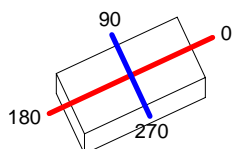


<b>Luminaire</b>		<b>Measurem.</b>		<b>Lamp</b>		
Code	6045	Code	6045	Code	1 led 350mA 3.7W	
Name	Wall lamp shelf with reading	Name	Wall lamp shelf with reading	Number	2	
Line	VIBIA-Suite	Date	23-05-2014	Position		
Efficiency	20.74%	Coordinate system	CG	Total Flux	557.84 lm	
Maximum value	142.29 cd/klm	Position	C=250.00 G=30.00	Asymmetrical		
Rectangular Luminaire	Length	160 mm	Width	320 mm	Height	290 mm
Rectangular Luminous Area	Length	18 mm	Width	218 mm	Height	0 mm
Horizontal Luminous Area	0.003924 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°		0.000949 m2		
Symmetry Type	Asymmetrical	Maximum Gamma Angle		180		
Measurement Distance	0.00	Measurement Flux		557.00 lm		
Operator		Source voltage		230.00 V		
Temperature	20.00 °C	Source current				
Humidity	50.00 %	Photocell				
Notes						
<b>Luminaire Lamps</b>						
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty	
- VIBIA	1 led 350mA 3.7W	1 led 350mA 3.7W	426.00	4.00	1	
- VIBIA	1xLED STRIP 24V1.63W	Lámpara leds 1.63W	131.84	2.00	1	
C.I.E.	58 84 95 99 21	D DIN 5040	A41			
F UTE	0.21 D	B NBN	BZ 4			

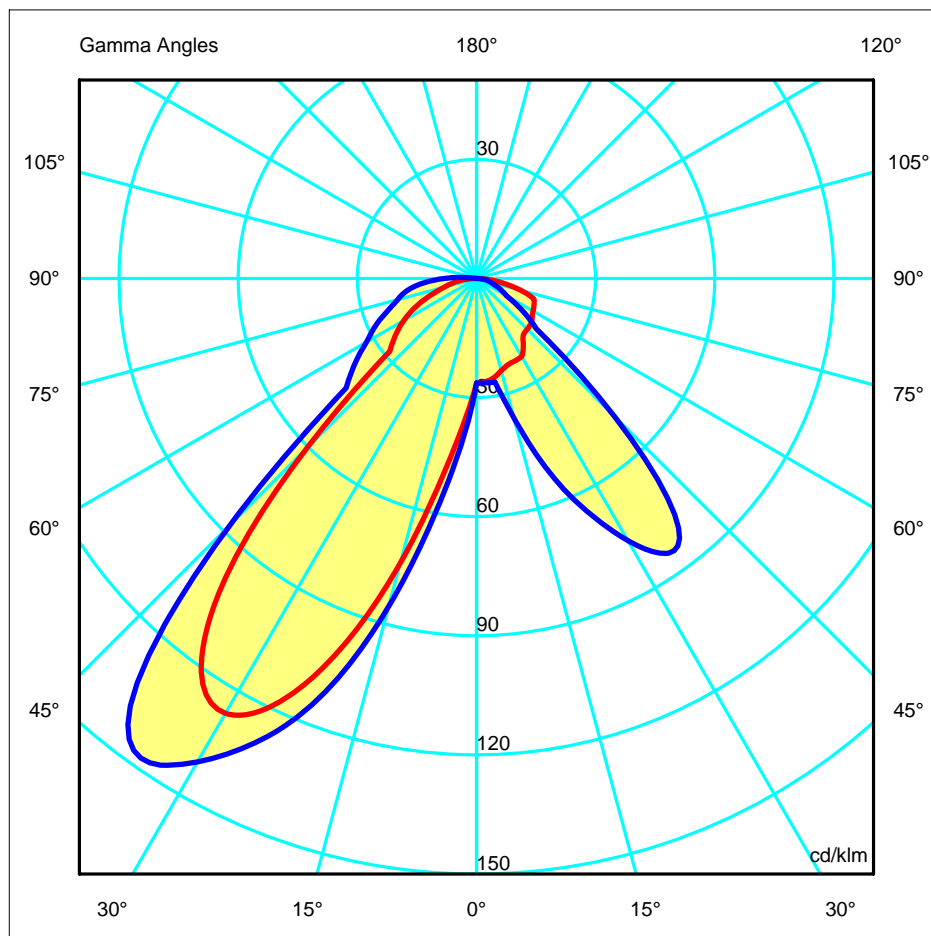
160mm x 320mm



C Halfplanes

180.0 — 0.0  
 270.0 — 90.0

ULOR 0.16 %  
 DLOR 20.58 %  
 RN 0.77 %



<b>Luminaire</b>				<b>Measurem.</b>				<b>Lamp</b>					
Code	6045			Code	6045			Code	1 led 350mA 3.7W				
Name	Wall lamp shelf with reading			Name	Wall lamp shelf with reading			Number	2				
Line	VIBIA-Suite			Date	23-05-2014			Position					
Efficiency				20.74%		Coordinate system		CG		Total Flux		557.84 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	26.34	26.34	26.34	26.34	26.34	26.34	26.34	26.34	26.34	26.34	26.34	26.34	26.34
G 10.0	25.34	25.31	25.61	26.05	26.17	25.25	25.27	25.77	25.55	26.48	26.93	27.96	30.48
G 20.0	23.09	23.66	25.75	25.72	27.79	33.48	41.70	45.67	48.03	50.33	49.16	56.36	67.21
G 30.0	22.72	22.11	22.37	31.48	45.16	57.91	66.64	68.82	72.24	76.13	76.60	82.11	88.15
G 40.0	18.30	19.77	23.10	35.25	35.72	44.29	68.74	54.31	58.70	77.67	76.18	79.27	67.23
G 50.0	17.83	17.48	16.79	10.97	9.23	12.63	17.01	15.55	16.46	19.60	19.85	16.13	13.74
G 60.0	16.47	13.96	9.18	6.75	9.02	9.51	7.74	8.80	7.27	8.72	10.98	8.47	7.93
G 70.0	15.46	9.22	4.53	6.66	4.49	4.33	6.97	4.25	5.13	5.04	6.10	6.31	5.43
G 80.0	6.95	2.87	2.29	3.22	1.63	1.83	3.70	1.94	0.83	2.79	2.35	2.36	2.09
G 90.0	1.06	0.46	0.66	0.30	0.22	0.00	0.29	0.34	0.18	0.34	0.31	0.38	0.31
G100.0	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
G110.0	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
G120.0	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
G130.0	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
G140.0	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
G150.0	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
G160.0	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
G170.0	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
G180.0	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

