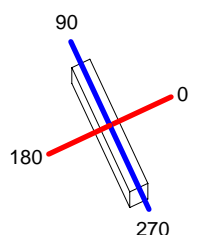


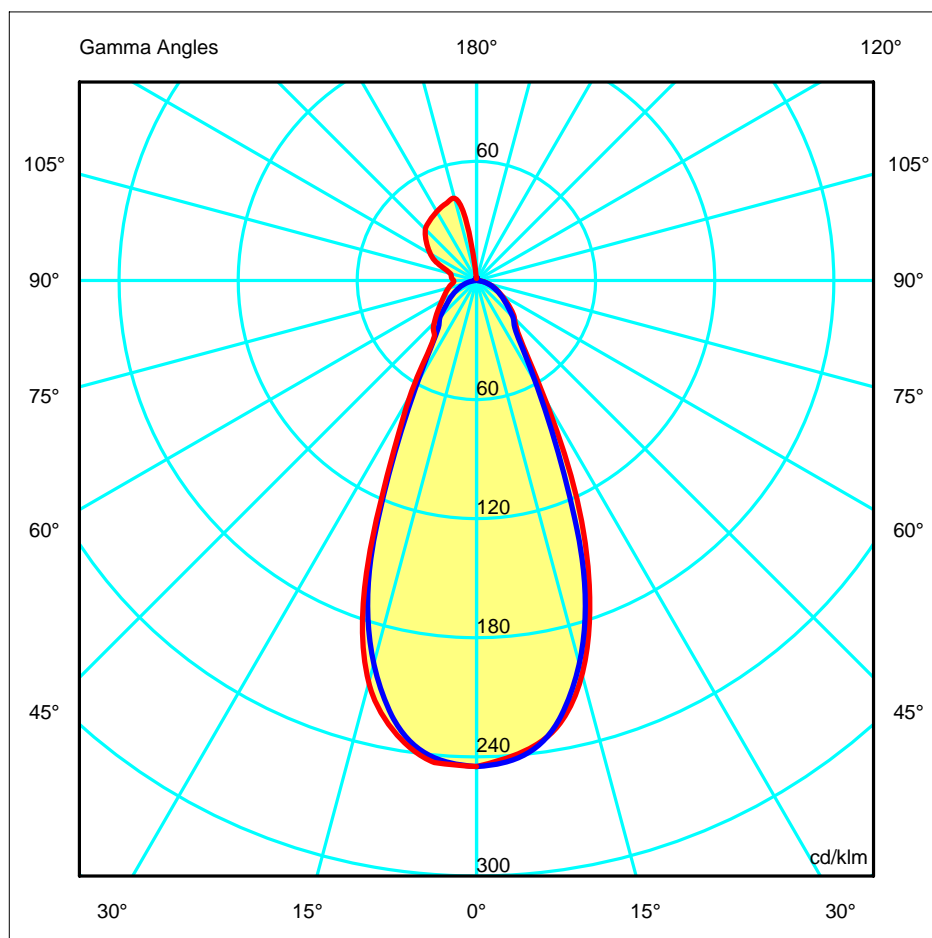
Luminaire		Measurem.		Lamp	
Code	2502	Code	2502	Code	1 led 350mA 1W
Name	Hanging lamp d/475	Name	Hanging lamp d/475	Number	2
Line	VIBIA-Cosmos	Date	13-05-2014	Position	Universal
Efficiency		28.35%		Coordinate system	CG
Total Flux		541.00 lm			
Maximum value		244.86 cd/klm		Position	C=0.00 G=0.00
Sym. on planes 0-180					
Rectangular Luminaire		Length	480 mm	Width	70 mm
Round Luminous Area		Diam.	15 mm	Height	0 mm
Horizontal Luminous Area		0.000177 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°	0.000043 m2
Symmetry Type		Sym. on planes 0-180		Maximum Gamma Angle	180
Measurement Distance		6.44		Measurement Flux	541.00 lm
Operator		Asselum T2		Source voltage	230.00 V
Temperature		20.00 °C		Source current	
Humidity		57.00 %		Photocell	Prc
Notes					
Luminaire Lamps					
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
- VIBIA	1 led 350mA 1W	1 led 350mA 1W	115.00	1.00	1
- VIBIA	1 led 350mA 3.7W	1 led 350mA 3.7W	426.00	4.00	1
C.I.E.	72 88 96 76 28	D DIN 5040	B61		
F UTE	0.22 B + 0.07 T	B NBN	BZ 1 / 1 / BZ 2		

480mm x 70mm



C Halfplanes

 180.0 — 0.0
 270.0 — 90.0

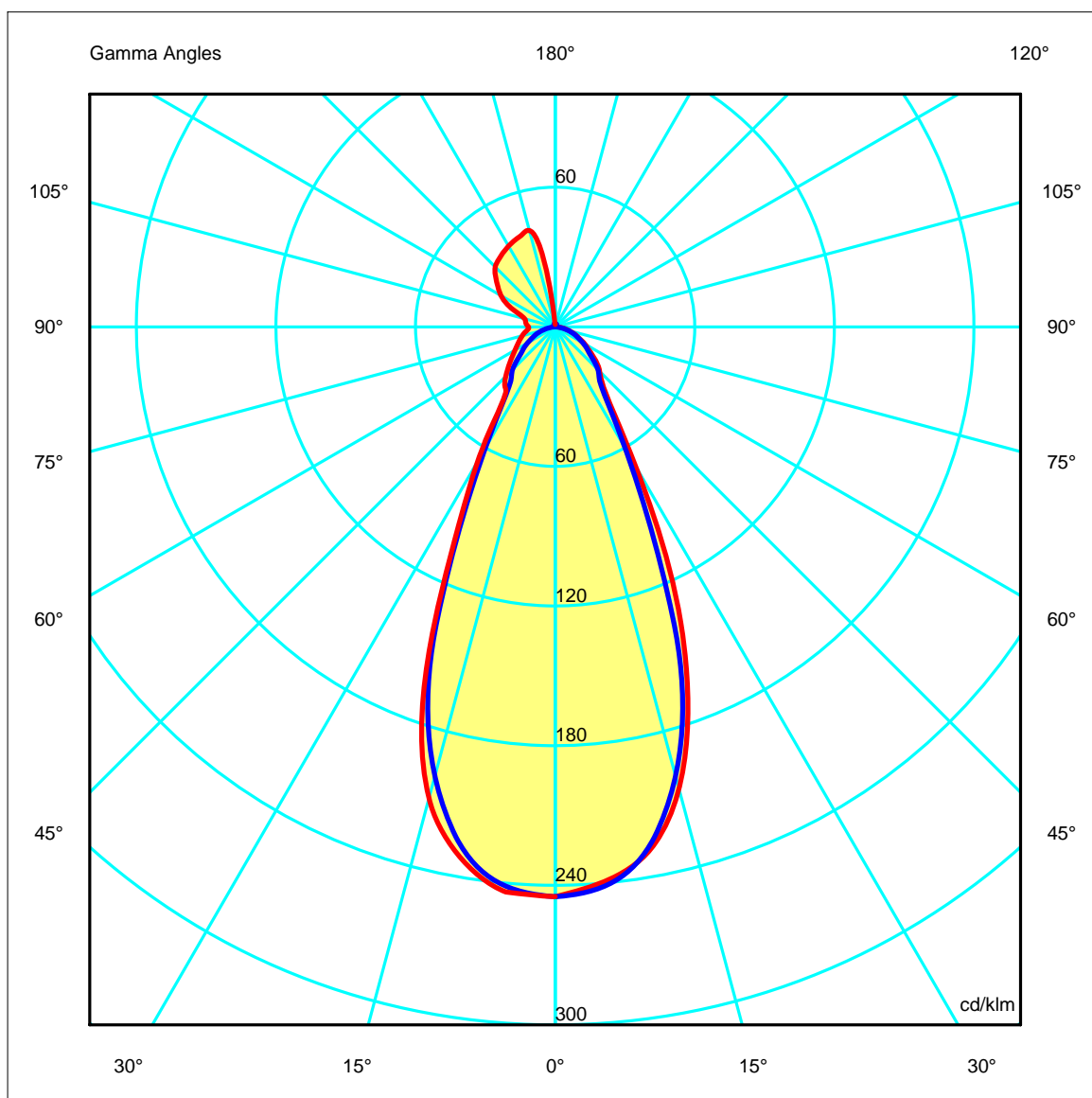
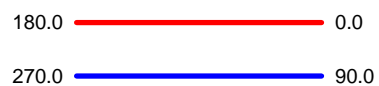
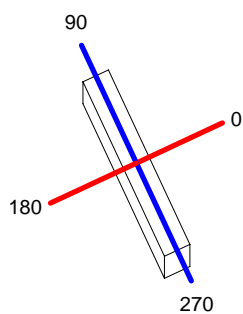
 ULOR 6.85 %
 DLOR 21.50 %
 RN 24.15 %


