.0	10.3	11.3	10.7	11.6	12.0
x=2H y=3H	13.4	14.3	13.8	14.7	14.2	12.4	13.3	12.9	13.8	14.2
x=2H y=4H	14.3	15.1	14.7	15.5	15.2	13.4	14.3	13.9	14.7	15.2
x=2H y=6H	15.2	15.9	15.6	16.4	16.1	14.3	15.1	14.8	15.6	16.1
x=2H y=8H	15.6	16.4	16.1	16.8	16.6	14.8	15.6	15.3	16.0	16.6
x=2H y=12H	16.1	16.8	16.6	17.3	17.1	15.4	16.1	15.9	16.6	17.1
x=4H y=2H	12.2	13.0	12.7	13.5	13.1	11.3	12.1	11.8	12.6	13.1
x=4H y=3H	14.2	15.0	14.7	15.5	15.3	13.5	14.2	14.0	14.7	15.3
x=4H y=4H	15.3	15.9	15.8	16.4	16.4	14.7	15.3	15.2	15.8	16.4
x=4H y=6H	16.3	16.9	16.9	17.4	17.5	15.8	16.4	16.4	16.9	17.5
x=4H y=8H	16.9	17.4	17.5	17.9	18.1	16.4	16.9	16.9	17.4	18.1
x=4H y=12H	17.5	18.0	18.1	18.5	18.7	17.0	17.5	17.6	18.1	18.7
x=8H y=4H	15.7	16.2	16.2	16.7	16.8	15.1	15.6	15.7	16.2	16.8
x=8H y=6H	16.9	17.3	17.5	17.9	18.1	16.4	16.9	17.0	17.5	18.1
x=8H y=8H	17.6	18.0	18.2	18.6	18.9	17.2	17.6	17.8	18.2	18.9
x=8H y=12H	18.4	18.7	19.0	19.3	19.7	18.1	18.4	18.7	19.0	19.7
x=12H y=4H	15.7	16.2	16.3	16.7	16.9	15.2	15.7	15.8	16.2	16.9
x=12H y=6H	17.1	17.4	17.7	18.0	18.3	16.6	17.0	17.3	17.6	18.3
x=12H y=8H	17.8	18.1	18.5	18.8	19.1	17.4	17.8	18.1	18.4	19.1

Luminaire		Measurem.		Lamp	
Code	0937	Code	0937	Code	13 led 700mA 3W
Name	Hanging lamp 13x100	Name	Hanging lamp 13x100	Number	1
Line	VIBIA-Slim	Date	11-12-2012	Position	Universal
Efficiency	48.27%	Coordinate system	CG	Total Flux	2356.00 lm
Maximum value	362.32 cd/klm	Position	C=0.00 G=0.00	Double Symmetrical	

Total Flux=2356.00 Luminaire Flux=1137.31

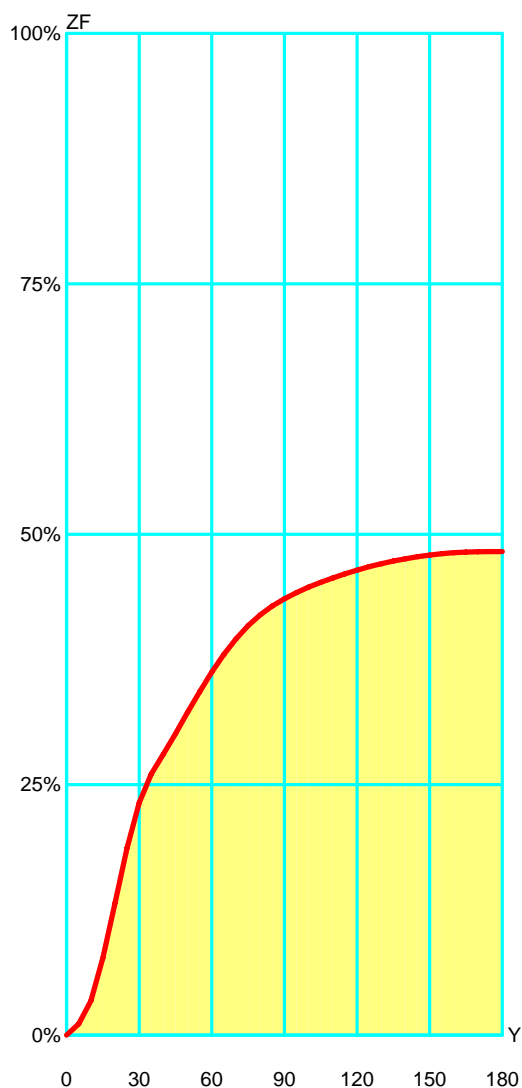
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.47	0.53	0.59	0.64	0.68	0.75	0.80	0.83	0.87	0.89	0.94	0.98
RC	2	2	3	3	3	3	3	3	3	3	3	2