<b>Luminaire</b>				<b>Measurem.</b>				<b>Lamp</b>					
Code	6045			Code	6045			Code	1 led 350mA 3.7W				
Name	Wall lamp shelf with reading			Name	Wall lamp shelf with reading			Number	2				
Line	VIBIA-Suite			Date	23-05-2014			Position					
Efficiency	20.74%			Coordinate system	CG			Total Flux	557.84 lm				
<b>Luminous Intensity Table cd/klm</b>								<b>Table 2/3</b>					
	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	26.34	26.34	26.34	26.34	26.34	26.34	26.34	26.34	26.34	26.34	26.34	26.34	26.34
G 10.0	34.83	40.56	45.88	49.66	51.06	51.55	52.13	52.83	55.08	55.65	56.75	57.46	57.19
G 20.0	73.51	76.81	81.99	89.07	97.46	98.72	100.09	103.58	103.86	109.33	111.97	107.52	108.24
G 30.0	97.44	106.67	108.91	115.18	128.24	126.44	133.79	137.08	131.71	133.00	136.77	133.64	142.29
G 40.0	74.91	84.66	79.06	102.83	115.94	98.20	115.05	108.46	91.18	113.81	109.14	99.80	117.86
G 50.0	17.33	15.26	16.60	29.95	35.15	28.50	33.39	34.15	32.75	37.85	37.86	35.73	36.54
G 60.0	9.38	8.65	6.22	14.38	19.53	21.31	21.51	22.31	21.77	26.94	26.30	28.02	28.79
G 70.0	5.09	5.51	3.89	5.16	9.49	12.45	15.88	15.53	18.68	18.73	20.89	22.79	22.13
G 80.0	3.07	2.54	1.93	1.93	4.20	5.79	9.33	9.97	9.93	14.05	15.78	15.34	17.31
G 90.0	0.08	0.53	0.35	0.38	0.48	0.72	2.19	2.74	3.75	6.14	6.57	6.69	8.18
G100.0	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
G110.0	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
G120.0	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
G130.0	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
G140.0	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
G150.0	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
G160.0	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
G170.0	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
G180.0	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

<b>Luminaire</b>				<b>Measurem.</b>				<b>Lamp</b>					
Code	6045			Code	6045			Code	1 led 350mA 3.7W				
Name	Wall lamp shelf with reading			Name	Wall lamp shelf with reading			Number	2				
Line	VIBIA-Suite			Date	23-05-2014			Position					
Efficiency		20.74%		Coordinate system		CG		Total Flux		557.84 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	26.34	26.34	26.34	26.34	26.34	26.34	26.34	26.34	26.34	26.34	26.34	26.34	26.34
G 10.0	51.55	52.13	52.83	55.08	55.65	56.75	57.46	57.19	59.71	60.25	57.75	55.70	51.46
G 20.0	98.72	100.09	103.58	103.86	109.33	111.97	107.52	108.24	107.84	110.46	112.99	107.48	97.26
G 30.0	126.44	133.79	137.08	131.71	133.00	136.77	133.64	142.29	139.50	140.55	136.85	133.05	130.60
G 40.0	98.20	115.05	108.46	91.18	113.81	109.14	99.80	117.86	140.87	132.96	113.12	103.14	121.20
G 50.0	28.50	33.39	34.15	32.75	37.85	37.86	35.73	36.54	41.46	42.82	37.78	40.03	42.96
G 60.0	21.31	21.51	22.31	21.77	26.94	26.30	28.02	28.79	29.41	31.97	28.59	29.28	27.53
G 70.0	12.45	15.88	15.53	18.68	18.73	20.89	22.79	22.13	24.16	23.97	24.46	21.57	21.63
G 80.0	5.79	9.33	9.97	9.93	14.05	15.78	15.34	17.31	18.50	17.89	17.71	17.61	14.90
G 90.0	0.72	2.19	2.74	3.75	6.14	6.57	6.69	8.18	7.64	8.23	9.24	8.18	7.17
G100.0	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
G110.0	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
G120.0	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
G130.0	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
G140.0	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
G150.0	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
G160.0	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
G170.0	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
G180.0	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

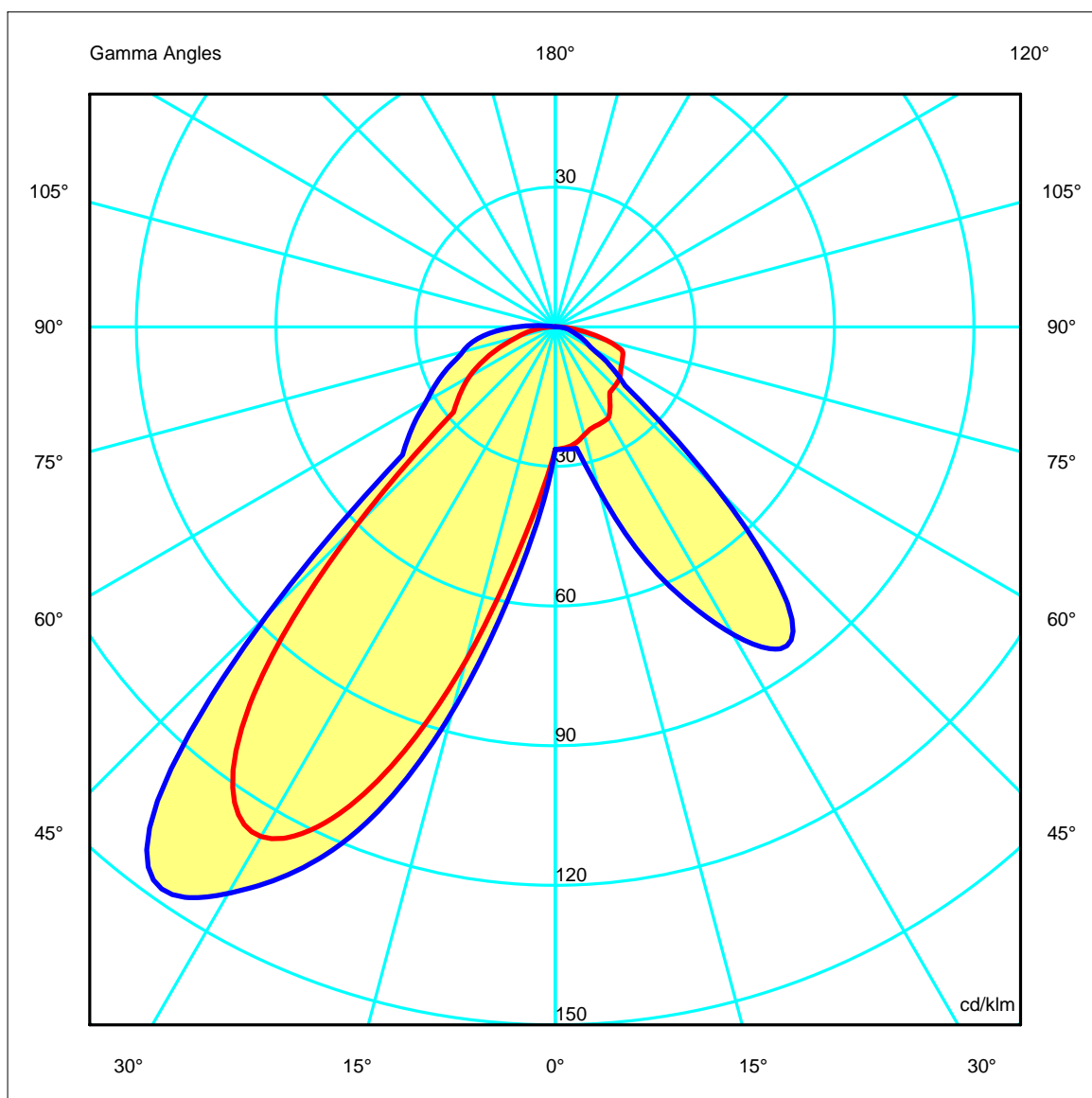
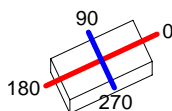
<b>Luminaire</b>		<b>Measur.</b>		<b>Lamp</b>	
Code	6045	Code	6045	Code	1 led 350mA 3.7W
Name	Wall lamp shelf with reading	Name	Wall lamp shelf with reading	Number	2
Line	VIBIA-Suite	Date	23-05-2014	Position	
Efficiency	20.74%	Coordinate system	CG	Total Flux	557.84 lm