Luminaire				Measur.				Lamp					
Code	2502			Code	2502			Code	1 led 350mA 1W				
Name	Hanging lamp d/475			Name	Hanging lamp d/475			Number	2				
Line	VIBIA-Cosmos			Date	13-05-2014			Position	Universal				
Efficiency		28.35%		Coordinate system		CG		Total Flux		541.00 lm			
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	C 105.00	C 120.00	C 135.00	C 150.00	C 165.00	C 180.00
G 0.0	244.86	244.86	244.86	244.86	244.86	244.86	244.86	244.86	244.86	244.86	244.86	244.86	244.86
G 5.0	239.37	237.55	238.78	237.92	238.40	239.77	241.37	241.11	241.85	242.28	241.71	242.31	243.76
G 10.0	229.27	224.16	224.01	224.63	224.78	227.11	227.98	226.69	227.24	229.13	227.82	229.09	232.05
G 15.0	205.47	196.04	198.82	198.03	200.11	202.74	199.67	203.35	200.70	200.75	199.72	199.49	209.63
G 20.0	166.42	152.22	149.65	148.15	148.88	152.14	158.26	157.06	152.13	150.80	151.63	152.04	164.64
G 25.0	117.70	102.05	104.66	105.16	104.26	102.06	99.70	100.94	102.66	103.14	102.89	96.78	103.86
G 30.0	68.86	61.91	63.09	61.67	59.44	57.62	60.18	62.78	63.41	60.72	60.49	61.32	66.48
G 35.0	42.09	39.75	39.15	38.15	37.62	37.23	38.48	36.58	36.81	38.03	38.29	39.47	39.69
G 40.0	31.32	30.43	30.30	30.10	30.20	30.11	29.59	30.45	30.90	31.67	32.38	32.54	33.58
G 45.0	27.09	26.02	25.80	25.66	25.64	25.55	25.97	26.34	27.13	28.00	28.83	29.26	30.08
G 50.0	22.85	21.34	21.40	21.33	21.19	21.08	20.54	21.85	22.69	23.77	24.77	25.15	26.11
G 55.0	17.93	17.09	17.28	20.01	16.58	16.71	16.87	18.07	19.03	20.11	21.13	21.92	22.79
G 60.0	14.65	13.88	13.71	14.16	13.51	13.60	13.71	14.42	15.55	17.11	18.37	19.25	19.82
G 65.0	11.28	10.61	10.68	10.70	10.69	10.75	10.57	11.85	13.12	14.84	16.31	17.17	17.94
G 70.0	8.75	8.13	8.06	8.19	8.14	8.15	8.27	9.12	10.82	12.75	14.39	15.52	16.20
G 75.0	6.14	5.87	5.93	5.82	5.92	5.94	5.66	7.06	8.77	10.94	12.80	13.83	14.65
G 80.0	4.06	3.53	3.63	3.37	3.32	3.24	3.36	4.89	6.93	9.23	11.23	12.39	13.20
G 85.0	1.99	1.51	1.50	1.50	1.38	1.34	1.44	2.72	5.21	8.02	10.01	11.22	11.71
G 90.0	0.57	0.56	0.58	0.57	0.53	0.47	0.39	1.99	4.89	7.92	9.96	11.14	11.51
G 95.0	0.45	0.42	0.46	0.46	0.46	0.42	0.38	2.17	5.62	8.63	10.67	11.84	12.45
G100.0	0.45	0.42	0.46	0.46	0.46	0.42	0.38	2.56	6.82	9.56	11.35	12.57	12.93
G105.0	0.45	0.42	0.46	0.46	0.43	0.42	0.38	5.23	10.81	12.07	13.00	13.85	13.61
G110.0	0.45	0.44	0.46	0.46	0.46	0.44	0.39	12.16	15.92	17.55	17.62	17.85	16.93
G115.0	0.52	0.49	0.46	0.51	0.45	0.46	0.46	15.44	18.86	20.82	21.88	22.51	22.57
G120.0	0.53	0.50	0.48	0.54	0.50	0.50	0.46	18.95	22.50	23.70	25.00	25.82	26.94
G125.0	0.59	0.53	0.56	0.61	0.57	0.54	0.54	22.00	25.89	26.67	27.50	28.73	30.06
G130.0	0.67	0.60	0.61	0.69	0.61	0.61	0.65	24.92	29.71	29.91	30.32	31.64	33.45
G135.0	0.68	0.65	0.67	0.70	0.68	0.69	0.84	28.06	33.36	33.67	33.80	35.47	36.47
G140.0	0.74	0.70	0.72	0.76	0.76	0.73	0.94	30.19	36.07	37.31	37.90	38.56	37.83
G145.0	0.82	0.75	0.79	0.82	0.77	0.80	0.95	31.95	38.44	40.23	40.56	40.43	38.99
G150.0	0.90	0.83	0.86	0.86	0.84	0.84	1.03	32.73	40.20	41.92	42.05	41.83	40.00
G155.0	0.91	0.87	0.88	0.91	0.91	0.92	1.22	32.54	41.31	43.39	43.80	42.92	41.21
G160.0	0.91	0.88	0.91	0.96	0.92	0.92	1.27	29.97	41.02	43.85	44.44	42.95	42.05
G165.0	0.98	0.91	0.91	0.92	0.92	0.92	1.27	25.88	39.02	41.76	42.26	40.46	42.87
G170.0	0.99	0.92	0.92	0.93	0.94	0.93	0.58	17.14	29.68	31.67	29.50	27.44	31.10
G175.0	0.99	0.95	0.93	0.92	0.93	0.92	0.93	1.09	1.46	1.71	1.72	1.53	1.61
G180.0	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99

Luminaire		Measur.		Lamp	
Code	2502	Code	2502	Code	1 led 350mA 1W
Name	Hanging lamp d/475	Name	Hanging lamp d/475	Number	2
Line	VIBIA-Cosmos	Date	13-05-2014	Position	Universal
Efficiency	28.35%	Coordinate system	CG	Total Flux	541.00 lm