		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)		34	132	232	281	322	362	396	419	436	447	456	464	471	476	479	482	483	483

CIE Flux Codes
66 83 94 90 48

C.I.E. 2/2/3/3/3/3/3/3/2
D DIN 5040 B51
F UTE 0.44 C + 0.05 T
B NBN BZ 1 / 0.6 / BZ 2 / 1.5 / BZ 3
RN 9.77037 %
BLF 1.0

LOR 48.27311 %
ULOR 4.71646 %
DLOR 43.55665 %
UFF 9.77037 %
DFF 90.22963 %
FFR 10.82834 %



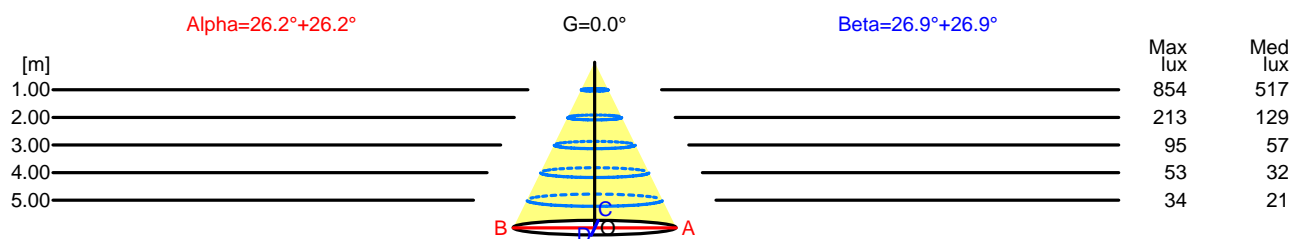
Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	11.17	11.17	2.31 %	2.31 %
10°	23.10	34.27	4.78 %	7.10 %
15°	42.95	77.22	8.90 %	16.00 %
20°	54.78	132.01	11.35 %	27.35 %
25°	54.97	186.98	11.39 %	38.73 %
30°	44.98	231.96	9.32 %	48.05 %
35°	28.68	260.64	5.94 %	53.99 %
40°	20.00	280.64	4.14 %	58.14 %
45°	20.33	300.98	4.21 %	62.35 %
50°	21.22	322.19	4.40 %	66.74 %
55°	20.71	342.91	4.29 %	71.03 %
60°	19.48	362.38	4.03 %	75.07 %
65°	17.70	380.09	3.67 %	78.74 %
70°	15.53	395.61	3.22 %	81.95 %
75°	13.09	408.70	2.71 %	84.66 %
80°	10.80	419.50	2.24 %	86.90 %
85°	8.80	428.30	1.82 %	88.72 %
90°	7.27	435.57	1.51 %	90.23 %
95°	6.19	441.75	1.28 %	91.51 %
100°	5.39	447.14	1.12 %	92.63 %
105°	4.81	451.95	1.00 %	93.62 %
110°	4.40	456.35	0.91 %	94.53 %
115°	4.10	460.44	0.85 %	95.38 %
120°	3.77	464.21	0.78 %	96.16 %
125°	3.39	467.60	0.70 %	96.87 %
130°	3.00	470.60	0.62 %	97.49 %
135°	2.62	473.22	0.54 %	98.03 %
140°	2.30	475.51	0.48 %	98.50 %
145°	2.01	477.52	0.42 %	98.92 %
150°	1.70	479.22	0.35 %	99.27 %
155°	1.34	480.56	0.28 %	99.55 %
160°	0.98	481.54	0.20 %	99.75 %
165°	0.64	482.18	0.13 %	99.89 %
170°	0.35	482.53	0.07 %	99.96 %
175°	0.15	482.68	0.03 %	99.99 %
180°	0.05	482.73	0.01 %	100.00 %

Luminaire		Measur.		Lamp	
Code	0937	Code	0937	Code	13 led 700mA 3W
Name	Hanging lamp 13x100	Name	Hanging lamp 13x100	Number	1
Line	VIBIA-Slim	Date	11-12-2012	Position	Universal
Efficiency	48.27%	Coordinate system	CG	Total Flux	2356.00 lm
Maximum value	362.32 cd/klm	Position	C=0.00 G=0.00	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	0.49	0.98	1.48	1.97	2.46	OC	0.51	1.01	1.52	2.03	2.53
OB	0.49	0.98	1.48	1.97	2.46	OD	0.51	1.01	1.52	2.03	2.53

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	853.63	842.68	812.16	506.68	179.74	141.83	120.26	83.84	54.05	35.69
OB	853.63	842.68	812.16	506.68	179.74	141.83	120.26	83.84	54.05	35.69
OC	853.63	838.69	809.38	540.51	148.27	112.95	86.28	70.77	44.79	34.53
OD	853.63	838.69	809.38	540.51	148.27	112.95	86.28	70.77	44.79	34.53