160mm x 320mm

C Halfplanes

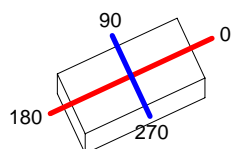
180.0 ————— 0.0

270.0 ————— 90.0



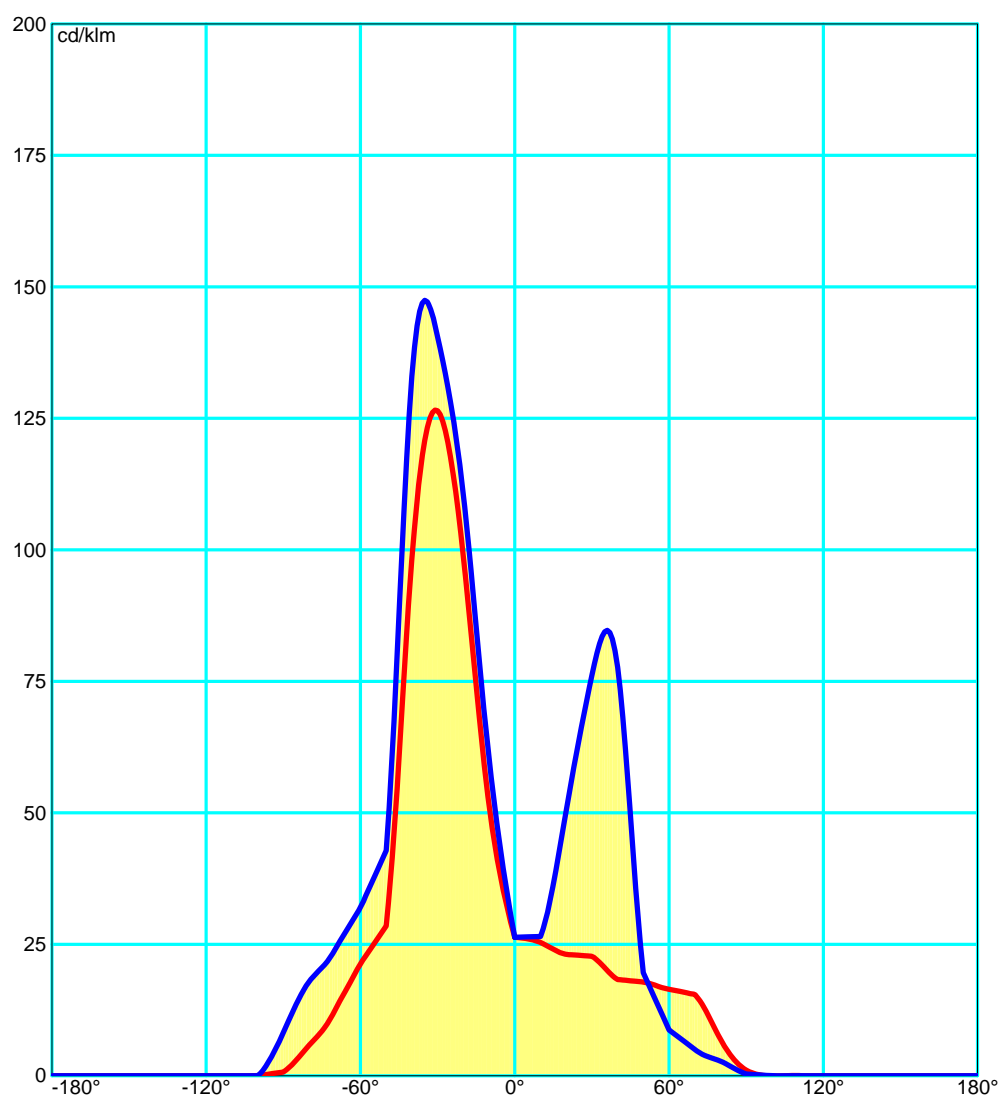
<b>Luminaire</b>		<b>Measur.</b>		<b>Lamp</b>	
Code	6045	Code	6045	Code	1 led 350mA 3.7W
Name	Wall lamp shelf with reading	Name	Wall lamp shelf with reading	Number	2
Line	VIBIA-Suite	Date	23-05-2014	Position	
Efficiency	20.74%	Coordinate system	CG	Total Flux	557.84 lm