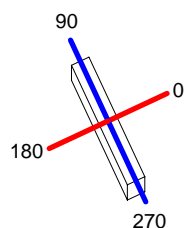
480mm x 70mm

C Halfplanes



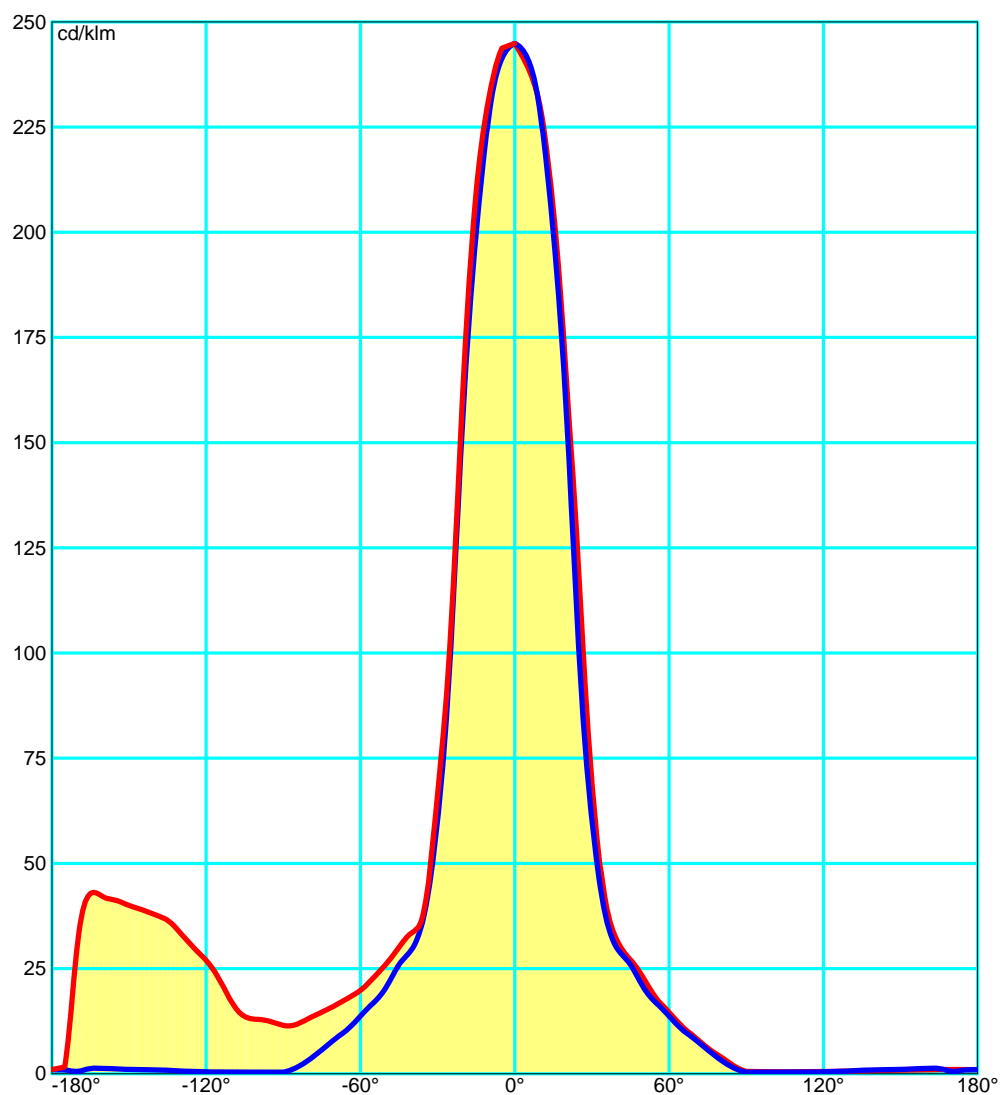
Luminaire		Measurem.		Lamp	
Code	2502	Code	2502	Code	1 led 350mA 1W
Name	Hanging lamp d/475	Name	Hanging lamp d/475	Number	2
Line	VIBIA-Cosmos	Date	13-05-2014	Position	Universal
Efficiency	28.35%	Coordinate system	CG	Total Flux	541.00 lm

480mm x 70mm



C Halfplanes

180.0 ——— 0.0
 270.0 ——— 90.0



Luminaire		Measurem.		Lamp	
Code	2502	Code	2502	Code	1 led 350mA 1W
Name	Hanging lamp d/475	Name	Hanging lamp d/475	Number	2
Line	VIBIA-Cosmos	Date	13-05-2014	Position	Universal
Efficiency	28.35%	Coordinate system	CG	Total Flux	541.00 lm

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	ViewedCrosswise					ViewedEndwise				
x=2H y=2H	25.8	26.7	26.4	27.3	26.4	24.3	25.2	24.9	25.7	26.4
x=2H y=3H	28.1	28.9	28.8	29.5	27.7	25.6	26.3	26.2	27.0	27.7
x=2H y=4H	29.4	30.1	30.1	30.8	28.2	26.1	26.8	26.8	27.5	28.2
x=2H y=6H	30.9	31.6	31.6	32.2	28.6	26.5	27.2	27.2	27.8	28.6
x=2H y=8H	31.7	32.4	32.4	33.0	28.6	26.6	27.2	27.3	27.9	28.6
x=2H y=12H	32.7	33.3	33.5	34.0	28.7	26.7	27.3	27.4	28.0	28.7
x=4H y=2H	26.4	27.2	27.1	27.8	27.1	25.1	25.8	25.7	26.4	27.1
x=4H y=3H	29.0	29.6	29.7	30.3	28.6	26.6	27.2	27.3	27.9	28.6
x=4H y=4H	30.5	31.0	31.2	31.7	29.4	27.3	27.8	28.0	28.5	29.4
x=4H y=6H	32.2	32.6	32.9	33.3	29.8	27.8	28.3	28.5	29.0	29.8
x=4H y=8H	33.1	33.5	33.9	34.3	30.0	28.0	28.4	28.7	29.1	30.0
x=4H y=12H	34.3	34.6	35.0	35.3	30.1	28.1	28.4	28.8	29.2	30.1
x=8H y=4H	30.8	31.2	31.6	32.0	29.9	27.9	28.3	28.7	29.1	29.9
x=8H y=6H	32.8	33.1	33.6	33.9	30.7	28.7	29.0	29.4	29.8	30.7
x=8H y=8H	33.9	34.2	34.7	35.0	31.0	28.9	29.2	29.7	30.0	31.0
x=8H y=12H	35.3	35.6	36.2	36.4	31.1	29.1	29.4	30.0	30.2	31.1
x=12H y=4H	30.9	31.2	31.6	32.0	30.1	28.1	28.4	28.8	29.2	30.1
x=12H y=6H	32.9	33.2	33.7	34.0	31.0	29.0	29.3	29.8	30.0	31.0
x=12H y=8H	34.2	34.4	35.0	35.2	31.4	29.4	29.6	30.2	30.4	31.4

Luminaire		Measurem.		Lamp	
Code	2502	Code	2502	Code	1 led 350mA 1W
Name	Hanging lamp d/475	Name	Hanging lamp d/475	Number	2
Line	VIBIA-Cosmos	Date	13-05-2014	Position	Universal
Efficiency	28.35%	Coordinate system	CG	Total Flux	541.00 lm