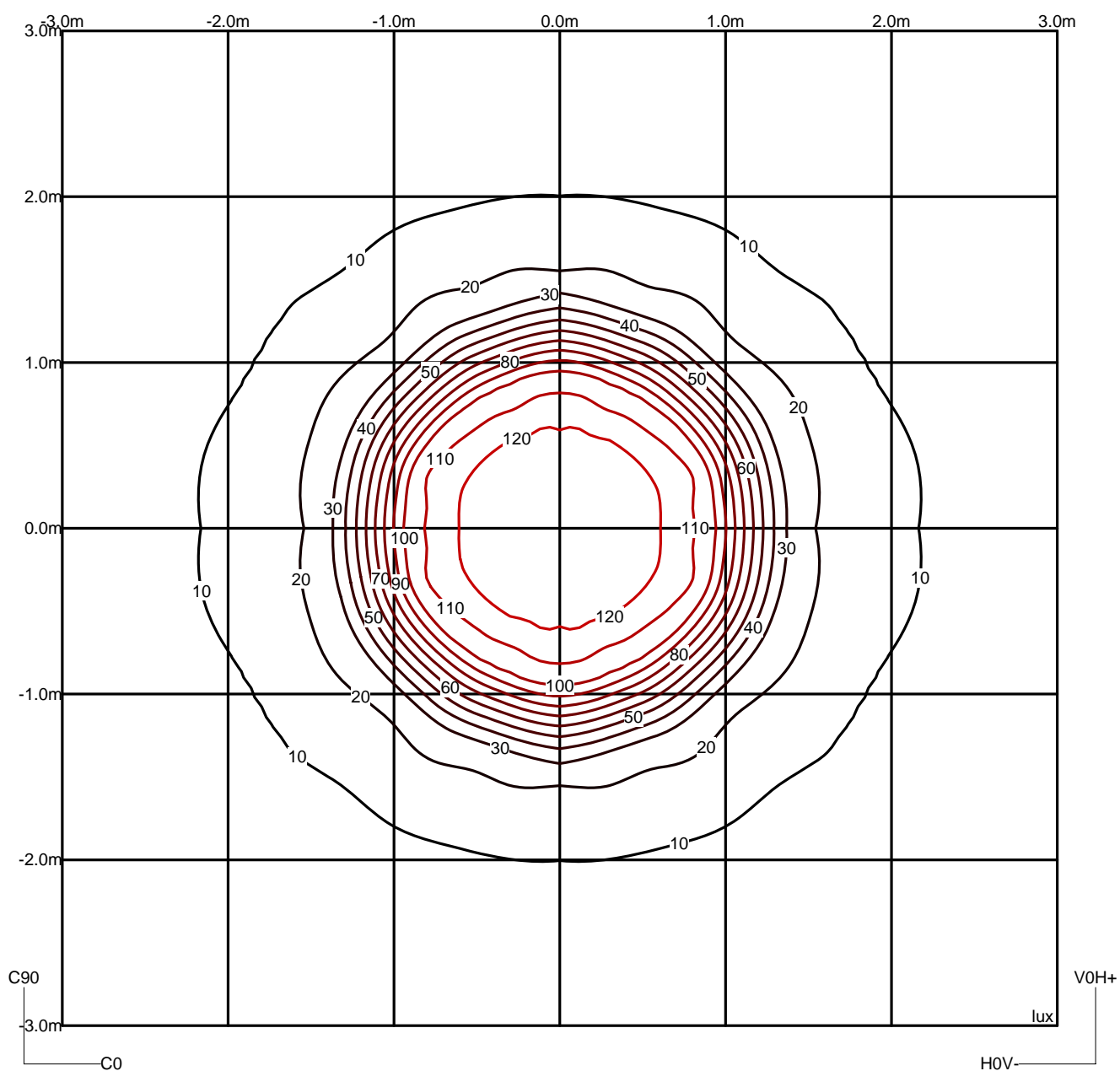
H[m]	D[m]	Max lux	Med lux	Alpha=26.2°+26.2°	G=0.0	
1.00	0.98	854	517			
2.00	1.97	213	129			
3.00	2.95	95	57			
4.00	3.94	53	32			
5.00	4.92	34	21			

H[m]	D[m]	Max lux	Med lux	Beta=26.9°+26.9°	G=0.0	
1.00	1.01	854	517			
2.00	2.03	213	129			
3.00	3.04	95	57			
4.00	4.06	53	32			
5.00	5.07	34	21			

Luminaire		Measurem.		Lamp	
Code	0937	Code	0937	Code	13 led 700mA 3W
Name	Hanging lamp 13x100	Name	Hanging lamp 13x100	Number	1
Line	VIBIA-Slim	Date	11-12-2012	Position	Universal
Efficiency	48.27%	Coordinate system	CG	Total Flux	2356.00 lm
Maximum value	362.32 cd/klm	Position	C=0.00 G=0.00	Double Symmetrical	

Isolux (Floor)