160mm x 320mm



C Halfplanes

180.0 — 0.0  
 270.0 — 90.0



<b>Luminaire</b>		<b>Measurem.</b>		<b>Lamp</b>	
Code	6045	Code	6045	Code	1 led 350mA 3.7W
Name	Wall lamp shelf with reading	Name	Wall lamp shelf with reading	Number	2
Line	VIBIA-Suite	Date	23-05-2014	Position	
Efficiency	20.74%	Coordinate system	CG	Total Flux	557.84 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	19.5	20.7	19.8	20.9	22.9	21.2	22.4	21.5	22.6	22.9
x=2H y=3H	20.4	21.5	20.7	21.7	24.5	22.8	23.9	23.1	24.2	24.5
x=2H y=4H	20.8	21.8	21.1	22.1	25.5	23.8	24.8	24.2	25.1	25.5
x=2H y=6H	21.2	22.2	21.6	22.4	26.5	25.0	25.9	25.4	26.2	26.5
x=2H y=8H	21.4	22.3	21.8	22.6	27.3	25.7	26.6	26.1	26.9	27.3
x=2H y=12H	21.5	22.4	21.9	22.7	27.8	26.3	27.2	26.7	27.5	27.8
x=4H y=2H	19.9	20.9	20.2	21.1	23.3	21.6	22.6	22.0	22.9	23.3
x=4H y=3H	21.0	21.8	21.3	22.1	25.0	23.5	24.4	23.9	24.7	25.0
x=4H y=4H	21.5	22.3	22.0	22.7	26.2	24.8	25.5	25.2	25.9	26.2
x=4H y=6H	22.2	22.9	22.6	23.2	27.7	26.2	26.9	26.6	27.3	27.7
x=4H y=8H	22.5	23.1	22.9	23.6	28.5	27.1	27.7	27.5	28.1	28.5
x=4H y=12H	22.7	23.3	23.2	23.7	29.3	27.8	28.4	28.3	28.8	29.3
x=8H y=4H	22.2	22.8	22.6	23.2	26.6	25.2	25.8	25.6	26.3	26.6
x=8H y=6H	23.0	23.4	23.4	23.9	28.3	26.9	27.4	27.4	27.9	28.3
x=8H y=8H	23.4	23.8	23.8	24.3	29.3	27.9	28.4	28.4	28.8	29.3
x=8H y=12H	23.8	24.2	24.3	24.6	30.3	28.9	29.3	29.5	29.8	30.3
x=12H y=4H	22.2	22.8	22.7	23.3	26.7	25.2	25.8	25.7	26.2	26.7
x=12H y=6H	23.3	23.8	23.8	24.2	28.4	27.1	27.5	27.5	28.0	28.4
x=12H y=8H	23.8	24.2	24.3	24.6	29.5	28.1	28.5	28.6	29.0	29.5

<b>Luminaire</b>		<b>Measur.</b>		<b>Lamp</b>	
Code	6045	Code	6045	Code	1 led 350mA 3.7W
Name	Wall lamp shelf with reading	Name	Wall lamp shelf with reading	Number	2
Line	VIBIA-Suite	Date	23-05-2014	Position	
Efficiency	20.74%	Coordinate system	CG	Total Flux	557.84 lm

Total Flux=557.84 Luminaire Flux=115.70

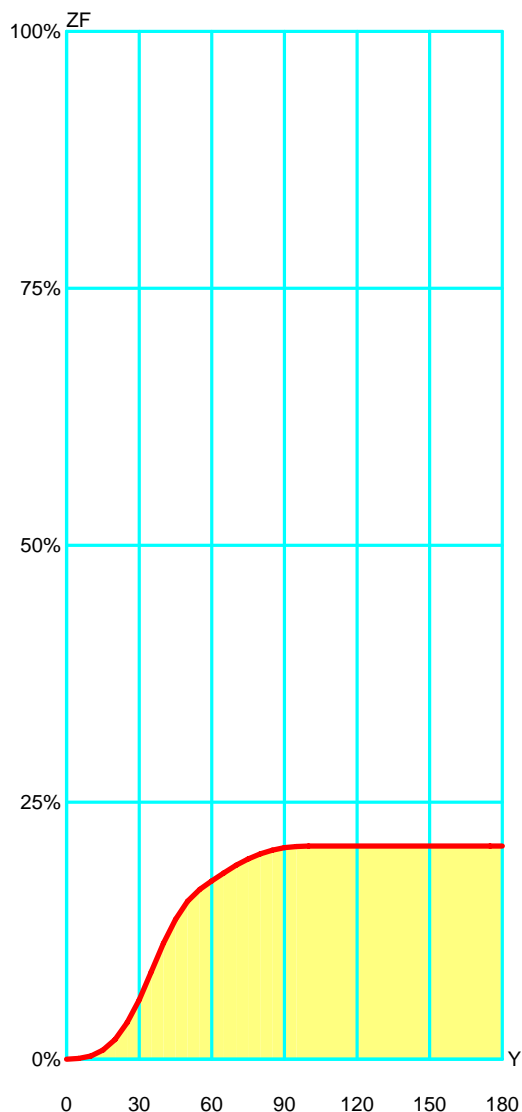
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.39	0.47	0.54	0.60	0.65	0.73	0.78	0.81	0.85	0.88	0.93	0.96
RC	4	4	4	4	4	4	4	4	4	4	4	4

Zonal Flux per 1000 Lumen																		
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	3	19	58	113	154	173	189	200	206	207	207	207	207	207	207	207	207	207

CIE Flux Codes  
58 84 95 99 21

C.I.E. 4  
D DIN 5040 A41  
F UTE 0.21 D  
B NBN BZ 4  
RN 0.76897 %  
BLF 1.0

LOR 20.74024 %  
ULOR 0.15949 %  
DLOR 20.58076 %  
UFF 0.76897 %  
DFF 99.23103 %  
FFR 0.77492 %



Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00 %	0.00 %
5°	0.79	0.79	0.38 %	0.38 %
10°	2.40	3.19	1.16 %	1.54 %
15°	5.62	8.81	2.71 %	4.25 %
20°	10.36	19.18	5.00 %	9.25 %
25°	16.33	35.51	7.87 %	17.12 %
30°	22.33	57.84	10.77 %	27.89 %
35°	27.23	85.07	13.13 %	41.01 %
40°	27.65	112.71	13.33 %	54.35 %
45°	23.46	136.18	11.31 %	65.66 %
50°	17.58	153.75	8.47 %	74.13 %
55°	11.48	165.23	5.53 %	79.67 %
60°	8.23	173.46	3.97 %	83.63 %
65°	7.85	181.31	3.79 %	87.42 %
70°	7.37	188.68	3.56 %	90.98 %
75°	6.19	194.88	2.99 %	93.96 %
80°	4.90	199.78	2.36 %	96.33 %
85°	3.64	203.43	1.76 %	98.08 %
90°	2.38	205.81	1.15 %	99.23 %
95°	1.19	207.00	0.57 %	99.81 %
100°	0.40	207.40	0.19 %	100.00 %
105°	0.00	207.40	0.00 %	100.00 %
110°	0.00	207.40	0.00 %	100.00 %
115°	0.00	207.40	0.00 %	100.00 %
120°	0.00	207.40	0.00 %	100.00 %
125°	0.00	207.40	0.00 %	100.00 %
130°	0.00	207.40	0.00 %	100.00 %
135°	0.00	207.40	0.00 %	100.00 %
140°	0.00	207.40	0.00 %	100.00 %
145°	0.00	207.40	0.00 %	100.00 %
150°	0.00	207.40	0.00 %	100.00 %
155°	0.00	207.40	0.00 %	100.00 %
160°	0.00	207.40	0.00 %	100.00 %
165°	0.00	207.40	0.00 %	100.00 %
170°	0.00	207.40	0.00 %	100.00 %
175°	0.00	207.40	0.00 %	100.00 %
180°	0.00	207.40	0.00 %	100.00 %

