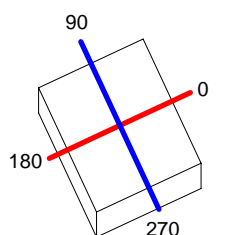


Luminaire			Measurem.			Lamp		
Code	4504		Code	4504		Code	2 led str 350mA 6.5W	
Name	Double cluster wall lamp		Name	Double cluster wall lamp		Number	1	
Line	VIBIA-Origami		Date	07-07-2014		Position	Universal	
Efficiency			56.42%		Coordinate system	CG	Total Flux	1512.84 lm
Maximum value			105.65 cd/klm		Position	C=10.00 G=150.00	Asymmetrical	
Rectangular Luminaire			Length	630 mm	Width	530 mm	Height	70 mm
Rectangular Luminous Area			Length	630 mm	Width	530 mm	Height	60 mm
Horizontal Luminous Area			0.333900 m2		Emitting area on Plane 180°		0.037800 m2	
Emitting area on Plane 0°			0.037800 m2		Emitting area on Plane 270°		0.031800 m2	
Emitting area on Plane 90°			0.031800 m2		Glare area at 76°		0.117455 m2	
Symmetry Type			Asymmetrical		Maximum Gamma Angle		180	
Measurement Distance			0.00		Measurement Flux		1512.84 lm	
Operator			20.00 °C 50.00 %		Source voltage		230.00 V	
Temperature					Source current			
Humidity					Photocell			
Notes								

Luminaire Lamps					
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
- VIBIA	2 led str 350mA 6.5W	Lámpara 2 led strip 350mA 6.5W	1512.84	13.00	1
C.I.E.	2 6 32 15 56	D DIN 5040		D13	
F UTE	--	B NBN		BZ 10	

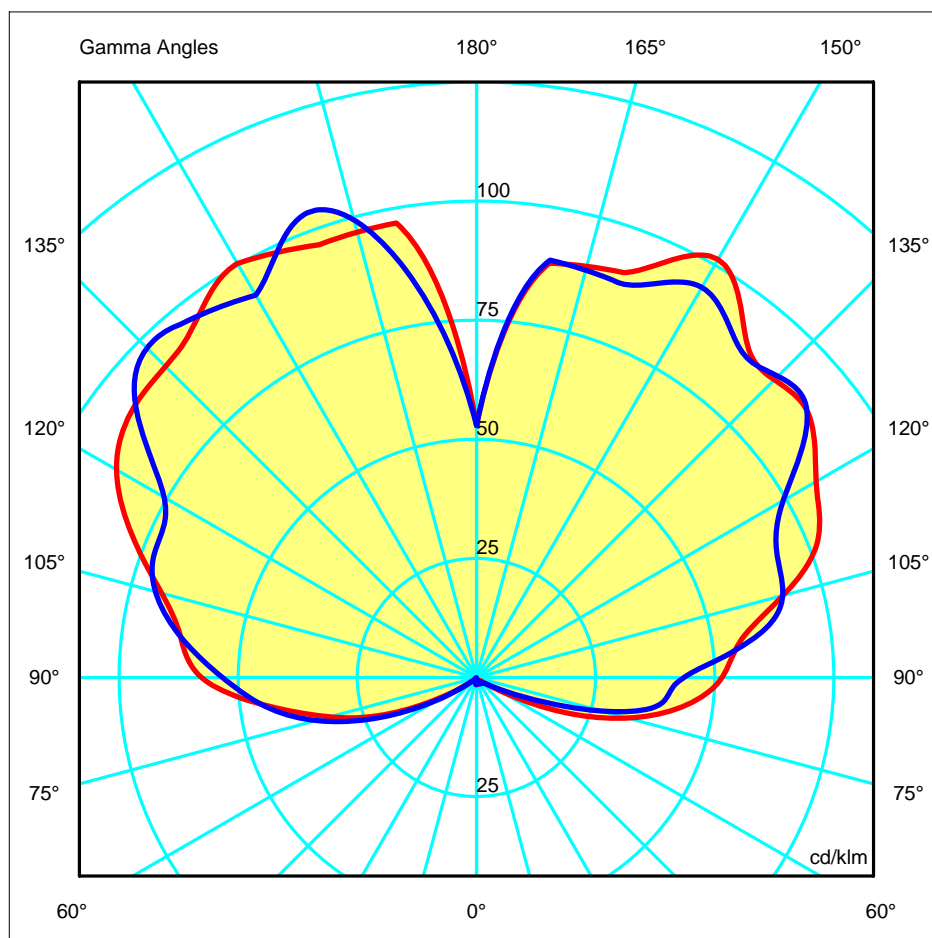
630mm x 530mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0

ULOR 48.15 %
DLOR 8.27 %
RN 85.34 %



Luminaire				Measurem.				Lamp					
Code	4504			Code	4504			Code	2 led str 350mA 6.5W				
Name	Double cluster wall lamp			Name	Double cluster wall lamp			Number	1				
Line	VIBIA-Origami			Date	07-07-2014			Position	Universal				
Efficiency		56.42%			Coordinate system		CG		Total Flux		1512.84 lm		
Luminous Intensity Table cd/klm										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	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46
G 10.0	1.34	1.47	1.55	1.20	0.64	0.64	0.46	0.76	0.93	0.62	0.52	0.66	0.70
G 20.0	1.39	1.46	0.80	1.41	1.55	1.36	0.88	1.59	1.30	0.54	1.04	1.33	0.89
G 30.0	0.67	0.96	1.10	0.56	1.53	1.89	1.53	0.66	1.12	1.56	1.83	2.00	1.50
G 40.0	0.94	1.21	1.02	1.44	0.72	0.42	0.83	0.44	0.48	1.02	1.57	1.81	1.46
G 50.0	1.11	0.60	1.32	0.78	1.02	0.81	1.32	1.72	1.50	1.84	1.37	0.81	1.08
G 60.0	4.98	5.84	4.48	2.71	2.98	2.88	2.14	6.20	6.56	3.55	5.04	4.20	1.70
G 70.0	23.24	22.39	24.85	16.69	21.48	20.51	15.76	23.70	23.32	15.05	14.15	13.18	6.03
G 80.0	40.95	42.00	41.12	45.47	44.96	41.64	34.63	43.06	42.69	37.19	30.67	25.00	19.70
G 90.0	51.54	51.49	50.06	50.38	50.74	52.73	44.22	45.09	49.20	43.42	46.99	41.22	35.71
G100.0	58.19	62.23	66.95	64.50	57.57	56.90	59.35	60.26	61.93	62.11	65.86	59.57	52.85
G110.0	75.10	77.06	66.63	63.02	71.17	68.93	72.68	69.61	64.91	67.63	64.24	70.57	75.97
G120.0	82.30	85.74	81.88	79.85	76.78	77.28	79.65	78.00	75.77	74.32	82.86	76.43	75.69
G130.0	89.40	89.44	83.20	83.11	80.67	89.96	84.47	93.07	84.48	89.99	78.57	84.83	82.08
G140.0	89.19	96.01	90.07	91.91	95.93	91.32	91.35	88.72	89.59	87.93	91.43	90.30	89.45
G150.0	101.34	105.65	95.56	86.31	94.43	95.30	98.01	101.06	98.35	94.57	86.53	93.55	88.54
G160.0	90.43	94.76	91.01	89.46	90.66	87.00	89.38	89.43	87.33	88.09	88.87	89.13	84.39
G170.0	88.30	84.55	84.33	82.45	85.80	91.53	92.63	96.32	89.99	88.95	88.27	89.26	90.17
G180.0	52.90	52.90	52.90	52.90	52.90	52.90	52.90	52.90	52.90	52.90	52.90	52.90	52.90