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



Luminaire		Measurem.		Lamp	
Code	0937	Code	0937	Code	13 led 700mA 3W
Name	Hanging lamp 13x100	Name	Hanging lamp 13x100	Number	1
Line	VIBIA-Slim	Date	11-12-2012	Position	Universal
Efficiency	48.27%	Coordinate system	CG	Total Flux	2356.00 lm
Maximum value	362.32 cd/klm	Position	C=0.00 G=0.00	Double Symmetrical	

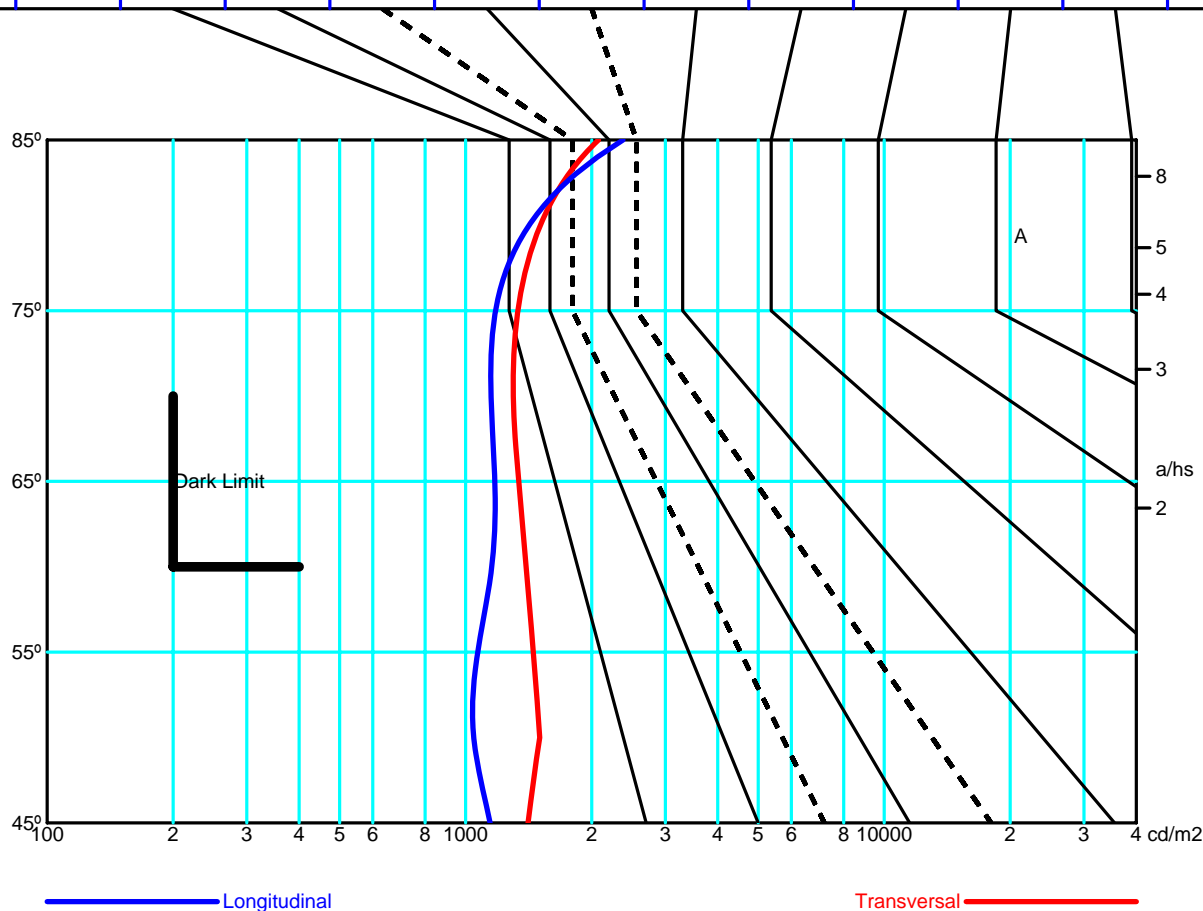
Utilizations CIE

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	127	114	102	92	109	88	80	68	65	56	50	38	39	27	52	41	36	32	26	34	27	23	18
0.80	146	134	110	101	127	97	96	84	74	65	58	46	45	33	61	48	43	38	32	41	33	29	21
1.00	159	148	113	106	141	101	109	97	79	71	63	52	50	39	67	54	49	43	37	47	38	34	24
1.25	171	161	115	109	153	104	122	111	84	77	68	58	55	44	72	59	55	48	42	52	43	39	26
1.50	180	171	115	110	163	106	133	122	87	80	72	62	59	49	76	63	59	53	47	57	48	43	28
2.00	191	183	113	110	175	106	148	139	90	85	77	69	65	56	80	69	66	59	54	63	54	50	31
2.50	198	192	111	108	183	105	160	151	92	87	80	73	70	62	83	73	70	64	60	67	60	56	34
3.00	203	198	110	107	189	104	168	160	93	89	82	76	73	66	85	76	73	68	64	71	64	60	35
4.00	210	206	108	106	197	103	179	173	94	91	86	81	78	72	88	80	78	74	70	75	69	66	38
5.00	215	211	106	105	202	103	187	182	95	93	88	84	81	76	89	83	81	77	74	78	73	70	39
10.00	224	222	103	102	213	100	205	201	96	95	92	90	89	86	92	89	88	85	84	85	82	79	43
20.00	228	228	100	100	219	99	214	213	97	96	95	94	93	91	94	92	91	90	89	89	88	85	45
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	187	180	155	150	176	147	139	133	119	114	99	95	86	81	112	95	93	83	81	92	81	79	70
0.80	212	205	171	166	200	162	162	156	135	131	116	111	102	97	128	111	109	98	95	107	95	93	82
1.00	229	222	179	175	215	171	179	172	146	141	127	122	113	107	137	121	119	109	106	117	105	103	90
1.25	245	238	187	183	230	178	196	189	156	151	138	132	124	118	146	131	129	119	116	126	115	112	98
1.50	257	250	192	188	241	183	209	202	163	159	147	141	133	127	153	139	137	128	124	133	123	119	104
2.00	269	263	194	191	252	186	225	218	169	165	155	150	143	137	159	147	144	136	133	140	131	126	109