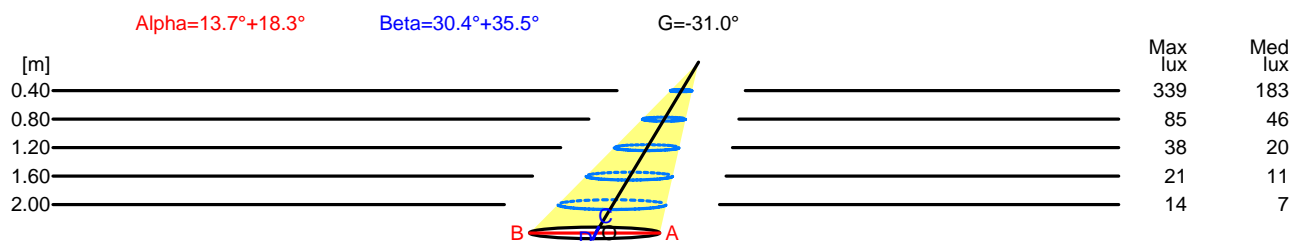


<b>Luminaire</b>		<b>Measur.</b>		<b>Lamp</b>	
Code	6045	Code	6045	Code	1 led 350mA 3.7W
Name	Wall lamp shelf with reading	Name	Wall lamp shelf with reading	Number	2
Line	VIBIA-Suite	Date	23-05-2014	Position	
Efficiency	20.74%	Coordinate system	CG	Total Flux	557.84 lm

Width at 50.00 % of Max Intensity

H[m]	0.40	0.80	1.20	1.60	2.00	H[m]	0.40	0.80	1.20	1.60	2.00
OA	0.15	0.30	0.45	0.60	0.75	OC	0.27	0.55	0.82	1.09	1.37
OB	0.15	0.31	0.46	0.62	0.77	OD	0.33	0.67	1.00	1.33	1.67

	Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	14.69	14.53	13.41	12.78	11.45	10.08	9.56	8.91	6.53	1.83
OB	14.69	20.36	41.40	65.68	67.42	33.80	13.89	9.42	4.73	1.65
OC	14.69	14.73	20.30	35.67	47.10	27.48	7.90	3.84	2.04	0.84
OD	14.69	22.98	47.73	71.51	82.25	48.83	20.86	15.60	11.46	7.58



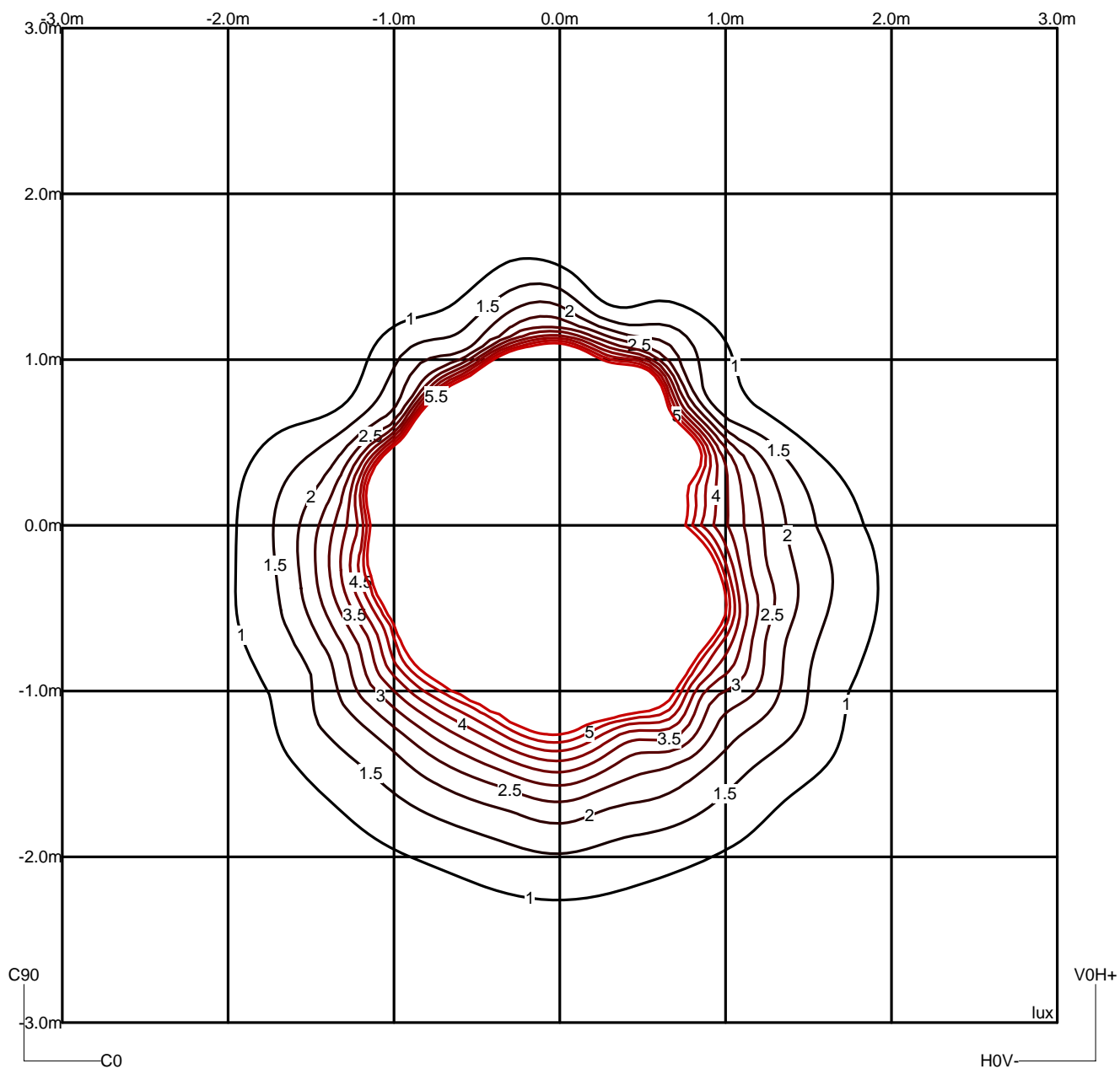
H[m]	D[m]	Max lux	Med lux	Alpha=13.7°+18.3°	G=-31.0
0.40	0.30	339	183		
0.80	0.61	85	46		
1.20	0.91	38	20		
1.60	1.22	21	11		
2.00	1.52	14	7		