Total Flux=541.00 Luminaire Flux=153.36

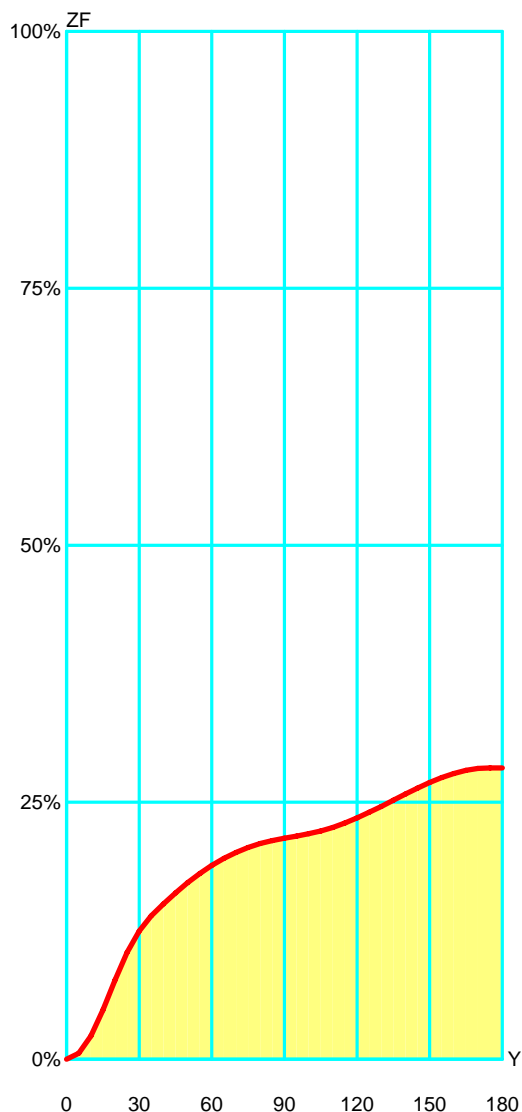
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.51	0.57	0.63	0.68	0.72	0.79	0.83	0.86	0.90	0.92	0.96	0.98
RC	1	2	2	2	2	2	2	2	2	2	2	1

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)	23	77	125	151	172	189	201	210	215	219	225	235	246	258	269	278	283	283

CIE Flux Codes
72 88 96 76 28

C.I.E. 1/2/2/2/2/2/2/2/2/1
D DIN 5040 B61
F UTE 0.22 B + 0.07 T
B NBN BZ 1 / 1 / BZ 2
RN 24.15370 %
BLF 1.0

LOR 28.34720 %
ULOR 6.84690 %
DLOR 21.50030 %
UFF 24.15370 %
DFF 75.84630 %
FFR 31.84559 %



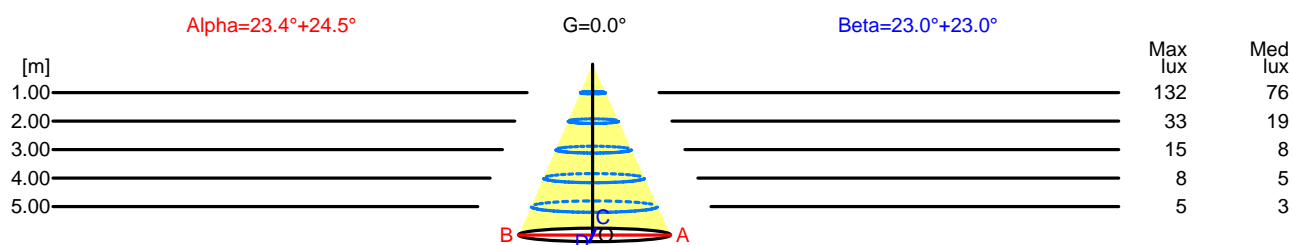
Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00 %	0.00 %
5°	5.80	5.80	2.05 %	2.05 %
10°	16.72	22.52	5.90 %	7.94 %
15°	25.36	47.88	8.95 %	16.89 %
20°	29.16	77.04	10.29 %	27.18 %
25°	26.86	103.90	9.48 %	36.65 %
30°	20.83	124.73	7.35 %	44.00 %
35°	14.74	139.47	5.20 %	49.20 %
40°	11.56	151.03	4.08 %	53.28 %
45°	10.71	161.74	3.78 %	57.06 %
50°	9.97	171.71	3.52 %	60.57 %
55°	8.96	180.67	3.16 %	63.74 %
60°	7.89	188.57	2.78 %	66.52 %
65°	6.82	195.38	2.40 %	68.92 %
70°	5.82	201.20	2.05 %	70.98 %
75°	4.86	206.06	1.71 %	72.69 %
80°	3.85	209.91	1.36 %	74.05 %
85°	2.86	212.77	1.01 %	75.06 %
90°	2.23	215.00	0.79 %	75.85 %
95°	2.12	217.13	0.75 %	76.60 %
100°	2.27	219.39	0.80 %	77.40 %
105°	2.60	222.00	0.92 %	78.31 %
110°	3.42	225.42	1.21 %	79.52 %
115°	4.35	229.77	1.54 %	81.06 %
120°	5.00	234.76	1.76 %	82.82 %
125°	5.43	240.20	1.92 %	84.73 %
130°	5.74	245.94	2.02 %	86.76 %
135°	5.97	251.91	2.11 %	88.87 %
140°	6.03	257.94	2.13 %	90.99 %
145°	5.84	263.79	2.06 %	93.06 %
150°	5.41	269.20	1.91 %	94.96 %
155°	4.80	274.00	1.69 %	96.66 %
160°	4.02	278.02	1.42 %	98.08 %
165°	3.07	281.09	1.08 %	99.16 %
170°	1.85	282.94	0.65 %	99.81 %
175°	0.51	283.45	0.18 %	99.99 %
180°	0.03	283.47	0.01 %	100.00 %

Luminaire		Measurem.		Lamp	
Code	2502	Code	2502	Code	1 led 350mA 1W
Name	Hanging lamp d/475	Name	Hanging lamp d/475	Number	2
Line	VIBIA-Cosmos	Date	13-05-2014	Position	Universal
Efficiency	28.35%	Coordinate system	CG	Total Flux	541.00 lm

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	0.46	0.91	1.37	1.83	2.28	OC	0.43	0.85	1.28	1.70	2.13
OB	0.43	0.86	1.30	1.73	2.16	OD	0.43	0.85	1.28	1.70	2.13

	0	5	15	25	35	45	55	65	75	85
OA	132.47	129.50	111.16	63.68	22.77	14.66	9.70	6.10	3.32	1.08
OB	132.47	131.88	113.41	56.19	21.47	16.27	12.33	9.70	7.92	6.33
OC	132.47	130.58	108.02	53.94	20.82	14.05	9.13	5.72	3.06	0.78
OD	132.47	130.58	108.02	53.94	20.82	14.05	9.13	5.72	3.06	0.78