2.50	276	271	194	191	259	186	234	228	172	169	159	155	149	143	161	151	149	141	138	143	135	130	111
3.00	280	275	192	190	262	185	241	235	172	170	161	157	152	146	161	152	151	144	141	145	138	132	112
4.00	288	285	193	192	270	186	252	247	176	174	167	164	159	155	165	158	156	151	148	149	144	137	116
5.00	294	291	194	193	275	187	260	255	179	177	171	168	164	160	168	162	160	156	153	153	148	141	118
10.00	301	299	191	191	282	185	273	270	180	179	176	174	172	169	169	165	164	162	160	156	153	144	120
20.00	292	291	176	176	273	170	268	266	168	167	165	164	163	161	156	154	154	153	152	144	143	133	108
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	326	319	304	299	314	295	269	263	259	254	234	229	216	212	251	229	228	213	211	226	211	210	203
0.80	368	360	339	333	353	328	307	300	293	288	267	261	248	242	283	261	258	243	241	256	240	238	230
1.00	402	394	367	361	385	355	340	332	322	316	297	290	277	270	310	288	286	271	268	282	267	263	256
1.25	434	425	391	386	414	379	371	363	348	342	324	316	305	297	334	314	311	297	293	306	292	287	279
1.50	457	449	409	404	436	396	396	387	367	362	345	337	326	318	353	334	331	318	313	325	311	305	297
2.00	493	485	434	430	469	421	434	425	398	393	378	370	361	353	381	365	362	351	346	354	342	335	327
2.50	516	509	450	447	491	438	460	451	417	413	400	393	385	377	400	386	383	373	369	374	363	354	347
3.00	532	526	461	458	507	449	479	471	431	427	416	410	403	395	414	401	398	390	385	388	379	369	361
4.00	553	548	474	472	526	462	503	496	448	445	436	430	424	417	430	419	417	410	406	405	397	386	378
5.00	566	561	482	480	539	470	519	513	459	456	448	443	438	432	440	431	429	423	419	416	409	396	388
10.00	593	591	499	498	565	487	554	550	481	479	475	472	470	465	461	456	455	452	450	439	435	420	412
20.00	609	607	507	507	580	496	574	572	493	492	490	489	488	485	473	471	470	468	467	452	451	434	425

Luminaire		Measur.		Lamp	
Code	0937	Code	0937	Code	13 led 700mA 3W
Name	Hanging lamp 13x100	Name	Hanging lamp 13x100	Number	1
Line	VIBIA-Slim	Date	11-12-2012	Position	Universal
Efficiency	48.27%	Coordinate system	CG	Total Flux	2356.00 lm
Maximum value	362.32 cd/klm	Position	C=0.00 G=0.00	Double Symmetrical	