H[m]	D[m]	Max lux	Med lux	Beta=35.5°+30.4°	G=0.0
0.40	0.61	339	183		
0.80	1.21	85	46		
1.20	1.82	38	20		
1.60	2.43	21	11		
2.00	3.03	14	7		

<b>Luminaire</b>		<b>Measurem.</b>		<b>Lamp</b>	
Code	6045	Code	6045	Code	1 led 350mA 3.7W
Name	Wall lamp shelf with reading	Name	Wall lamp shelf with reading	Number	2
Line	VIBIA-Suite	Date	23-05-2014	Position	
Efficiency	20.74%	Coordinate system	CG	Total Flux	557.84 lm

Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=1.00m



<b>Luminaire</b>				<b>Measur.</b>				<b>Lamp</b>			
Code	6045			Code	6045			Code	1 led 350mA 3.7W		
Name	Wall lamp shelf with reading			Name	Wall lamp shelf with reading			Number	2		
Line	VIBIA-Suite			Date	23-05-2014			Position			
Efficiency	20.74%			Coordinate system	CG			Total Flux	557.84 lm		

#### Utilizations CIE

Mounting	Direct				Normalization				Normalised				Suspension Ratio				Standard CIE Settings																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

#### 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	89	87	76	74	85	73	67	66	59	58	50	49	43	42	57	49	48	42	42	48	42	42	38
0.80	100	97	82	81	95	79	78	76	66	65	57	56	50	49	64	56	55	49	49	55	49	49	44
1.00	107	104	85	84	102	82	85	83	70	69	62	60	55	54	68	60	60	54	54	59	53	53	47
1.25	113	110	87	86	107	85	92	89	74	73	66	65	59	58	72	64	64	58	58	63	58	57	51
1.50	117	115	89	88	112	86	97	95	77	76	69	68	63	62	74	67	67	62	61	66	61	60	53
2.00	122	120	89	88	116	86	103	101	79	78	72	71	66	65	76	70	70	65	65	69	64	63	56
2.50	125	123	88	88	118	86	107	105	80	79	74	73	69	68	77	72	71	68	67	70	66	65	57
3.00	126	125	88	87	120	86	110	108	80	79	75	74	71	69	77	73	72	69	68	71	68	66	58
4.00	131	129	89	89	124	87	116	114	82	82	78	77	74	73	80	76	76	73	72	74	71	70	61
5.00	134	133	91	90	128	89	120	119	85	84	81	80	78	77	82	79	78	76	75	77	74	73	63
10.00	144	143	96	96	137	94	133	132	92	92	90	89	87	87	89	87	87	85	85	85	83	81	71
20.00	150	150	100	100	143	98	141	140	97	97	96	95	94	94	94	93	93	92	92	90	89	87	76

#### Working Pl.

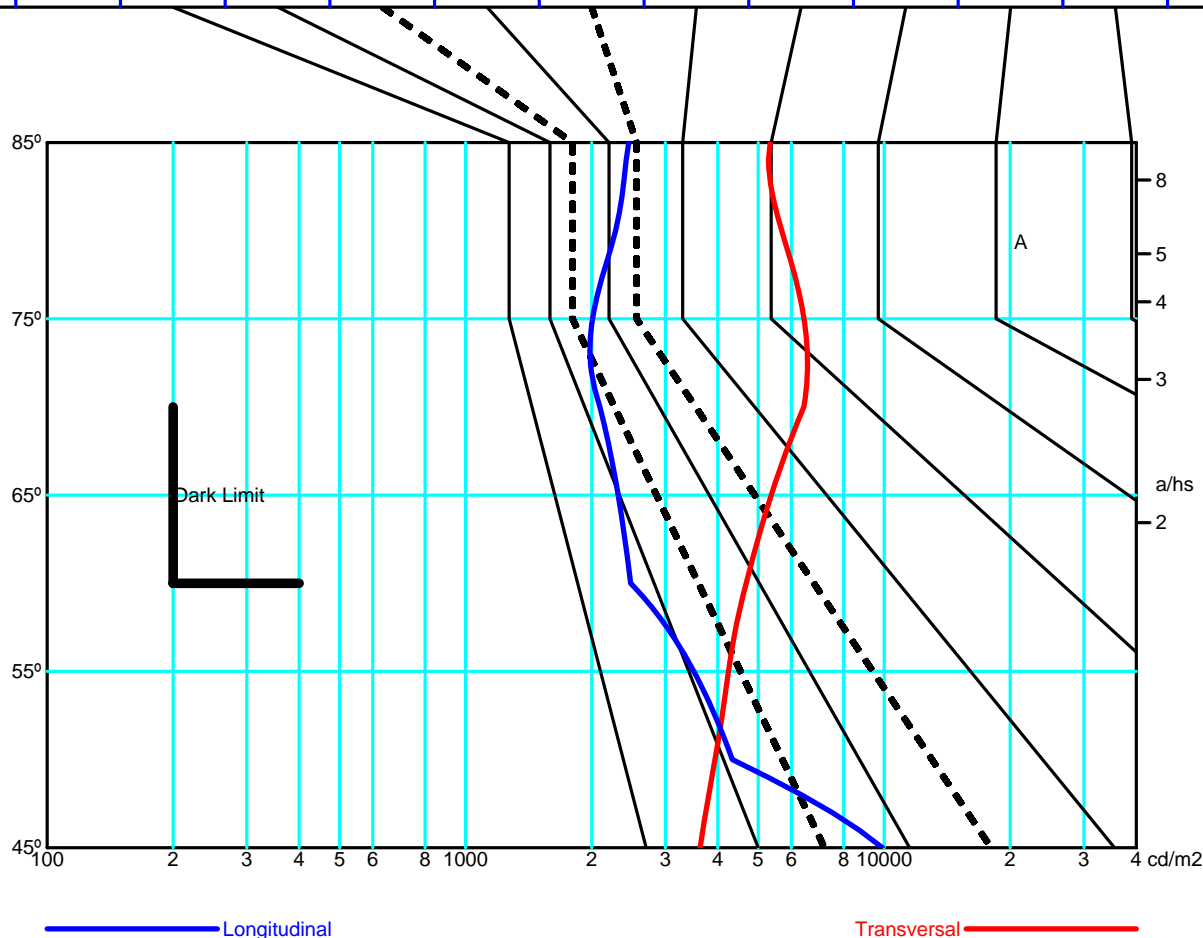
K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000
0.60	136	133	127	125	131	124	109	108	105	104	93	92	84	84	103	92	92	84	84	91	84	83	80
0.80	157	154	144	142	151	141	129	127	123	122	111	110	101	101	121	109	109	101	100	108	100	100	97
1.00	173	170	158	156	167	154	146	143	138	136	126	124	116	115	135	124	123	115	115	123	115	114	111
1.25	188	185	170	168	181	166	161	159	151	150	140	138	131	129	147	137	137	129	129	136	128	128	124
1.50	199	196	178	177	192	174	173	170	161	159	150	148	141	140	157	148	147	140	139	146	139	138	134
2.00	215	213	190	189	207	186	191	188	175	174	166	164	158	156	171	163	162	156	155	160	154	153	150
2.50	226	223	197	196	217	193	203	200	184	183	176	174	169	167	180	173	172	167	166	170	165	163	160
3.00	233	231	202	201	224	198	211	209	190	189	183	182	177	175	186	180	179	174	173	177	172	170	167
4.00	242	240	207	207	232	204	222	219	198	197	192	190	186	185	193	188	187	183	182	184	181	178	176
5.00	247	246	211	210	238	207	229	226	202	201	197	196	192	191	197	193	192	189	188	189	186	183	181
10.00	259	258	217	217	249	215	243	242	211	211	208	208	205	205	206	204	204	201	201	200	198	194	192
20.00	265	265	221	221	255	218	252	251	217	216	215	215	213	213	212	210	210	209	208	206	205	201	198