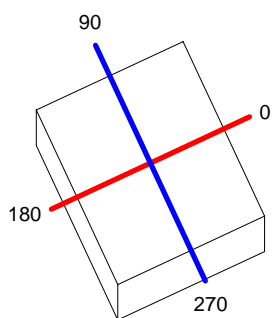
Luminaire				Measurem.				Lamp					
Code	4504			Code	4504			Code	2 led str 350mA 6.5W				
Name	Double cluster wall lamp			Name	Double cluster wall lamp			Number	1				
Line	VIBIA-Origami			Date	07-07-2014			Position	Universal				
Efficiency				56.42%		Coordinate system		CG		Total Flux		1512.84 lm	
Luminous Intensity Table cd/klm								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	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46
G 10.0	0.79	0.62	0.37	0.44	0.95	0.89	0.89	1.19	1.26	1.59	1.77	1.74	1.30
G 20.0	1.02	0.62	0.61	1.01	0.75	1.00	0.73	0.26	0.47	0.36	0.48	1.20	1.14
G 30.0	0.52	0.85	0.99	0.52	0.43	0.36	0.92	0.82	0.41	0.48	0.67	1.12	0.82
G 40.0	0.27	0.98	2.07	1.17	0.64	0.94	0.81	1.41	1.16	1.58	0.64	0.86	1.10
G 50.0	1.33	0.59	1.48	1.76	0.86	1.19	0.42	0.28	0.53	0.62	0.97	0.88	1.43
G 60.0	1.71	1.98	4.22	8.72	7.51	7.56	6.08	4.36	2.67	2.03	1.15	1.33	3.12
G 70.0	8.27	8.46	12.62	24.99	24.69	24.19	17.86	16.20	11.23	3.01	2.98	8.01	14.07
G 80.0	21.58	21.45	23.31	34.17	40.40	39.96	29.49	31.19	18.38	10.07	11.11	16.28	28.50
G 90.0	35.47	38.44	41.05	52.34	55.48	57.68	52.35	44.72	37.57	29.87	27.09	38.50	44.22
G100.0	58.99	64.05	55.12	59.45	60.19	63.84	61.13	54.64	69.29	55.44	61.24	61.08	54.75
G110.0	65.01	70.20	66.32	67.90	66.94	74.82	63.99	69.24	71.38	75.96	71.87	70.85	71.81
G120.0	80.81	78.22	79.27	75.02	82.70	87.24	84.23	82.04	81.33	76.56	76.06	78.99	76.11
G130.0	90.54	85.56	86.94	81.63	90.26	91.89	91.16	89.19	87.32	78.72	83.21	90.25	88.07
G140.0	84.39	91.56	89.19	90.38	96.58	93.92	94.47	96.81	96.46	94.74	92.11	95.43	93.19
G150.0	86.22	84.69	90.52	89.96	98.69	100.37	100.50	103.00	96.33	99.53	98.87	98.58	96.25
G160.0	90.32	95.07	94.14	95.89	99.53	96.66	92.62	91.12	92.06	95.07	102.15	98.79	92.50
G170.0	87.21	87.93	89.17	90.60	97.44	96.88	100.32	95.95	92.40	91.49	91.31	85.62	85.37
G180.0	52.90	52.90	52.90	52.90	52.90	52.90	52.90	52.90	52.90	52.90	52.90	52.90	52.90

Luminaire				Measurem.				Lamp					
Code	4504			Code	4504			Code	2 led str 350mA 6.5W				
Name	Double cluster wall lamp			Name	Double cluster wall lamp			Number	1				
Line	VIBIA-Origami			Date	07-07-2014			Position	Universal				
Efficiency	56.42%			Coordinate system	CG			Total Flux	1512.84 lm				
Luminous Intensity Table cd/klm								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	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46
G 10.0	0.89	0.89	1.19	1.26	1.59	1.77	1.74	1.30	1.38	1.22	1.12	1.01	1.00
G 20.0	1.00	0.73	0.26	0.47	0.36	0.48	1.20	1.14	0.70	0.68	0.61	0.51	0.76
G 30.0	0.36	0.92	0.82	0.41	0.48	0.67	1.12	0.82	0.80	0.93	0.91	0.79	0.78
G 40.0	0.94	0.81	1.41	1.16	1.58	0.64	0.86	1.10	0.84	0.75	0.22	0.54	1.11
G 50.0	1.19	0.42	0.28	0.53	0.62	0.97	0.88	1.43	1.21	0.51	1.51	1.13	1.04
G 60.0	7.56	6.08	4.36	2.67	2.03	1.15	1.33	3.12	4.59	9.30	4.31	7.49	7.75
G 70.0	24.19	17.86	16.20	11.23	3.01	2.98	8.01	14.07	17.47	26.42	22.94	21.69	23.10
G 80.0	39.96	29.49	31.19	18.38	10.07	11.11	16.28	28.50	31.85	42.02	42.71	41.75	42.30
G 90.0	57.68	52.35	44.72	37.57	29.87	27.09	38.50	44.22	47.76	53.29	54.45	56.77	47.13
G100.0	63.84	61.13	54.64	69.29	55.44	61.24	61.08	54.75	58.46	65.11	64.94	59.24	66.89
G110.0	74.82	63.99	69.24	71.38	75.96	71.87	70.85	71.81	72.71	72.26	72.26	71.99	76.59
G120.0	87.24	84.23	82.04	81.33	76.56	76.06	78.99	76.11	72.61	75.69	84.98	80.34	77.37
G130.0	91.89	91.16	89.19	87.32	78.72	83.21	90.25	88.07	87.20	93.77	88.21	88.09	92.34
G140.0	93.92	94.47	96.81	96.46	94.74	92.11	95.43	93.19	104.19	96.76	97.66	90.85	95.55
G150.0	100.37	100.50	103.00	96.33	99.53	98.87	98.58	96.25	101.99	92.68	105.46	100.21	99.35
G160.0	96.66	92.62	91.12	92.06	95.07	102.15	98.79	92.50	96.97	103.82	103.39	97.75	93.15
G170.0	96.88	100.32	95.95	92.40	91.49	91.31	85.62	85.37	89.42	87.27	88.69	90.71	92.39
G180.0	52.90	52.90	52.90	52.90	52.90	52.90	52.90	52.90	52.90	52.90	52.90	52.90	52.90