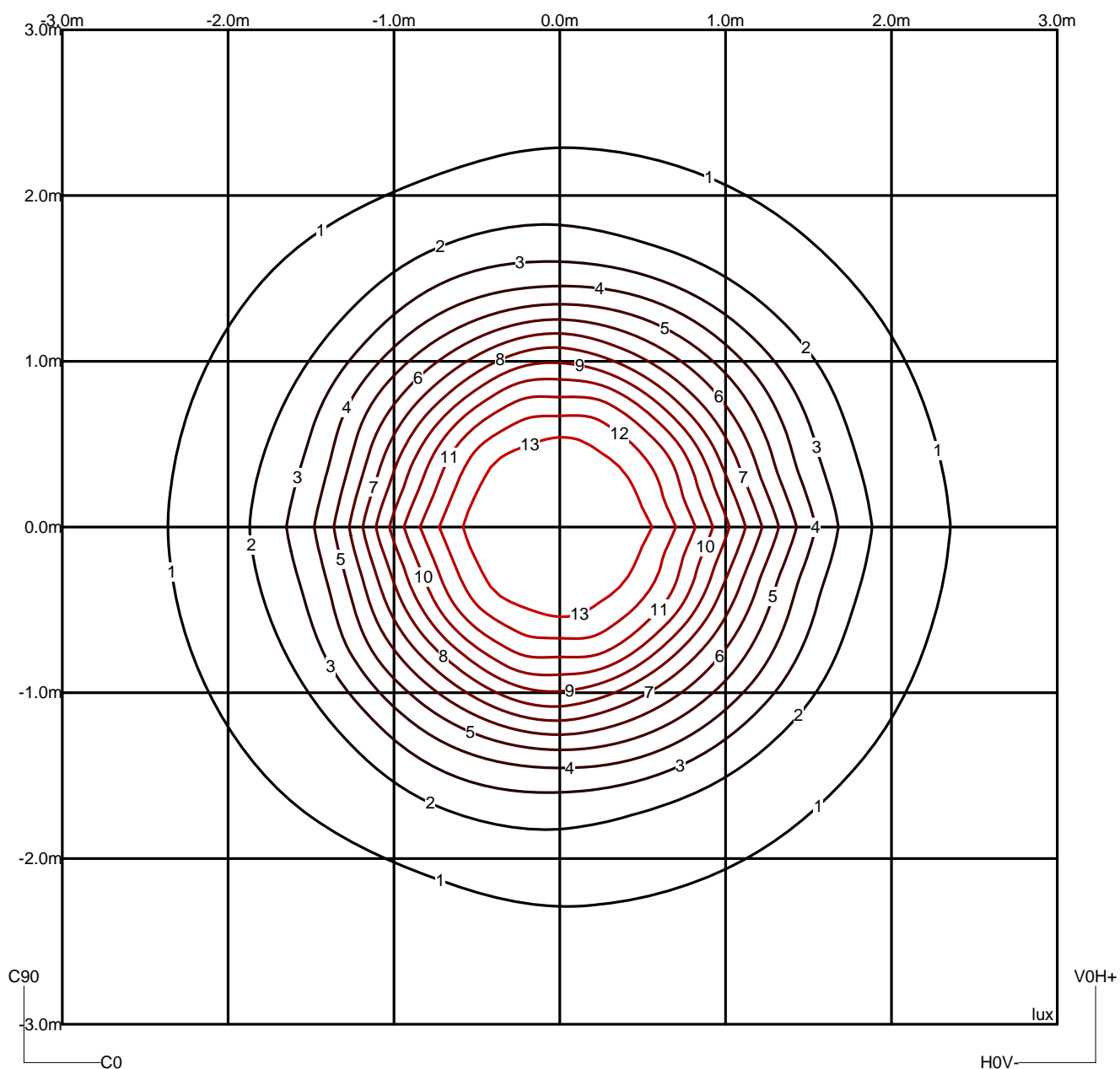
H[m]	D[m]	Max lux	Med lux	Alpha=23.4°+24.5°	G=0.0	
1.00	0.89	132	76			
2.00	1.78	33	19			
3.00	2.67	15	8			
4.00	3.56	8	5			
5.00	4.44	5	3			

H[m]	D[m]	Max lux	Med lux	Beta=23.0°+23.0°	G=0.0	
1.00	0.85	132	76			
2.00	1.70	33	19			
3.00	2.55	15	8			
4.00	3.40	8	5			
5.00	4.25	5	3			

Luminaire		Measurem.		Lamp	
Code	2502	Code	2502	Code	1 led 350mA 1W
Name	Hanging lamp d/475	Name	Hanging lamp d/475	Number	2
Line	VIBIA-Cosmos	Date	13-05-2014	Position	Universal
Efficiency	28.35%	Coordinate system	CG	Total Flux	541.00 lm

Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=3.00m



Luminaire				Measurem.				Lamp			
Code	2502			Code	2502			Code	1 led 350mA 1W		
Name	Hanging lamp d/475			Name	Hanging lamp d/475			Number	2		
Line	VIBIA-Cosmos			Date	13-05-2014			Position	Universal		
Efficiency	28.35%			Coordinate system	CG			Total Flux	541.00 lm		

Utilizations CIE

Mounting	Direct	Normalization										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	101	91	87	79	87	75	71	61	63	54	56	42	50	34	51	45	40	41	32	38	34	30	26								
0.80	114	105	94	87	100	83	83	73	71	62	62	49	56	41	58	52	47	47	39	44	40	36	30								
1.00	123	115	97	91	109	87	92	82	76	68	67	55	60	46	64	57	52	52	44	50	46	41	34								
1.25	131	124	99	94	118	90	101	92	80	73	71	61	65	52	68	62	58	57	50	55	51	46	38								
1.50	137	130	100	96	124	92	108	100	82	76	75	65	68	56	72	66	62	61	54	59	55	50	41								
2.00	145	139	101	97	133	94	119	111	86	81	79	71	73	63	77	71	68	66	61	65	61	56	46								
2.50	150	145	100	98	138	95	126	119	88	84	82	75	77	68	80	75	72	71	65	69	65	61	49								
3.00	153	149	100	98	142	95	131	125	89	86	84	78	79	71	82	78	75	74	69	72	69	65	51								
4.00	158	155	100	98	148	96	139	134	91	88	87	82	83	76	85	81	79	78	74	76	74	70	55								
5.00	161	159	99	98	152	96	144	140	92	90	89	85	85	80	87	84	82	81	77	79	77	73	57								
10.00	168	166	99	98	159	96	155	153	94	93	92	90	91	88	90	89	88	87	85	85	84	81	62								
20.00	171	170	98	98	164	96	161	160	95	95	94	93	94	92	92	92	91	91	90	89	88	86	65								

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	101	96	83	79	93	77	73	68	62	58	52	47	45	39	56	47	45	41	38	44	39	37	32								
0.80	115	110	92	88	105	85	86	80	71	67	61	55	53	47	63	55	53	49	45	51	45	43	37								
1.00	125	119	96	93	114	89	95	89	76	72	66	60	59	52	68	60	58	54	50	55	50	47	40								
1.25	133	128	100	97	122	93	104	98	81	77	72	66	65	58	72	65	63	59	55	59	54	51	42								
1.50	140	135	103	100	127	95	111	105	85	81	76	70	69	62	75	68	66	63	59	62	58	53	44								
2.00	146	142	103	101	133	96	119	113	87	84	80	75	74	67	77	72	69	67	63	65	61	55	45								
2.50	150	146	103	101	136	96	124	119	88	85	82	77	76	70	78	73	71	69	65	66	62	56	45								
3.00	151	148	101	100	138	95	127	122	88	86	83	78	78	72	78	73	72	69	66	65	62	56	45								
4.00	155	153	101	100	142	95	132	128	90	87	85	81	81	76	79	75	74	72	69	67	64	57	45								
5.00	158	155	101	100	144	95	136	132	90	89	86	83	83	79	80	77	75	74	71	68	65	58	45								
10.00	160	158	97	96	146	91	141	139	89	88	87	85	84	82	78	76	75	74	73	66	65	56	42								
20.00	152	152	87	86	138	81	136	135	79	79	78	77	77	76	68	68	67	67	66	57	57	47	33								

Working Pl.