LM53 SHR C0-C180: 1.262 SHR C90-C270: 2.089 SHR Square: 1.457

<b>Luminaire</b>		<b>Measur.</b>		<b>Lamp</b>	
Code	6045	Code	6045	Code	1 led 350mA 3.7W
Name	Wall lamp shelf with reading	Name	Wall lamp shelf with reading	Number	2
Line	VIBIA-Suite	Date	23-05-2014	Position	
Efficiency	20.74%	Coordinate system	CG	Total Flux	557.84 lm

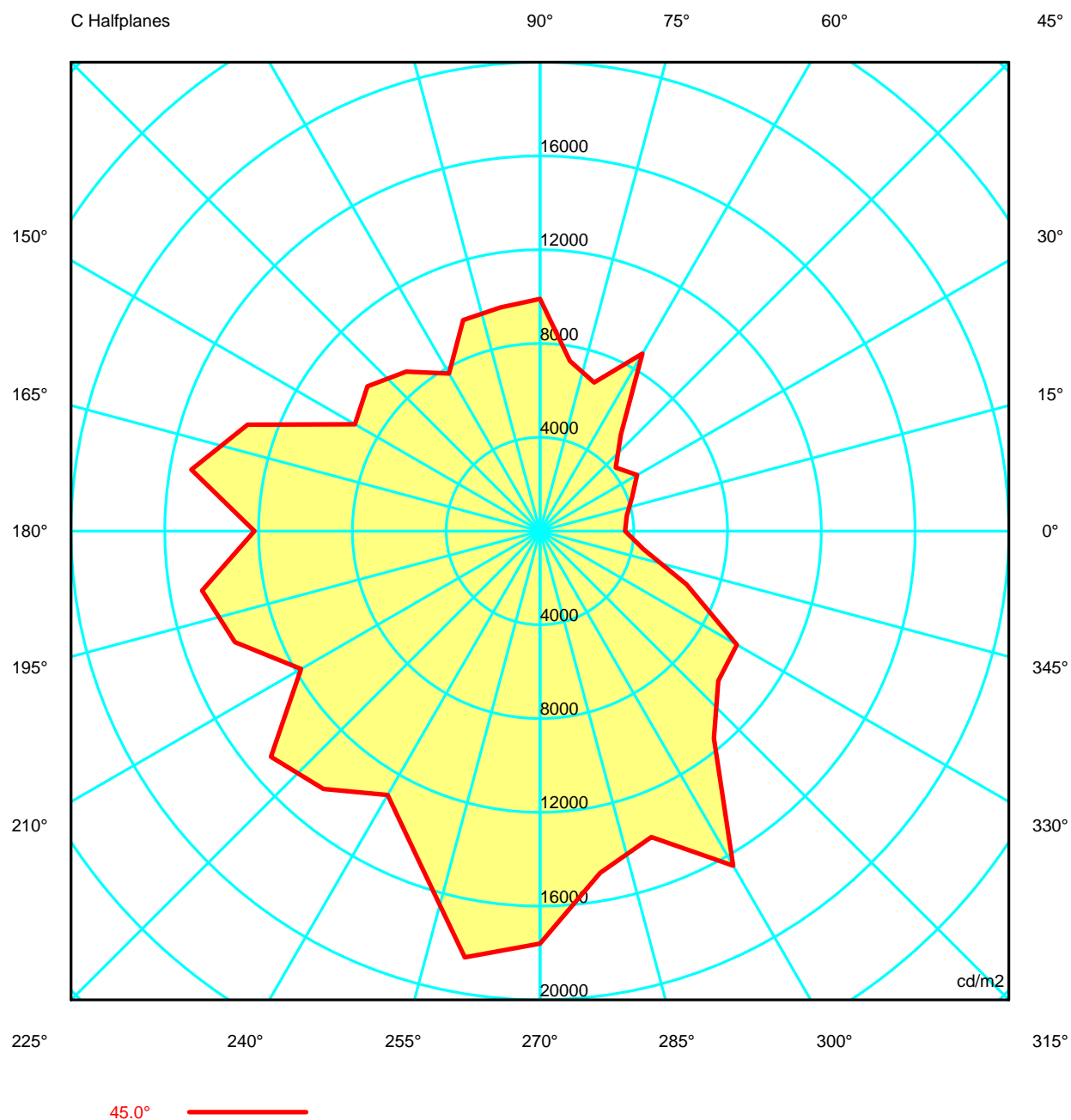
	Average Luminance [cd/m²]									
	45°	50°	55°	60°	65°	70°	75°	80°	85°	
0.0°	3632	3943	4246	4682	5370	6427	6432	5689	5341	---
90.0°	9905	4335	3510	2479	2313	2093	2009	2281	2451	---

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	6045	Code	6045	Code	1 led 350mA 3.7W
Name	Wall lamp shelf with reading	Name	Wall lamp shelf with reading	Number	2
Line	VIBIA-Suite	Date	23-05-2014	Position	
Efficiency	20.74%	Coordinate system	CG	Total Flux	557.84 lm

Luminance



Luminaire					Measurem.					Lamp																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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Efficiency					20.74%					Coordinate system					CG					Total Flux					557.84 lm																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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0.0	3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97				3743.97			