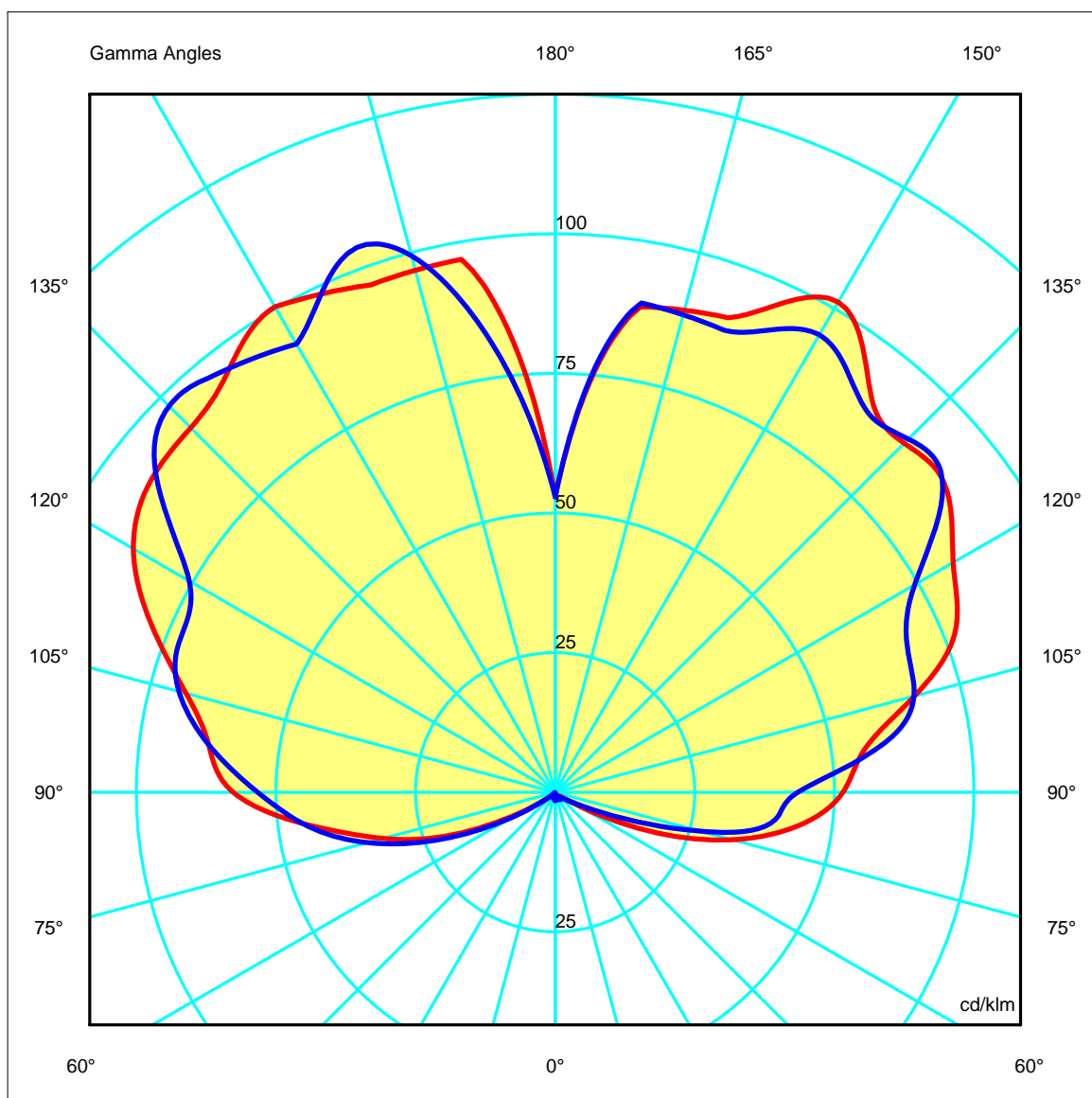
Luminaire		Measurem.		Lamp	
Code	4504	Code	4504	Code	2 led str 350mA 6.5W
Name	Double cluster wall lamp	Name	Double cluster wall lamp	Number	1
Line	VIBIA-Origami	Date	07-07-2014	Position	Universal
Efficiency	56.42%	Coordinate system	CG	Total Flux	1512.84 lm

630mm x 530mm

C Halfplanes

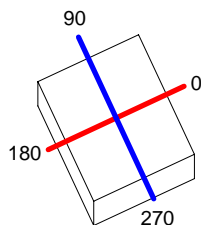


180.0 ————— 0.0
 270.0 ————— 90.0



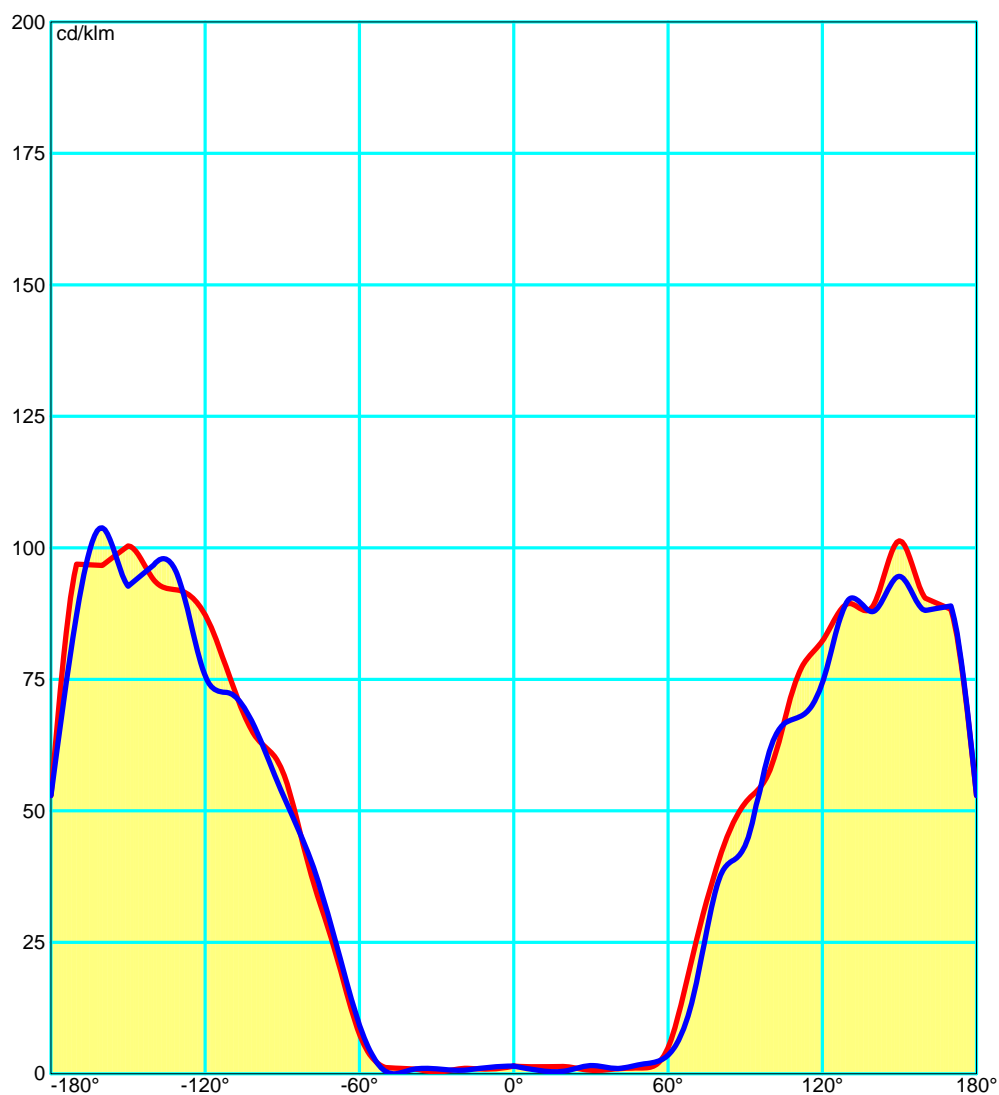
Luminaire		Measurem.		Lamp	
Code	4504	Code	4504	Code	2 led str 350mA 6.5W
Name	Double cluster wall lamp	Name	Double cluster wall lamp	Number	1
Line	VIBIA-Origami	Date	07-07-2014	Position	Universal
Efficiency	56.42%	Coordinate system	CG	Total Flux	1512.84 lm