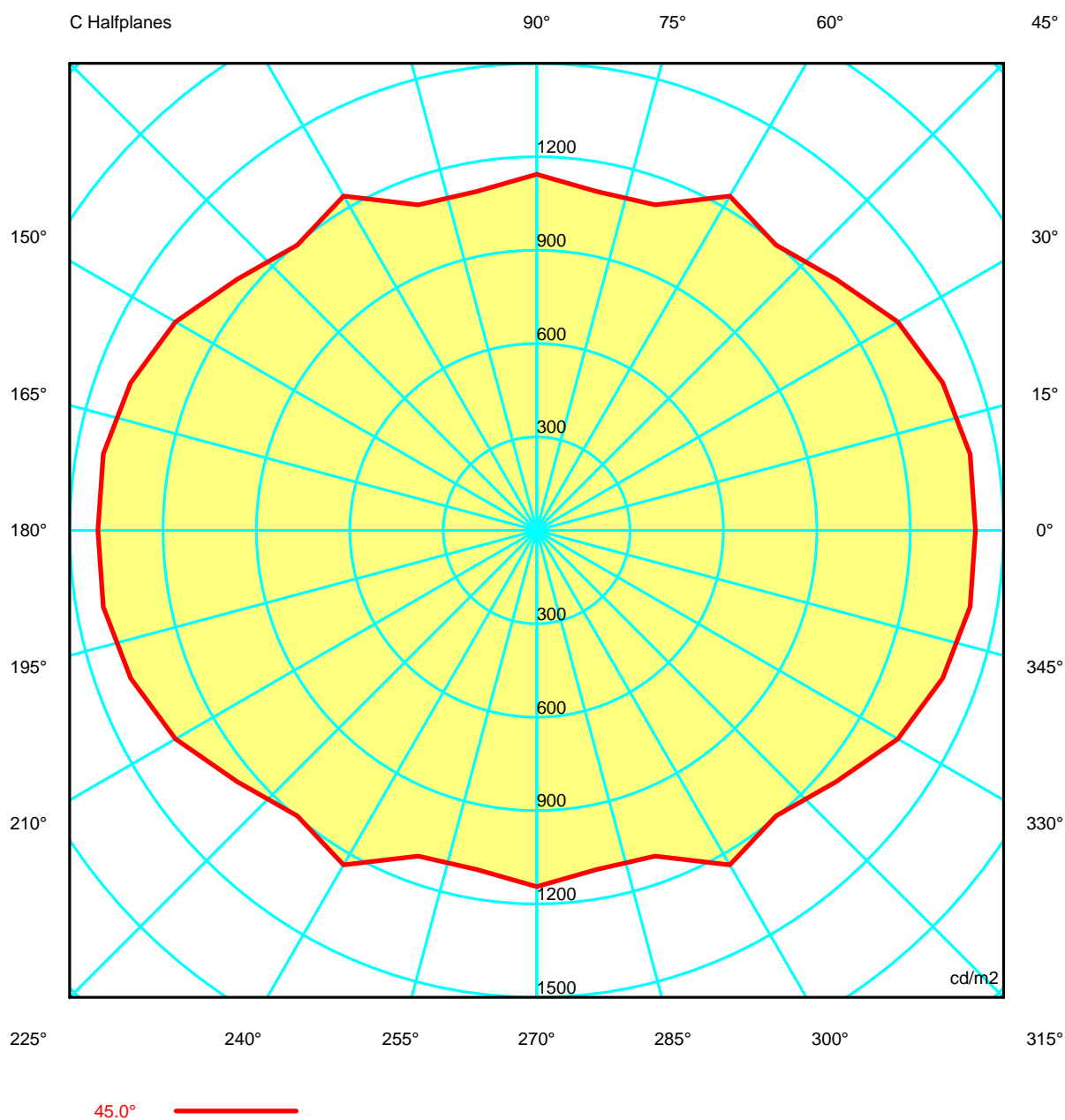
Average Luminance [cd/m²]										
0.0°	45°	50°	55°	60°	65°	70°	75°	80°	85°	
90.0°	1410	1503	1451	1396	1338	1300	1333	1508	2076	---
	1144	1046	1069	1154	1174	1149	1179	1417	2376	---

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		Measur.		Lamp	
Code	0937	Code	0937	Code	13 led 700mA 3W
Name	Hanging lamp 13x100	Name	Hanging lamp 13x100	Number	1
Line	VIBIA-Slim	Date	11-12-2012	Position	Universal
Efficiency	48.27%	Coordinate system	CG	Total Flux	2356.00 lm
Maximum value	362.32 cd/klm	Position	C=0.00 G=0.00	Double Symmetrical	