Luminaire					Measurem.					Lamp			
Code	6045				Code	6045				Code	1 led 350mA 3.7W		
Name	Wall lamp shelf with reading				Name	Wall lamp shelf with reading				Number	2		
Line	VIBIA-Suite				Date	23-05-2014				Position			
Efficiency		20.74%			Coordinate system		CG			Total Flux		557.84 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	3743.97	3743.97	3743.97	3743.97	3743.97	3743.97	3743.97	3743.97	3743.97	3743.97	3743.97	3743.97	3743.97
G 5.0	3908.83	4468.03	4925.57	5159.93	5172.36	5209.01	5257.93	5280.91	5503.82	5409.38	5493.04	5664.37	5644.44
G 10.0	5027.19	5854.36	6622.83	7169.16	7370.73	7440.90	7525.60	7625.61	7951.47	8033.92	8191.44	8293.90	8256.25
G 15.0	7714.04	8363.75	9197.95	10134.79	10815.87	10922.38	11033.82	11307.30	11536.44	12160.29	12391.69	12067.00	12036.38
G 20.0	11121.47	11620.61	12403.76	13474.30	14743.86	14934.14	15142.44	15670.33	15713.05	16539.46	16938.82	16265.71	16374.75
G 25.0	14101.60	14970.09	15689.90	16459.25	18212.43	18469.19	18969.92	19729.27	19547.41	19738.05	20416.10	19864.19	20393.71
G 30.0	15995.45	17510.48	17877.61	18906.46	21051.84	20755.91	21961.87	22501.92	21619.90	21832.31	22451.25	21937.44	23357.55
G 35.0	16174.01	18151.28	17674.87	20420.93	22881.68	20973.51	23356.88	22928.38	20597.31	22892.37	22739.45	21595.94	24350.93
G 40.0	13900.76	15710.38	14671.85	19082.25	21515.58	18223.09	21350.28	20127.03	16921.79	21120.52	20253.49	18520.42	21872.82
G 45.0	8879.32	9605.67	9112.38	13274.41	15099.39	12179.90	14638.00	13848.77	11766.76	14978.33	14363.37	12997.13	15032.75
G 50.0	3833.34	3375.21	3670.35	6623.44	7774.00	6302.29	7384.76	7553.16	7244.00	8371.70	8374.00	7902.64	8082.24
G 55.0	3310.06	2962.73	2826.87	4001.53	5102.60	6172.37	6803.82	6997.31	6756.49	8029.47	7951.49	7900.50	8096.24
G 60.0	2666.24	2458.33	1767.19	4088.16	5551.92	6059.23	6116.38	6343.81	6188.75	7659.61	7477.75	7966.73	8184.91
G 65.0	2433.68	2381.26	1700.19	3475.29	5187.72	5677.93	6288.97	6682.79	6802.48	8048.43	8221.00	8545.88	8564.03
G 70.0	2116.59	2291.00	1618.24	2145.06	3945.03	5173.91	6600.43	6454.04	7763.65	7785.76	8681.15	9472.90	9198.81
G 75.0	2087.36	1995.18	1496.85	1477.32	3333.96	4654.78	6851.57	6902.41	7951.26	8778.53	10105.06	10462.76	10671.88
G 80.0	2515.74	2083.32	1582.77	1578.07	3438.82	4742.75	7636.29	8159.17	8130.45	11500.11	12922.38	12560.91	14170.30
G 85.0	2507.90	2363.35	1749.82	1849.07	3528.83	4832.69	9026.51	10265.83	10488.82	17157.31	18768.03	18157.90	21768.42
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					Measurem.					Lamp			
Code	6045				Code	6045				Code	1 led 350mA 3.7W		
Name	Wall lamp shelf with reading				Name	Wall lamp shelf with reading				Number	2		
Line	VIBIA-Suite				Date	23-05-2014				Position			
Efficiency		20.74%			Coordinate system		CG			Total Flux		557.84 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	3743.97	3743.97	3743.97	3743.97	3743.97	3743.97	3743.97	3743.97	3743.97	3743.97	3743.97	3743.97	3743.97
G 5.0	5209.01	5257.93	5280.91	5503.82	5409.38	5493.04	5664.37	5644.44	5861.74	5877.56	5567.96	5474.93	5227.44
G 10.0	7440.90	7525.60	7625.61	7951.47	8033.92	8191.44	8293.90	8256.25	8619.46	8697.62	8337.03	8039.97	7428.77
G 15.0	10922.38	11033.82	11307.30	11536.44	12160.29	12391.69	12067.00	12036.38	12375.08	12593.42	12586.85	11940.55	10804.49
G 20.0	14934.14	15142.44	15670.33	15713.05	16539.46	16938.82	16265.71	16374.75	16314.80	16710.57	17093.30	16260.68	14713.35
G 25.0	18469.19	18969.92	19729.27	19547.41	19738.05	20416.10	19864.19	20393.71	19612.05	20108.45	20418.63	19791.61	18337.02
G 30.0	20755.91	21961.87	22501.92	21619.90	21832.31	22451.25	21937.44	23357.55	22898.74	23071.55	22464.39	21840.46	21438.60
G 35.0	20973.51	23356.88	22928.38	20597.31	22892.37	22739.45	21595.94	24350.93	26372.16	25588.64	23155.72	21789.28	23541.55
G 40.0	18223.09	21350.28	20127.03	16921.79	21120.52	20253.49	18520.42	21872.82	26142.11	24675.17	20991.76	19141.13	22492.19
G 45.0	12179.90	14638.00	13848.77	11766.76	14978.33	14363.37	12997.13	15032.75	18463.96	17597.71	14800.47	13893.13	16476.74
G 50.0	6302.29	7384.76	7553.16	7244.00	8371.70	8374.00	7902.64	8082.24	9170.12	9469.62	8355.47	8852.53	9500.83
G 55.0	6172.37	6803.82	6997.31	6756.49	8029.47	7951.49	7900.50	8096.24	8782.76	9267.66	8224.35	7419.82	8735.80
G 60.0	6059.23	6116.38	6343.81	6188.75	7659.61	7477.75	7966.73	8184.91	8361.47	9088.95	8127.60	8326.30	7828.55
G 65.0	5677.93	6288.97	6682.79	6802.48	8048.43	8221.00	8545.88	8564.03	9009.64	9407.39	8921.73	8749.23	8593.51
G 70.0	5173.91	6600.43	6454.04	7763.65	7785.76	8681.15	9472.90	9198.81	10041.94	9961.41	10166.57	8966.19	8990.56
G 75.0	4654.78	6851.57	6902.41	7951.26	8778.53	10105.06	10462.76	10671.88	11702.10	11282.01	11550.80	10677.62	9962.35
G 80.0	4742.75	7636.29	8159.17	8130.45	11500.11	12922.38	12560.91	14170.30	15146.80	14647.81	14500.71	14414.37	12200.24
G 85.0	4832.69	9026.51	10265.83	10488.82	17157.31	18768.03	18157.90	21768.42	22039.51	22157.19	22677.85	22105.69	18386.41
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