630mm x 530mm



C Halfplanes

180.0 ————— 0.0
 270.0 ————— 90.0



Luminaire		Measurem.		Lamp	
Code	4504	Code	4504	Code	2 led str 350mA 6.5W
Name	Double cluster wall lamp	Name	Double cluster wall lamp	Number	1
Line	VIBIA-Origami	Date	07-07-2014	Position	Universal
Efficiency	56.42%	Coordinate system	CG	Total Flux	1512.84 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	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=2H y=3H	0.3	0.9	1.5	2.1	3.6	0.1	0.7	1.3	1.9	3.6
x=2H y=4H	4.1	4.6	5.3	5.8	7.8	4.3	4.9	5.5	6.1	7.8
x=2H y=6H	7.6	8.2	8.9	9.4	11.6	8.1	8.6	9.3	9.8	11.6
x=2H y=8H	9.5	10.0	10.7	11.2	13.4	9.9	10.4	11.1	11.6	13.4
x=2H y=12H	11.4	11.9	12.6	13.1	15.1	11.7	12.2	12.9	13.4	15.1
x=4H y=2H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=4H y=3H	0.7	1.2	1.9	2.4	4.5	1.0	1.5	2.3	2.7	4.5
x=4H y=4H	4.8	5.3	6.1	6.5	8.7	5.3	5.8	6.6	7.0	8.7
x=4H y=6H	8.7	9.1	10.0	10.3	12.6	9.3	9.7	10.5	10.9	12.6
x=4H y=8H	10.7	11.1	11.9	12.3	14.5	11.2	11.6	12.4	12.8	14.5
x=4H y=12H	12.7	13.1	13.9	14.3	16.4	13.1	13.4	14.3	14.6	16.4
x=8H y=4H	5.0	5.3	6.2	6.6	9.1	5.7	6.1	6.9	7.3	9.1
x=8H y=6H	9.1	9.4	10.3	10.6	13.3	10.0	10.3	11.2	11.5	13.3
x=8H y=8H	11.3	11.6	12.6	12.9	15.4	12.1	12.4	13.3	13.6	15.4
x=8H y=12H	13.7	13.9	14.9	15.2	17.5	14.2	14.5	15.5	15.7	17.5
x=12H y=4H	5.1	5.5	6.4	6.7	9.2	5.9	6.2	7.1	7.5	9.2
x=12H y=6H	9.2	9.5	10.5	10.7	13.4	10.1	10.4	11.3	11.6	13.4
x=12H y=8H	11.5	11.7	12.7	13.0	15.6	12.3	12.5	13.5	13.8	15.6

Luminaire		Measurem.		Lamp	
Code	4504	Code	4504	Code	2 led str 350mA 6.5W
Name	Double cluster wall lamp	Name	Double cluster wall lamp	Number	1
Line	VIBIA-Origami	Date	07-07-2014	Position	Universal
Efficiency	56.42%	Coordinate system	CG	Total Flux	1512.84 lm

Total Flux=1512.84 Luminaire Flux=853.49

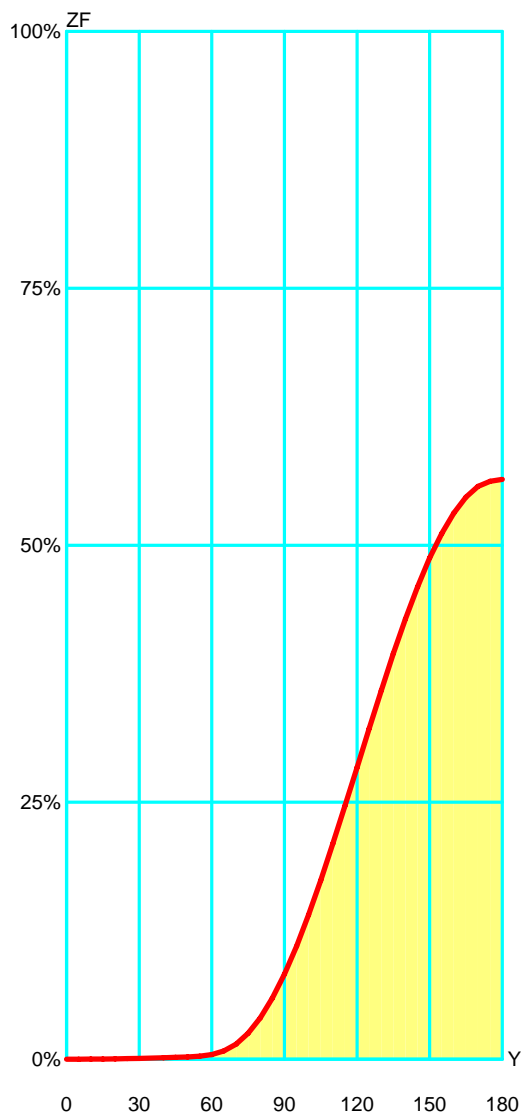
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.02	0.02	0.03	0.05	0.07	0.12	0.17	0.21	0.29	0.35	0.54	0.70
RC	-	-	-	-	-	-	-	-	-	-	-	-

		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)	0	0	1	1	2	5	15	40	83	141	210	284	359	428	488	531	557	564	