Luminance



Luminaire				Measurem.				Lamp					
Code	0937			Code	0937			Code	13 led 700mA 3W				
Name	Hanging lamp 13x100			Name	Hanging lamp 13x100			Number	1				
Line	VIBIA-Slim			Date	11-12-2012			Position	Universal				
Efficiency	48.27%			Coordinate system	CG			Total Flux	2356.00 lm				
Maximum value	362.32 cd/klm			Position	C=0.00 G=0.00			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	6229.98	6229.98	6229.98	6229.98	6229.98	6229.98	6229.98	6229.98	6229.98	6229.98	6229.98	6229.98	6229.98
G 5.0	6152.87	6172.76	6153.55	6170.82	6191.21	6200.29	6212.49	6167.02	6184.74	6134.11	6184.74	6167.02	6212.49
G 10.0	6122.31	6162.41	6123.71	6158.51	6199.61	6217.92	6242.51	6150.79	6186.50	6084.22	6186.50	6150.79	6242.51
G 15.0	6073.78	6083.82	6135.12	6117.01	6083.51	6049.39	6051.39	6006.18	6098.58	6084.45	6098.58	6006.18	6051.39
G 20.0	6070.63	6049.48	6194.79	6121.51	6010.18	5921.20	5899.61	5902.34	6054.46	6132.20	6054.46	5902.34	5899.61
G 25.0	4008.26	4043.36	4176.81	4160.98	4010.10	3949.12	4011.70	3952.26	4105.57	4314.37	4105.57	3952.26	4011.70
G 30.0	1766.60	1865.52	1922.39	1975.10	1853.03	1821.64	1961.54	1836.59	1938.31	2212.88	1938.31	1836.59	1961.54
G 35.0	1559.35	1624.99	1627.04	1636.89	1579.35	1503.12	1596.65	1510.70	1548.82	1303.68	1548.82	1510.70	1596.65
G 40.0	1339.96	1369.04	1309.91	1271.92	1285.99	1158.78	1200.82	1157.42	1123.92	1214.00	1123.92	1157.42	1200.82
G 45.0	1409.64	1413.48	1387.94	1339.40	1255.52	1196.45	1240.13	1112.96	1105.87	1144.07	1105.87	1112.96	1240.13
G 50.0	1503.32	1477.45	1491.15	1429.79	1230.16	1250.70	1296.73	1069.80	1093.76	1045.72	1093.76	1069.80	1296.73
G 55.0	1450.56	1397.53	1477.92	1367.83	1236.15	1302.27	1193.16	1083.86	1082.26	1068.90	1082.26	1083.86	1193.16
G 60.0	1396.00	1339.54	1438.98	1295.30	1304.66	1354.18	1091.31	1174.38	1134.10	1154.20	1134.10	1174.38	1091.31
G 65.0	1337.53	1343.45	1354.96	1281.29	1308.07	1297.58	1109.14	1229.97	1221.85	1174.38	1221.85	1229.97	1109.14
G 70.0	1299.73	1385.43	1271.82	1302.95	1265.03	1191.93	1182.61	1273.21	1307.29	1149.20	1307.29	1273.21	1182.61
G 75.0	1332.77	1421.78	1278.17	1307.33	1264.06	1187.29	1177.34	1390.04	1350.13	1179.34	1350.13	1390.04	1177.34
G 80.0	1507.85	1530.71	1426.55	1374.06	1387.74	1382.51	1217.43	1626.46	1455.12	1416.52	1455.12	1626.46	1217.43
G 85.0	2075.88	2027.25	1883.88	1813.90	1877.23	2034.75	1795.67	2156.51	2044.13	2376.26	2044.13	2156.51	1795.67
G 90.0	5630.02	5269.68	4682.46	4664.28	4921.00	5710.59	5841.77	6143.96	7677.34	12316.48	7677.34	6143.96	5841.77

Luminaire				Measurem.				Lamp					
Code	0937			Code	0937			Code	13 led 700mA 3W				
Name	Hanging lamp 13x100			Name	Hanging lamp 13x100			Number	1				
Line	VIBIA-Slim			Date	11-12-2012			Position	Universal				
Efficiency	48.27%			Coordinate system	CG			Total Flux	2356.00 lm				
Maximum value	362.32 cd/klm			Position	C=0.00 G=0.00			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	6229.98	6229.98	6229.98	6229.98	6229.98	6229.98	6229.98	6229.98	6229.98	6229.98	6229.98	6229.98	6229.98
G 5.0	6200.29	6191.21	6170.82	6153.55	6172.76	6152.87	6172.76	6153.55	6170.82	6191.21	6200.29	6212.49	6167.02
G 10.0	6217.92	6199.61	6158.51	6123.71	6162.41	6122.31	6162.41	6123.71	6158.51	6199.61	6217.92	6242.51	6150.79
G 15.0	6049.39	6083.51	6117.01	6135.12	6083.82	6073.78	6083.82	6135.12	6117.01	6083.51	6049.39	6051.39	6006.18
G 20.0	5921.20	6010.18	6121.51	6194.79	6049.48	6070.63	6049.48	6194.79	6121.51	6010.18	5921.20	5899.61	5902.34
G 25.0	3949.12	4010.10	4160.98	4176.81	4043.36	4008.26	4043.36	4176.81	4160.98	4010.10	3949.12	4011.70	3952.26
G 30.0	1821.64	1853.03	1975.10	1922.39	1865.52	1766.60	1865.52	1922.39	1975.10	1853.03	1821.64	1961.54	1836.59
G 35.0	1503.12	1579.35	1636.89	1627.04	1624.99	1559.35	1624.99	1627.04	1636.89	1579.35	1503.12	1596.65	1510.70
G 40.0	1158.78	1285.99	1271.92	1309.91	1369.04	1339.96	1369.04	1309.91	1271.92	1285.99	1158.78	1200.82	1157.42
G 45.0	1196.45	1255.52	1339.40	1387.94	1413.48	1409.64	1413.48	1387.94	1339.40	1255.52	1196.45	1240.13	1112.96
G 50.0	1250.70	1230.16	1429.79	1491.15	1477.45	1503.32	1477.45	1491.15	1429.79	1230.16	1250.70	1296.73	1069.80
G 55.0	1302.27	1236.15	1367.83	1477.92	1397.53	1450.56	1397.53	1477.92	1367.83	1236.15	1302.27	1193.16	1083.86
G 60.0	1354.18	1304.66	1295.30	1438.98	1339.54	1396.00	1339.54	1438.98	1295.30	1304.66	1354.18	1091.31	1174.38
G 65.0	1297.58	1308.07	1281.29	1354.96	1343.45	1337.53	1343.45	1354.96	1281.29	1308.07	1297.58	1109.14	1229.97
G 70.0	1191.93	1265.03	1302.95	1271.82	1385.43	1299.73	1385.43	1271.82	1302.95	1265.03	1191.93	1182.61	1273.21
G 75.0	1187.29	1264.06	1307.33	1278.17	1421.78	1332.77	1421.78	1278.17	1307.33	1264.06	1187.29	1177.34	1390.04
G 80.0	1382.51	1387.74	1374.06	1426.55	1530.71	1507.85	1530.71	1426.55	1374.06	1387.74	1382.51	1217.43	1626.46
G 85.0	2034.75	1877.23	1813.90	1883.88	2027.25	2075.88	2027.25	1883.88	1813.90	1877.23	2034.75	1795.67	2156.51
G 90.0	5710.59	4921.00	4664.28	4682.46	5269.68	5630.02	5269.68	4682.46	4664.28	4921.00	5710.59	5841.77	6143.96