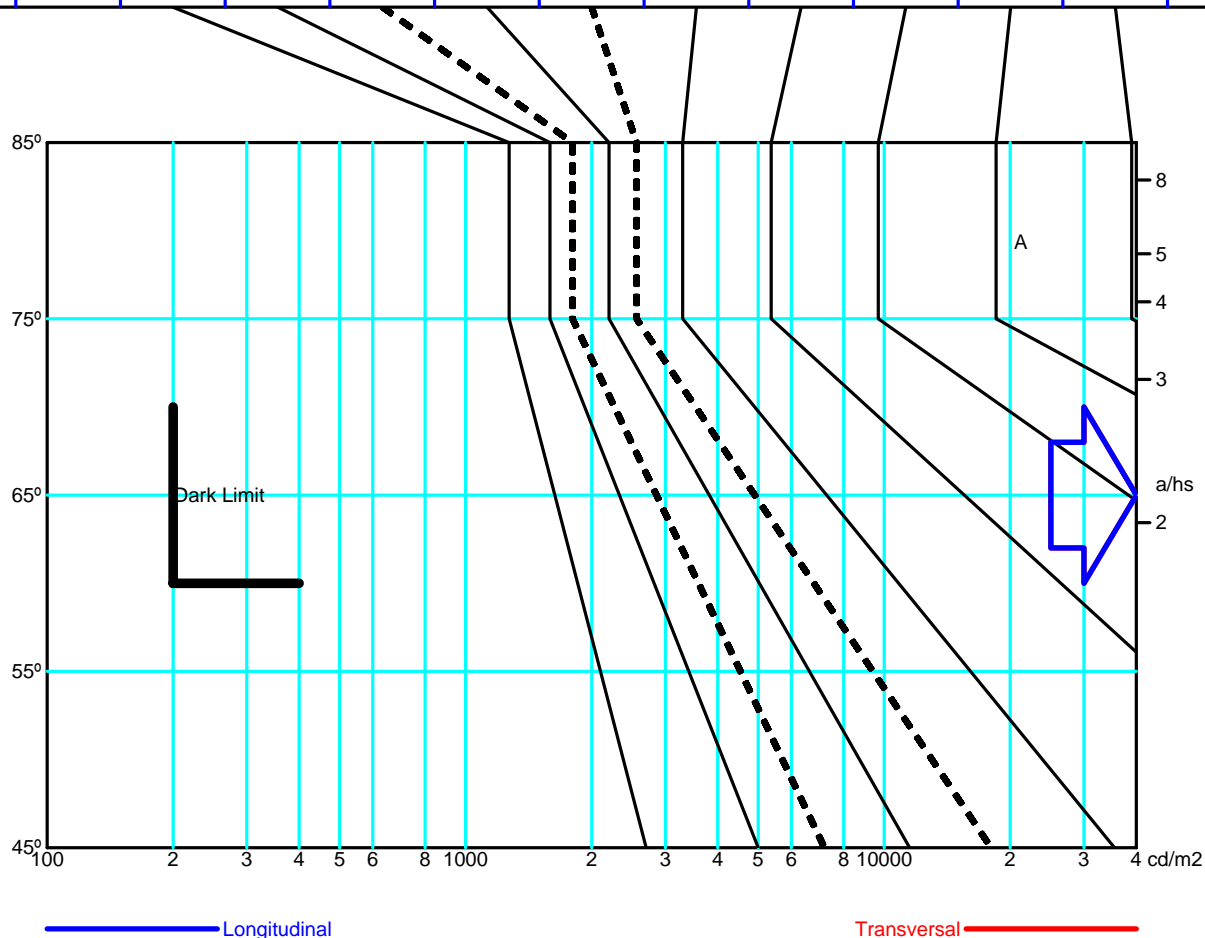
K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000								
0.60	183	177	171	166	173	163	150	145	144	140	131	126	122	116	137	126	124	118	115	122	115	113	110								
0.80	208	201	191	186	196	182	171	165	164	159	150	144	140	133	154	143	141	135	131	138	130	127	123								
1.00	228	221	208	203	214	198	190	184	180	175	167	160	157	149	169	158	156	150	146	152	144	140	136								
1.25	246	240	222	217	231	211	208	201	195	190	183	175	173	164	182	172	169	164	159	164	157	152	147								
1.50	260	254	232	228	244	221	222	215	206	201	195	187	185	176	192	183	180	175	170	174	167	161	156								
2.00	280	275	247	244	263	236	244	237	224	219	213	206	205	195	208	200	197	193	188	189	183	175	170								
2.50	294	289	256	253	275	245	259	252	235	230	226	219	218	209	218	211	208	205	200	199	194	185	179								
3.00	303	299	263	260	284	252	270	263	243	239	235	228	228	219	226	219	217	214	209	206	202	191	185								
4.00	315	311	270	268	295	259	283	278	252	249	246	240	240	232	234	229	227	225	221	215	211	199	192								
5.00	323	319	275	273	302	264	292	287	258	255	253	248	248	241	240	235	233	232	228	220	217	204	197								
10.00	339	337	284	283	317	274	312	309	271	269	268	265	265	261	251	249	248	247	244	232	230	214	207								
20.00	347	346	289	289	325	279	323	321	277	276	276	274	274	272	257	256	256	255	254	238	237	220	212								

LM53 SHR C0-C180: 0.788 SHR C90-C270: 0.758 SHR Square: 0.725

Luminaire		Measur.		Lamp	
Code	2502	Code	2502	Code	1 led 350mA 1W
Name	Hanging lamp d/475	Name	Hanging lamp d/475	Number	2
Line	VIBIA-Cosmos	Date	13-05-2014	Position	Universal
Efficiency	28.35%	Coordinate system	CG	Total Flux	541.00 lm

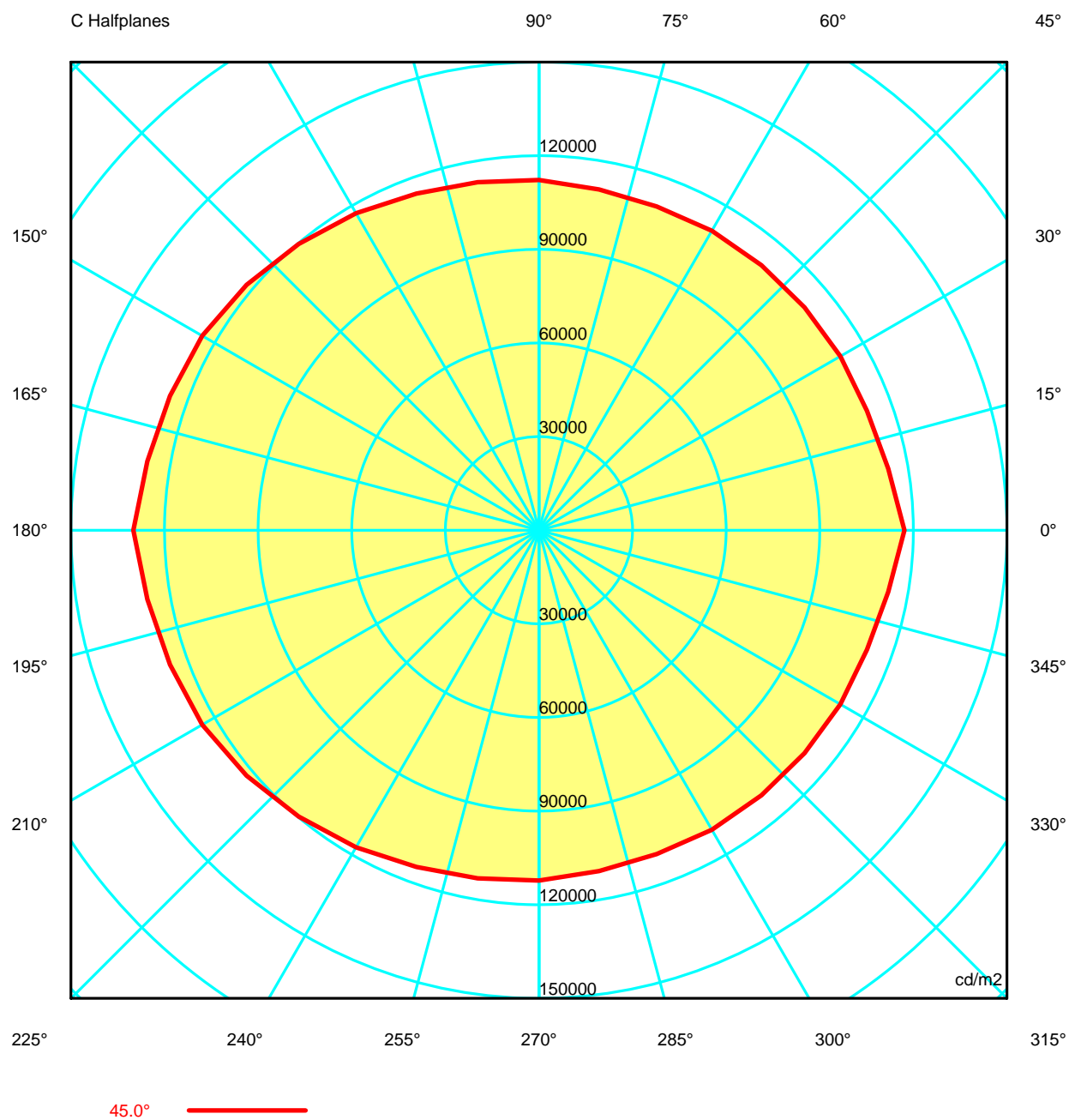
Average Luminance [cd/m ²]										
0.0°	45°	50°	55°	60°	65°	70°	75°	80°	85°	
117093	108644	95559	89577	81607	78190	72533	71529	69811	---	
90.0°	112249	97674	89887	83784	76452	73897	66800	59155	50363	---