CIE Flux Codes
2 6 32 15 56

C.I.E. -/-/-/-/-/-/-/-/-/-
D DIN 5040 D13
F UTE --
B NBN BZ 10
RN 85.34321 %
BLF 1.0

LOR 56.41642 %
ULOR 48.14758 %
DLOR 8.26884 %
UFF 85.34321 %
DFF 14.65679 %
FFR 582.27763 %



Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00 %	0.00 %
5°	0.05	0.05	0.01 %	0.01 %
10°	0.07	0.12	0.01 %	0.02 %
15°	0.11	0.23	0.02 %	0.04 %
20°	0.16	0.39	0.03 %	0.07 %
25°	0.20	0.59	0.04 %	0.10 %
30°	0.24	0.84	0.04 %	0.15 %
35°	0.29	1.13	0.05 %	0.20 %
40°	0.33	1.45	0.06 %	0.26 %
45°	0.36	1.81	0.06 %	0.32 %
50°	0.43	2.24	0.08 %	0.40 %
55°	0.68	2.92	0.12 %	0.52 %
60°	1.65	4.57	0.29 %	0.81 %
65°	3.52	8.10	0.62 %	1.43 %
70°	6.56	14.65	1.16 %	2.60 %
75°	10.61	25.27	1.88 %	4.48 %
80°	14.90	40.17	2.64 %	7.12 %
85°	19.19	59.36	3.40 %	10.52 %
90°	23.32	82.69	4.13 %	14.66 %
95°	27.21	109.90	4.82 %	19.48 %
100°	30.64	140.54	5.43 %	24.91 %
105°	33.52	174.05	5.94 %	30.85 %
110°	35.57	209.62	6.30 %	37.16 %
115°	36.80	246.42	6.52 %	43.68 %
120°	37.49	283.91	6.64 %	50.32 %
125°	37.65	321.56	6.67 %	57.00 %
130°	37.11	358.66	6.58 %	63.57 %
135°	35.85	394.51	6.35 %	69.93 %
140°	33.91	428.42	6.01 %	75.94 %
145°	31.31	459.73	5.55 %	81.49 %
150°	27.93	487.66	4.95 %	86.44 %
155°	23.90	511.57	4.24 %	90.68 %
160°	19.79	531.35	3.51 %	94.18 %
165°	15.54	546.90	2.76 %	96.94 %
170°	10.43	557.33	1.85 %	98.79 %
175°	4.96	562.29	0.88 %	99.67 %
180°	1.88	564.16	0.33 %	100.00 %

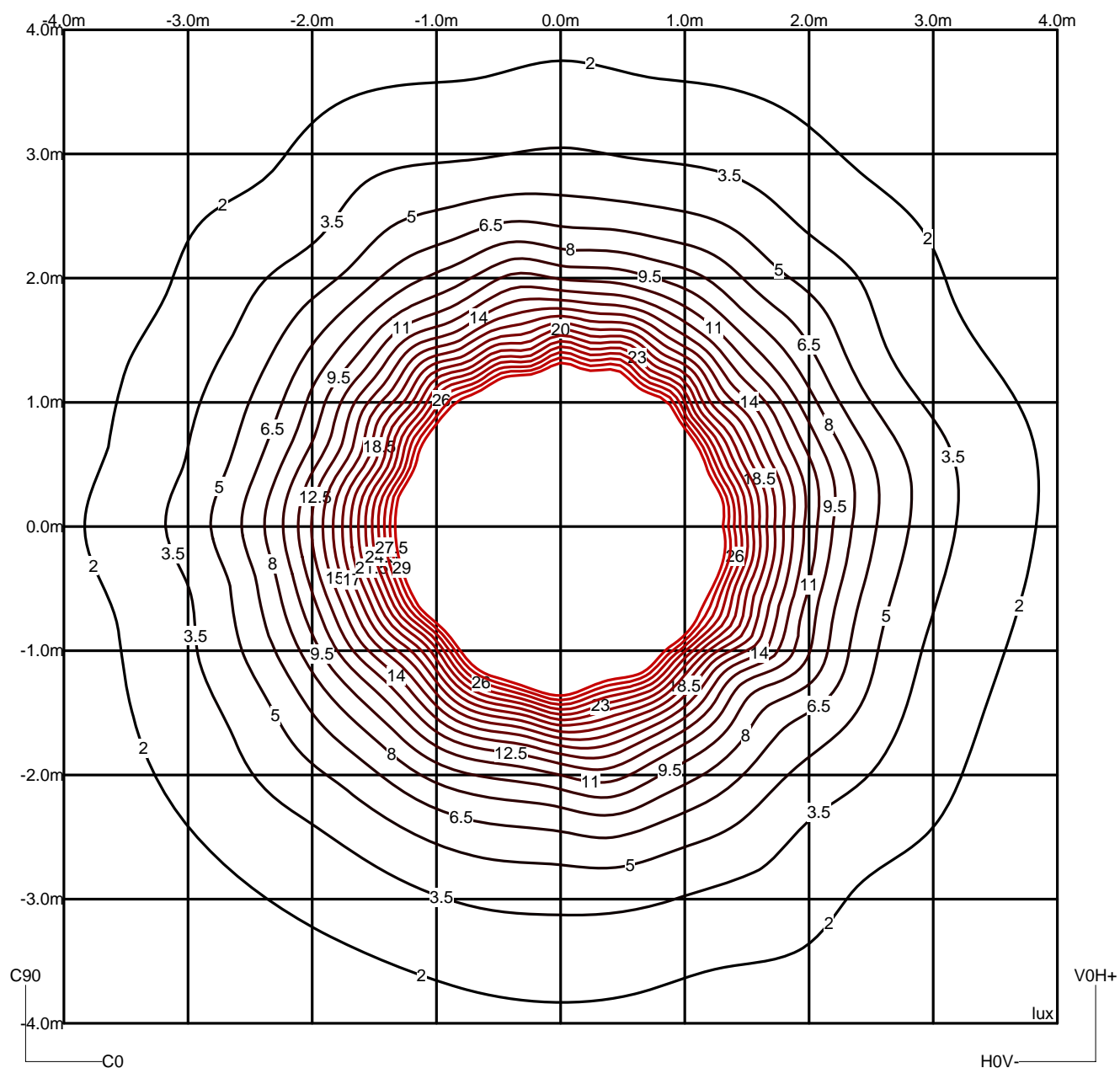
Luminaire		Measurem.		Lamp	
Code	4504	Code	4504	Code	2 led str 350mA 6.5W
Name	Double cluster wall lamp	Name	Double cluster wall lamp	Number	1
Line	VIBIA-Origami	Date	07-07-2014	Position	Universal
Efficiency	56.42%	Coordinate system	CG	Total Flux	1512.84 lm

Right beam angle not found, gamma = 30

Luminaire		Measurem.		Lamp	
Code	4504	Code	4504	Code	2 led str 350mA 6.5W
Name	Double cluster wall lamp	Name	Double cluster wall lamp	Number	1
Line	VIBIA-Origami	Date	07-07-2014	Position	Universal
Efficiency	56.42%	Coordinate system	CG	Total Flux	1512.84 lm

Isolux (Ceiling)

Luminaire position X=0.00m Y=0.00m Z=2.00m



Luminaire		Measurem.		Lamp	
Code	4504	Code	4504	Code	2 led str 350mA 6.5W
Name	Double cluster wall lamp	Name	Double cluster wall lamp	Number	1
Line	VIBIA-Origami	Date	07-07-2014	Position	Universal