Luminaire		Measurem.		Lamp	
Code	0937	Code	0937	Code	13 led 700mA 3W
Name	Hanging lamp 13x100	Name	Hanging lamp 13x100	Number	1
Line	VIBIA-Slim	Date	11-12-2012	Position	Universal

Efficiency	48.27%	Coordinate system	CG	Total Flux	2356.00 lm
Maximum value	362.32 cd/klm	Position	C=0.00 G=0.00	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	6229.98	6229.98	6229.98	6229.98	6229.98	6229.98	6229.98	6229.98	6229.98	6229.98	6229.98
G 5.0	6184.74	6134.11	6184.74	6167.02	6212.49	6200.29	6191.21	6170.82	6153.55	6172.76	
G 10.0	6186.50	6084.22	6186.50	6150.79	6242.51	6217.92	6199.61	6158.51	6123.71	6162.41	
G 15.0	6098.58	6084.45	6098.58	6006.18	6051.39	6049.39	6083.51	6117.01	6135.12	6083.82	
G 20.0	6054.46	6132.20	6054.46	5902.34	5899.61	5921.20	6010.18	6121.51	6194.79	6049.48	
G 25.0	4105.57	4314.37	4105.57	3952.26	4011.70	3949.12	4010.10	4160.98	4176.81	4043.36	
G 30.0	1938.31	2212.88	1938.31	1836.59	1961.54	1821.64	1853.03	1975.10	1922.39	1865.52	
G 35.0	1548.82	1303.68	1548.82	1510.70	1596.65	1503.12	1579.35	1636.89	1627.04	1624.99	
G 40.0	1123.92	1214.00	1123.92	1157.42	1200.82	1158.78	1285.99	1271.92	1309.91	1369.04	
G 45.0	1105.87	1144.07	1105.87	1112.96	1240.13	1196.45	1255.52	1339.40	1387.94	1413.48	
G 50.0	1093.76	1045.72	1093.76	1069.80	1296.73	1250.70	1230.16	1429.79	1491.15	1477.45	
G 55.0	1082.26	1068.90	1082.26	1083.86	1193.16	1302.27	1236.15	1367.83	1477.92	1397.53	
G 60.0	1134.10	1154.20	1134.10	1174.38	1091.31	1354.18	1304.66	1295.30	1438.98	1339.54	
G 65.0	1221.85	1174.38	1221.85	1229.97	1109.14	1297.58	1308.07	1281.29	1354.96	1343.45	
G 70.0	1307.29	1149.20	1307.29	1273.21	1182.61	1191.93	1265.03	1302.95	1271.82	1385.43	
G 75.0	1350.13	1179.34	1350.13	1390.04	1177.34	1187.29	1264.06	1307.33	1278.17	1421.78	
G 80.0	1455.12	1416.52	1455.12	1626.46	1217.43	1382.51	1387.74	1374.06	1426.55	1530.71	
G 85.0	2044.13	2376.26	2044.13	2156.51	1795.67	2034.75	1877.23	1813.90	1883.88	2027.25	
G 90.0	7677.34	12316.48	7677.34	6143.96	5841.77	5710.59	4921.00	4664.28	4682.46	5269.68	