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	2502	Code	2502	Code	1 led 350mA 1W
Name	Hanging lamp d/475	Name	Hanging lamp d/475	Number	2
Line	VIBIA-Cosmos	Date	13-05-2014	Position	Universal
Efficiency	28.35%	Coordinate system	CG	Total Flux	541.00 lm

Luminance



Luminaire				Measur.				Lamp					
Code	2502			Code	2502			Code	1 led 350mA 1W				
Name	Hanging lamp d/475			Name	Hanging lamp d/475			Number	2				
Line	VIBIA-Cosmos			Date	13-05-2014			Position	Universal				
Efficiency		28.35%		Coordinate system		CG		Total Flux		541.00 lm			
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	748398.88	748398.88	748398.88	748398.88	748398.88	748398.88	748398.88	748398.88	748398.88	748398.88	748398.88	748398.88	748398.88
G 5.0	734415.75	729580.03	729813.52	732632.13	731058.81	729803.64	731440.46	733980.41	737629.27	740577.70	740102.16	740119.07	742043.90
G 10.0	711568.22	699565.31	695565.58	695254.31	696906.79	697322.64	697622.83	702248.99	706739.56	707571.54	704873.13	703124.72	705264.07
G 15.0	650181.89	626088.66	621018.27	629142.57	628080.41	627103.16	633216.79	641021.81	638212.77	631827.53	639980.53	640664.31	635086.19
G 20.0	541319.62	506805.69	489273.66	486769.48	483334.83	481688.07	484269.69	489767.78	501977.53	514769.05	514861.02	505439.51	494819.98
G 25.0	396951.31	355482.61	347096.93	352968.41	355685.61	353730.59	351619.13	347230.70	340831.37	336233.70	338065.72	342796.17	346216.60
G 30.0	243042.08	223598.80	218152.76	222676.35	220451.01	215063.87	209780.08	204172.72	205042.41	212381.25	219003.96	223605.90	223778.71
G 35.0	157061.44	150528.84	147183.72	146074.01	143571.03	141582.53	140355.84	138586.96	140724.26	143583.07	139073.30	135543.44	137364.10
G 40.0	124960.88	122284.06	121044.11	120902.92	120343.59	120110.48	120484.03	120584.65	119216.70	118073.54	120189.58	122302.18	123289.73
G 45.0	117092.67	113637.96	111847.87	111519.86	111087.59	110877.55	110811.23	110380.83	110876.46	112248.70	113230.56	114821.95	117278.63
G 50.0	108644.05	103103.60	101570.29	101775.82	101731.42	101200.25	100774.19	100422.31	99021.63	97674.45	101508.50	105574.25	107890.88
G 55.0	95558.82	92636.72	89577.21	92076.12	104274.88	102446.65	88345.85	88824.17	89635.11	89887.07	93833.62	98218.25	101390.66
G 60.0	89576.98	86231.19	83889.47	83821.80	86140.92	85587.98	82597.10	82940.51	83285.73	83784.05	86306.20	90163.11	95076.97
G 65.0	81606.60	77837.79	76921.55	77251.92	77341.89	77362.74	77314.48	77598.16	77310.78	76452.34	82102.19	88848.10	94885.08
G 70.0	78189.50	74054.26	71932.10	72059.92	72929.89	73033.48	72729.92	72735.74	72829.37	73897.12	78054.72	85970.28	96714.35
G 75.0	72533.06	69907.46	69362.66	69998.12	69143.28	68751.60	69873.94	70879.38	69017.21	66800.44	76522.89	89937.77	103514.54
G 80.0	71529.25	64023.60	62358.15	63968.01	61134.28	59050.14	58379.70	57779.61	56087.70	59154.51	75049.15	97499.46	122027.89
G 85.0	69810.66	56802.89	52769.11	52746.75	52625.42	51167.81	48350.36	47668.53	46141.62	50362.61	74758.60	120738.94	182721.00
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