Efficiency	56.42%	Coordinate system	CG	Total Flux	1512.84 lm
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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	447	402	432	390	382	372	357	303	351	299	337	254	326	222	280	272	240	266	212	228	224	194	181												
0.80	490	450	467	430	428	411	398	348	387	341	370	294	358	261	318	308	279	301	249	264	259	228	214												
1.00	520	484	488	457	460	437	428	382	413	370	394	325	380	291	347	336	308	327	278	292	287	255	241												
1.25	547	515	505	478	490	459	457	415	435	398	416	354	400	320	374	361	336	351	307	320	313	282	267												
1.50	565	537	515	493	512	474	478	440	450	417	431	375	415	343	393	381	357	370	329	341	334	304	289												
2.00	590	567	527	510	541	493	509	476	471	444	452	406	437	376	421	408	388	397	361	372	364	336	321												
2.50	606	587	533	519	560	504	530	502	483	461	466	427	451	398	439	426	409	415	384	393	385	359	344												
3.00	617	600	537	525	573	510	545	520	492	473	475	441	461	415	451	439	424	428	401	408	400	375	361												
4.00	630	617	540	531	590	518	566	545	502	487	488	461	475	438	467	456	444	447	424	429	422	399	385												
5.00	638	628	541	534	601	522	579	562	508	496	495	473	484	453	477	468	457	458	439	443	436	415	401												
10.00	654	649	541	538	622	529	608	599	520	513	511	499	503	486	498	491	485	484	474	472	467	451	438												
20.00	661	658	539	537	633	530	624	619	524	521	519	513	514	505	508	503	500	499	494	488	485	471	459												

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	191	167	172	151	154	140	121	97	113	91	95	63	81	46	79	67	55	58	40	48	42	31	24
0.80	231	207	204	184	189	169	154	127	141	117	121	86	106	65	100	87	74	77	56	63	56	41	32
1.00	263	239	228	209	217	191	181	154	163	140	143	107	127	84	119	105	91	94	72	77	69	50	40
1.25	294	272	251	234	246	213	210	183	186	164	165	131	149	106	138	124	110	112	90	92	84	61	49
1.50	319	299	269	253	269	231	234	208	205	185	185	151	168	126	154	140	127	129	106	105	97	71	58
2.00	357	339	296	283	305	259	272	248	235	217	215	185	199	160	181	167	155	155	134	128	119	89	73
2.50	385	370	316	305	332	279	301	279	258	242	239	212	223	187	202	189	177	177	157	146	138	104	86
3.00	407	393	332	323	353	296	324	305	276	262	258	233	243	210	219	206	196	195	177	162	154	117	98
4.00	441	430	357	350	386	322	361	344	304	293	289	268	275	246	246	235	226	224	209	187	180	140	118
5.00	466	456	376	370	411	341	388	374	326	316	312	294	299	274	267	257	249	247	233	207	200	158	135
10.00	539	533	436	433	484	403	468	460	392	387	383	372	374	358	332	325	320	318	309	271	266	218	191
20.00	607	604	497	495	552	464	543	538	458	454	451	445	445	436	397	392	389	387	382	336	333	281	252

Working Pl.

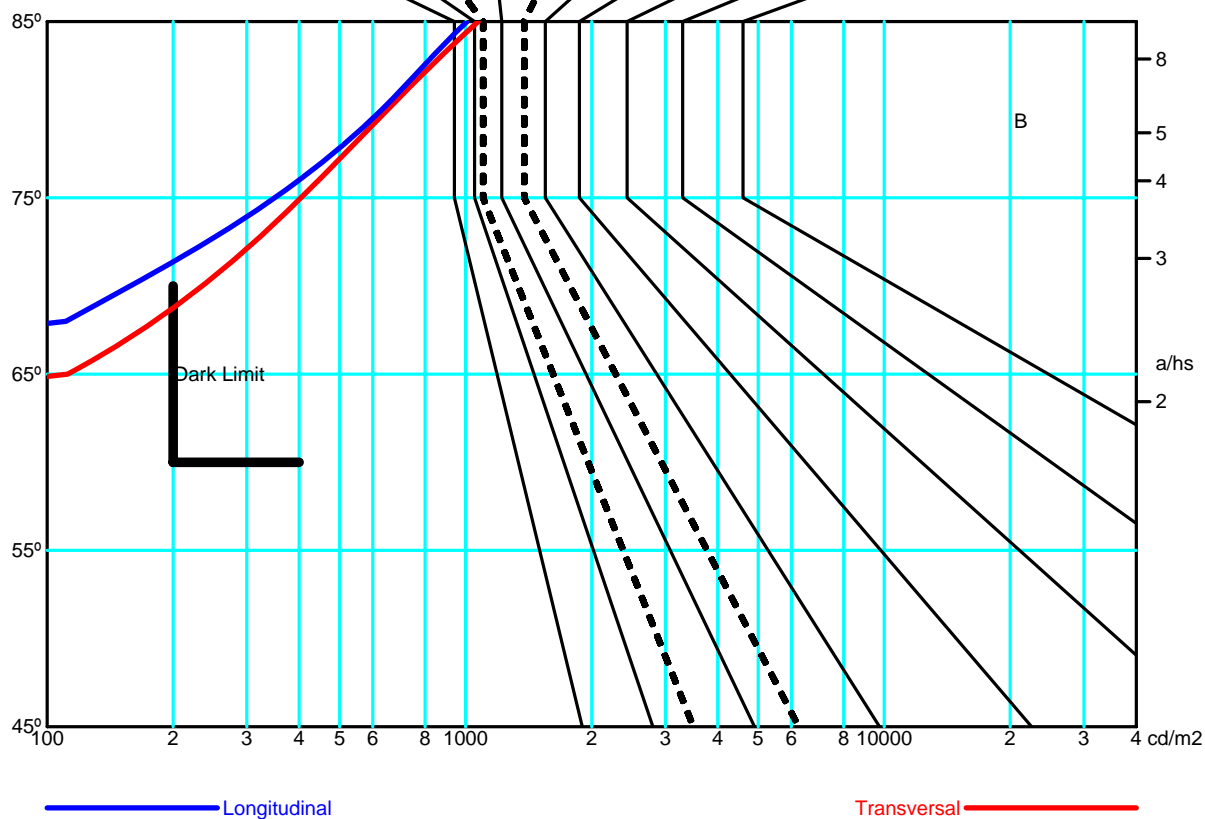
K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000
0.60	192	166	179	156	150	141	110	85	106	82	82	50	65	31	66	51	39	40	23	30	22	9	2
0.80	243	215	224	199	191	178	148	119	141	114	114	75	94	50	89	72	57	58	36	41	32	12	2
1.00	283	255	258	234	225	208	180	149	170	142	142	99	121	69	109	91	75	76	50	53	42	16	3
1.25	323	296	291	268	260	238	214	182	200	171	172	126	149	93	131	111	94	96	67	65	54	21	4
1.50	354	328	317	295	287	261	242	210	225	196	196	150	172	116	148	129	111	113	83	76	65	26	6
2.00	400	377	352	334	327	294	285	254	261	235	233	190	210	154	176	157	140	141	111	94	83	34	10
2.50	432	411	377	361	356	317	316	288	287	263	261	220	238	185	196	178	162	162	134	108	98	42	14
3.00	455	436	394	380	377	334	340	314	306	285	282	244	260	210	212	195	180	179	153	120	109	48	17
4.00	486	471	417	406	407	357	374	352	333	315	311	280	292	248	234	219	206	205	181	137	127	58	24
5.00	507	495	432	423	426	372	397	378	351	336	332	304	314	276	249	235	224	222	202	149	140	66	29
10.00	554	547	466	461	471	406	452	441	393	384	380	364	368	344	286	276	270	267	254	181	174	87	44
20.00	582	578	485	482	498	426	486	480	418	413	410	401	402	390	309	303	299	297	290	202	198	104	57

LM53 SHR C0-C180: 0.933 SHR C90-C270: 0.281 SHR Square: 1.067

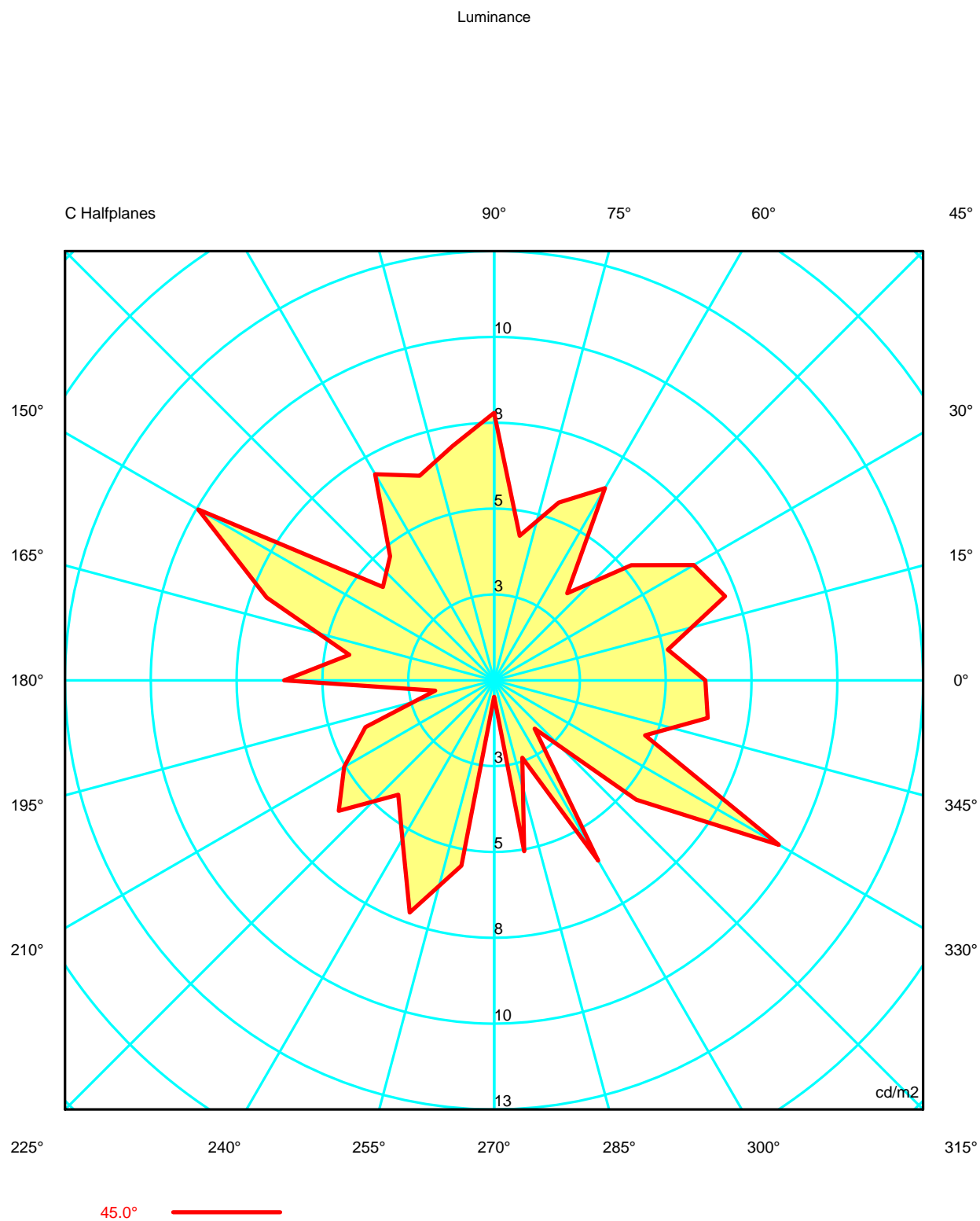
Luminaire		Measur.		Lamp	
Code	4504	Code	4504	Code	2 led str 350mA 6.5W
Name	Double cluster wall lamp	Name	Double cluster wall lamp	Number	1
Line	VIBIA-Origami	Date	07-07-2014	Position	Universal
Efficiency	56.42%	Coordinate system	CG	Total Flux	1512.84 lm

Average Luminance [cd/m ²]										
0.0°	45°	50°	55°	60°	65°	70°	75°	80°	85°	
	6	7	11	38	112	235	404	651	1072	---
90.0°	8	12	15	28	65	158	350	630	1008	---

Flush mounted or transversal 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	4504	Code	4504	Code	2 led str 350mA 6.5W
Name	Double cluster wall lamp	Name	Double cluster wall lamp	Number	1
Line	VIBIA-Origami	Date	07-07-2014	Position	Universal
Efficiency	56.42%	Coordinate system	CG	Total Flux	1512.84 lm



Luminaire				Measurem.							Lamp				
Code	4504			Code	4504							Code	2 led str 350mA 6.5W		
Name	Double cluster wall lamp			Name	Double cluster wall lamp							Number	1		
Line	VIBIA-Origami			Date	07-07-2014							Position	Universal		
Efficiency				56.42%				Coordinate system		CG		Total Flux		1512.84 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	6.63	6.63	6.63	6.63	6.63	6.63	6.63	6.63	6.63	6.63	6.63	6.63	6.63	6.63	
G 5.0	6.11	6.60	7.30	5.57	3.88	4.09	3.76	4.10	4.95	4.54	3.85	4.13	4.52		
G 10.0	6.04	6.62	6.96	5.39	2.88	2.87	2.06	3.43	4.20	2.80	2.32	2.97	3.16		
G 15.0	6.21	6.96	5.15	5.89	4.60	3.81	2.30	5.49	4.91	1.78	2.88	3.97	3.08		
G 20.0	6.43	6.74	3.67	6.44	7.10	6.21	4.06	7.31	6.02	2.50	4.84	6.11	4.07		
G 25.0	4.80	5.46	4.45	4.21	8.17	8.79	6.41	5.95	6.33	5.41	7.19	8.15	5.74		
G 30.0	3.27	4.70	5.32	2.70	7.37	9.10	7.42	3.19	5.48	7.72	9.00	9.76	7.29		
G 35.0	3.66	5.86	5.28	4.93	5.14	5.56	5.73	1.70	3.68	6.81	9.43	10.65	7.95		
G 40.0	5.09	6.46	5.41	7.61	3.78	2.20	4.38	2.36	2.62	5.61	8.47	9.68	7.72		
G 45.0	6.15	5.14	7.16	6.72	5.22	3.31	6.46	5.51	4.27	7.79	6.93	6.34	6.93		
G 50.0	6.91	3.67	7.99	4.68	6.09	4.85	7.96	10.51	9.28	11.63	8.50	4.93	6.55		
G 55.0	11.03	13.09	19.10	6.61	13.02	12.06	11.39	19.07	20.13	15.47	17.99	11.63	7.90		
G 60.0	37.74	43.34	32.69	19.59	21.48	20.84	15.62	45.94	49.71	27.59	38.15	31.18	12.44		
G 65.0	112.02	108.49	111.07	57.56	82.86	82.06	60.16	112.50	116.90	64.61	74.09	68.93	24.09		
G 70.0	234.81	219.47	238.26	157.92	202.30	193.98	151.02	232.16	235.48	157.97	142.88	129.15	57.80		
G 75.0	403.98	390.39	398.14	366.92	389.63	359.58	298.54	416.46	421.11	349.68	272.32	221.26	137.90		
G 80.0	650.68	634.84	599.98	649.64	637.92	594.80	505.20	650.58	677.75	630.02	486.88	377.64	287.39		
G 85.0	1072.15	1003.88	901.37	953.45	953.61	950.05	798.12	933.72	1046.05	1007.64	864.13	685.33	559.63		
G 90.0	2062.71	1822.21	1632.19	1567.21	1553.87	1639.49	1440.65	1593.42	1965.08	2065.56	1876.51	1456.56	1163.28		