Luminaire				Measur.				Lamp																		
Code	2502			Code	2502			Code	1 led 350mA 1W																	
Name	Hanging lamp d/475			Name	Hanging lamp d/475			Number	2																	
Line	VIBIA-Cosmos			Date	13-05-2014			Position	Universal																	
Efficiency		28.35%		Coordinate system		CG		Total Flux		541.00 lm																
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	748398.88	748398.88	748398.88	748398.88	748398.88	748398.88	748398.88	748398.88	748398.88	748398.88	748398.88	748398.88	748398.88	748398.88	748398.88	748398.88	748398.88	748398.88	748398.88	748398.88	748398.88	748398.88	748398.88	748398.88	748398.88	748398.88
G 5.0	743379.28	742830.67	741617.08	742378.37	744779.14	747904.55	744779.14	742378.37	741617.08	742830.67	743379.28	742043.90	740119.07	743379.28	742830.67	741617.08	742378.37	744779.14	747904.55	744779.14	742378.37	741617.08	742830.67	743379.28	742043.90	740119.07
G 10.0	710043.00	710304.30	707078.07	708649.33	713832.93	720200.71	713832.93	708649.33	707078.07	710304.30	710043.00	705264.07	703124.72	710304.30	710043.00	705264.07	703124.72	713832.93	720200.71	713832.93	708649.33	707078.07	710304.30	710043.00	705264.07	703124.72
G 15.0	635178.54	635097.90	631963.93	628662.72	638815.63	663344.98	638815.63	628662.72	631963.93	635097.90	635178.54	635086.19	640664.31	635097.90	635178.54	635086.19	640664.31	638815.63	663344.98	638815.63	628662.72	631963.93	635097.90	635178.54	635086.19	640664.31
G 20.0	490343.65	491740.50	493213.45	494103.71	504208.84	535513.57	504208.84	494103.71	493213.45	491740.50	490343.65	494819.98	505439.51	493213.45	491740.50	490343.65	494819.98	505439.51	535513.57	504208.84	504208.84	494103.71	493213.45	491740.50	490343.65	494819.98
G 25.0	347022.16	349418.82	346988.52	330912.61	329405.17	350253.90	329405.17	330912.61	346988.52	349418.82	347022.16	346216.60	342796.17	346988.52	349418.82	347022.16	346216.60	342796.17	350253.90	329405.17	329405.17	330912.61	346988.52	349418.82	347022.16	346216.60
G 30.0	217316.55	213092.42	213491.95	214210.29	220993.98	234636.12	220993.98	214210.29	213491.95	213092.42	217316.55	223778.71	223605.90	213491.95	213092.42	217316.55	223778.71	223605.90	234636.12	220993.98	220993.98	214210.29	213491.95	213092.42	217316.55	223778.71
G 35.0	140761.20	142312.74	142889.15	145825.86	147541.18	148092.04	147541.18	145825.86	142889.15	142312.74	140761.20	137364.10	135543.44	142889.15	142312.74	140761.20	137364.10	135543.44	148092.04	147541.18	145825.86	142889.15	142312.74	142889.15	142312.74	140761.20
G 40.0	125174.85	127557.41	129198.82	129467.52	130816.06	133968.88	130816.06	129467.52	129198.82	127557.41	125174.85	123289.73	122302.18	129198.82	127557.41	125174.85	123289.73	122302.18	133968.88	130816.06	129467.52	129198.82	127557.41	125174.85	123289.73	122302.18
G 45.0	119764.04	122360.28	124614.30	125838.70	127462.88	130014.58	127462.88	125838.70	124614.30	122360.28	119764.04	117278.63	114821.95	125838.70	124614.30	122360.28	119764.04	117278.63	130014.58	127462.88	127462.88	125838.70	124614.30	122360.28	124614.30	122360.28
G 50.0	111147.28	114917.78	117766.50	118910.09	120758.07	124154.22	120758.07	118910.09	117766.50	114917.78	111147.28	107890.88	105574.25	120758.07	124154.22	120758.07	118910.09	117766.50	124154.22	124154.22	120758.07	120758.07	118910.09	117766.50	114917.78	111147.28
G 55.0	105153.93	109108.48	112579.15	115417.00	118276.04	121435.04	118276.04	115417.00	112579.15	109108.48	105153.93	101390.66	98218.25	115417.00	118276.04	121435.04	118276.04	115417.00	121435.04	121435.04	118276.04	118276.04	115417.00	112579.15	109108.48	105153.93
G 60.0	101411.34	107476.14	112311.35	116152.09	119004.99	121176.53	119004.99	116152.09	112311.35	107476.14	101411.34	95076.97	90163.11	119004.99	121176.53	119004.99	116152.09	112311.35	121176.53	121176.53	119004.99	119004.99	116152.09	112311.35	107476.14	101411.34
G 65.0	103007.92	111371.82	117970.98	122351.30	125971.15	129729.38	125971.15	122351.30	117970.98	111371.82	103007.92	94885.08	88848.10	125971.15	129729.38	129729.38	125971.15	122351.30	129729.38	129729.38	125971.15	125971.15	122351.30	117970.98	111371.82	103007.92
G 70.0	108279.48	119233.17	128619.46	135911.71	141052.75	144776.08	141052.75	135911.71	128619.46	119233.17	108279.48	96714.35	85970.28	144776.08	141052.75	141052.75	135911.71	128619.46	141052.75	141052.75	144776.08	144776.08	141052.75	141052.75	135911.71	128619.46
G 75.0	120411.95	137533.58	151216.90	159970.87	166556.41	172973.63	166556.41	159970.87	151216.90	137533.58	120411.95	103514.54	89937.77	172973.63	172973.63	172973.63	166556.41	159970.87	172973.63	172973.63	172973.63	172973.63	172973.63	172973.63	172973.63	172973.63
G 80.0	148884.54	175427.13	197651.44	212518.83	223097.43	232356.55	223097.43	212518.83	197651.44	175427.13	148884.54	122027.89	97499.46	232356.55	232356.55	232356.55	223097.43	223097.43	232356.55	232356.55	232356.55	232356.55	232356.55	232356.55	232356.55	232356.55
G 85.0	250241.01	308239.63	351107.33	382510.07	401238.84	410648.77	401238.84	382510.07	351107.33	308239.63	250241.01	182721.00	120738.94	410648.77	410648.77	410648.77	401238.84	401238.84	410648.77	410648.77	410648.77	410648.77	410648.77	410648.77	410648.77	410648.77
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire				Measur.				Lamp					
Code	2502			Code	2502			Code	1 led 350mA 1W				
Name	Hanging lamp d/475			Name	Hanging lamp d/475			Number	2				
Line	VIBIA-Cosmos			Date	13-05-2014			Position	Universal				
Efficiency	28.35%			Coordinate system		CG		Total Flux		541.00 lm			
Luminance cd/m2													
Table 3/3													
C 180.00		C 190.00	C 200.00	C 210.00	C 220.00	C 230.00	C 240.00	C 250.00	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00
G 0.0	748398.88	748398.88	748398.88	748398.88	748398.88	748398.88	748398.88	748398.88	748398.88	748398.88	748398.88	748398.88	748398.88
G 5.0	747904.55	744779.14	742378.37	741617.08	742830.67	743379.28	742043.90	740119.07	740102.16	740577.70	737629.27	733980.41	731440.46
G 10.0	720200.71	713832.93	708649.33	707078.07	710304.30	710043.00	705264.07	703124.72	704873.13	707571.54	706739.56	702248.99	697622.83
G 15.0	663344.98	638815.63	628662.72	631963.93	635097.90	635178.54	635086.19	640664.31	639980.53	631827.53	638212.77	641021.81	633216.79
G 20.0	535513.57	504208.84	494103.71	493213.45	491740.50	490343.65	494819.98	505439.51	514861.02	514769.05	501977.53	489767.78	484269.69
G 25.0	350253.90	329405.17	330912.61	346988.52	349418.82	347022.16	346216.60	342796.17	338065.72	336233.70	340831.37	347230.70	351619.13
G 30.0	234636.12	220993.98	214210.29	213491.95	213092.42	217316.55	223778.71	223605.90	219003.96	212381.25	205042.41	204172.72	209780.08
G 35.0	148092.04	147541.18	145825.86	142889.15	142312.74	140761.20	137364.10	135543.44	139073.30	143583.07	140724.26	138586.96	140355.84
G 40.0	133968.88	130816.06	129467.52	129198.82	127557.41	125174.85	123289.73	122302.18	120189.58	118073.54	119216.70	120584.65	120484.03
G 45.0	130014.58	127462.88	125838.70	124614.30	122360.28	119764.04	117278.63	114821.95	113230.56	112248.70	110876.46	110380.83	110811.23
G 50.0	124154.22	120758.07	118910.09	117766.50	114917.78	111147.28	107890.88	105574.25	101508.50	97674.45	99021.63	100422.31	100774.19
G 55.0	121435.04	118276.04	115417.00	112579.15	109108.48	105153.93	101390.66	98218.25	93833.62	89887.07	89635.11	88824.17	88345.85
G 60.0	121176.53	119004.99	116152.09	112311.35	107476.14	101411.34	95076.97	90163.11	86306.20	83784.05	83285.73	82940.51	82597.10
G 65.0	129729.38	125971.15	122351.30	117970.98	111371.82	103007.92	94885.08	88848.10	82102.19	76452.34	77310.78	77598.16	77314.48
G 70.0	144776.08	141052.75	135911.71	128619.46	119233.17	108279.48	96714.35	85970.28	78054.72	73897.12	72829.37	72735.74	72729.92
G 75.0	172973.63	166556.41	159970.87	151216.90	137533.58	120411.95	103514.54	89937.77	76522.89	66800.44	69017.21	70879.38	69873.94
G 80.0	232356.55	223097.43	212518.83	197651.44	175427.13	148884.54	122027.89	97499.46	75049.15	59154.51	56087.70	57779.61	58379.70
G 85.0	410648.77	401238.84	382510.07	351107.33	308239.63	250241.01	182721.00	120738.94	74758.60	50362.61	46141.62	47668.53	48350.36
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