Luminaire					Measurem.					Lamp			
Code	4504				Code	4504				Code	2 led str 350mA 6.5W		
Name	Double cluster wall lamp				Name	Double cluster wall lamp				Number	1		
Line	VIBIA-Origami				Date	07-07-2014				Position	Universal		
Efficiency		56.42%			Coordinate system		CG			Total Flux		1512.84 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	6.63	6.63	6.63	6.63	6.63	6.63	6.63	6.63	6.63	6.63	6.63	6.63	6.63
G 5.0	4.58	4.33	3.51	3.37	5.25	4.84	5.16	6.41	6.43	7.58	8.16	7.63	6.18
G 10.0	3.55	2.79	1.68	1.95	4.28	4.01	4.03	5.34	5.66	7.14	7.92	7.81	5.85
G 15.0	4.04	2.45	1.85	3.26	3.89	4.50	3.42	3.02	3.97	4.55	5.03	6.71	5.65
G 20.0	4.68	2.83	2.79	4.64	3.48	4.64	3.35	1.19	2.17	1.67	2.20	5.49	5.26
G 25.0	4.04	3.38	3.34	3.62	2.57	2.99	3.75	1.66	1.29	0.71	2.70	5.31	4.48
G 30.0	2.50	4.10	4.78	2.51	2.08	1.74	4.46	3.99	1.98	2.32	3.25	5.40	3.98
G 35.0	1.05	4.94	8.25	4.00	2.85	3.20	5.09	6.85	4.34	6.07	3.42	4.85	4.49
G 40.0	1.40	5.18	10.93	6.20	3.44	5.07	4.34	7.48	6.10	8.33	3.38	4.54	5.90
G 45.0	4.72	4.23	9.96	7.05	4.28	6.12	1.74	3.99	5.04	5.91	4.35	5.34	7.20
G 50.0	7.96	3.55	8.89	10.63	5.28	7.38	2.59	1.72	3.20	3.69	5.85	5.34	8.74
G 55.0	9.94	5.68	13.75	24.82	18.69	20.46	14.70	8.77	5.08	7.73	7.06	7.27	15.17
G 60.0	12.39	14.31	30.54	63.67	55.72	57.24	45.12	31.87	19.35	14.63	8.31	9.68	23.11
G 65.0	31.64	35.39	65.64	141.01	130.92	132.61	100.36	78.73	55.22	19.29	11.90	35.73	64.61
G 70.0	78.24	79.66	119.36	239.58	241.95	244.38	175.06	155.29	106.28	28.32	28.18	76.73	137.79
G 75.0	167.80	163.69	195.74	338.28	387.13	392.57	268.40	271.96	164.78	58.00	73.36	128.16	247.70
G 80.0	308.27	304.29	333.01	498.60	610.64	634.96	445.74	455.20	262.61	142.89	158.74	237.52	430.49
G 85.0	534.28	553.11	621.47	868.84	1027.88	1124.03	862.55	773.08	493.23	360.17	325.78	521.90	778.34
G 90.0	1102.97	1177.38	1276.99	1706.69	1963.36	2308.55	1852.65	1458.08	1168.70	914.89	842.28	1254.06	1562.54

Luminaire					Measurem.					Lamp			
Code	4504				Code	4504				Code	2 led str 350mA 6.5W		
Name	Double cluster wall lamp				Name	Double cluster wall lamp				Number	1		
Line	VIBIA-Origami				Date	07-07-2014				Position	Universal		
Efficiency		56.42%			Coordinate system		CG			Total Flux		1512.84 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	6.63	6.63	6.63	6.63	6.63	6.63	6.63	6.63	6.63	6.63	6.63	6.63	6.63
G 5.0	4.84	5.16	6.41	6.43	7.58	8.16	7.63	6.18	6.40	6.27	6.04	5.69	5.45
G 10.0	4.01	4.03	5.34	5.66	7.14	7.92	7.81	5.85	6.22	5.50	5.04	4.54	4.50
G 15.0	4.50	3.42	3.02	3.97	4.55	5.03	6.71	5.65	4.63	4.14	3.52	3.12	3.89
G 20.0	4.64	3.35	1.19	2.17	1.67	2.20	5.49	5.26	3.24	3.15	2.82	2.33	3.48
G 25.0	2.99	3.75	1.66	1.29	0.71	2.70	5.31	4.48	3.56	3.50	3.92	2.93	3.23
G 30.0	1.74	4.46	3.99	1.98	2.32	3.25	5.40	3.98	3.93	4.63	4.45	3.84	3.76
G 35.0	3.20	5.09	6.85	4.34	6.07	3.42	4.85	4.49	4.24	5.41	2.30	3.77	4.76
G 40.0	5.07	4.34	7.48	6.10	8.33	3.38	4.54	5.90	4.52	4.10	1.18	2.86	5.88
G 45.0	6.12	1.74	3.99	5.04	5.91	4.35	5.34	7.20	5.48	0.48	5.05	2.40	6.06
G 50.0	7.38	2.59	1.72	3.20	3.69	5.85	5.34	8.74	7.54	3.22	9.36	6.88	6.31
G 55.0	20.46	14.70	8.77	5.08	7.73	7.06	7.27	15.17	13.15	24.52	19.76	22.58	22.10
G 60.0	57.24	45.12	31.87	19.35	14.63	8.31	9.68	23.11	34.78	72.35	32.61	55.55	56.58
G 65.0	132.61	100.36	78.73	55.22	19.29	11.90	35.73	64.61	88.77	155.00	104.55	114.39	117.10
G 70.0	244.38	175.06	155.29	106.28	28.32	28.18	76.73	137.79	176.41	277.37	231.66	212.46	221.41
G 75.0	392.57	268.40	271.96	164.78	58.00	73.36	128.16	247.70	300.62	449.89	414.51	372.42	392.17
G 80.0	634.96	445.74	455.20	262.61	142.89	158.74	237.52	430.49	505.62	711.93	678.03	630.65	616.97
G 85.0	1124.03	862.55	773.08	493.23	360.17	325.78	521.90	778.34	911.15	1190.71	1112.03	1075.00	894.76
G 90.0	2308.55	1852.65	1458.08	1168.70	914.89	842.28	1254.06	1562.54	1907.48	2535.03	2174.38	2006.00	1535.17