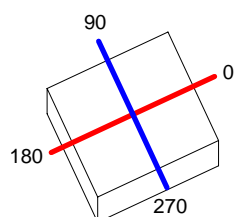


Luminaire		Measurem.		Lamp		
Code	6031	Code	6031	Code	6 LED 24V 1.63W	
Name	Attached lamp small with glass	Name	Attached lamp small with glass	Number	2	
Line	VIBIA-Suite	Date	23-05-2014	Position		
Efficiency	52.92%	Coordinate system	CG	Total Flux	1217.00 lm	
Maximum value	114.74 cd/klm	Position	C=140.00 G=30.00	Asymmetrical		
Rectangular Luminaire	Length	350 mm	Width	390 mm	Height	690 mm
Rectangular Luminous Area	Length	195 mm	Width	200 mm	Height	0 mm
Horizontal Luminous Area	0.039000 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°		0.009435 m2		
Symmetry Type	Asymmetrical	Maximum Gamma Angle		180		
Measurement Distance	0.00	Measurement Flux		1271.00 lm		
Operator		Source voltage		230.00 V		
Temperature	20.00 °C	Source current				
Humidity	50.00 %	Photocell				
Notes						
Luminaire Lamps						
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty	
- VIBIA	6 LED 24V 1.63W	Lámpara 6 leds 1.63W	791.00	10.00	1	
- VIBIA	1 led 350mA 3.7W	1 led 350mA 3.7W	426.00	4.00	1	
C.I.E.	38 70 90 70 53	D DIN 5040	B21			
F UTE	0.37 G + 0.16 T	B NBN	BZ 6 / 0.8 / BZ 5			

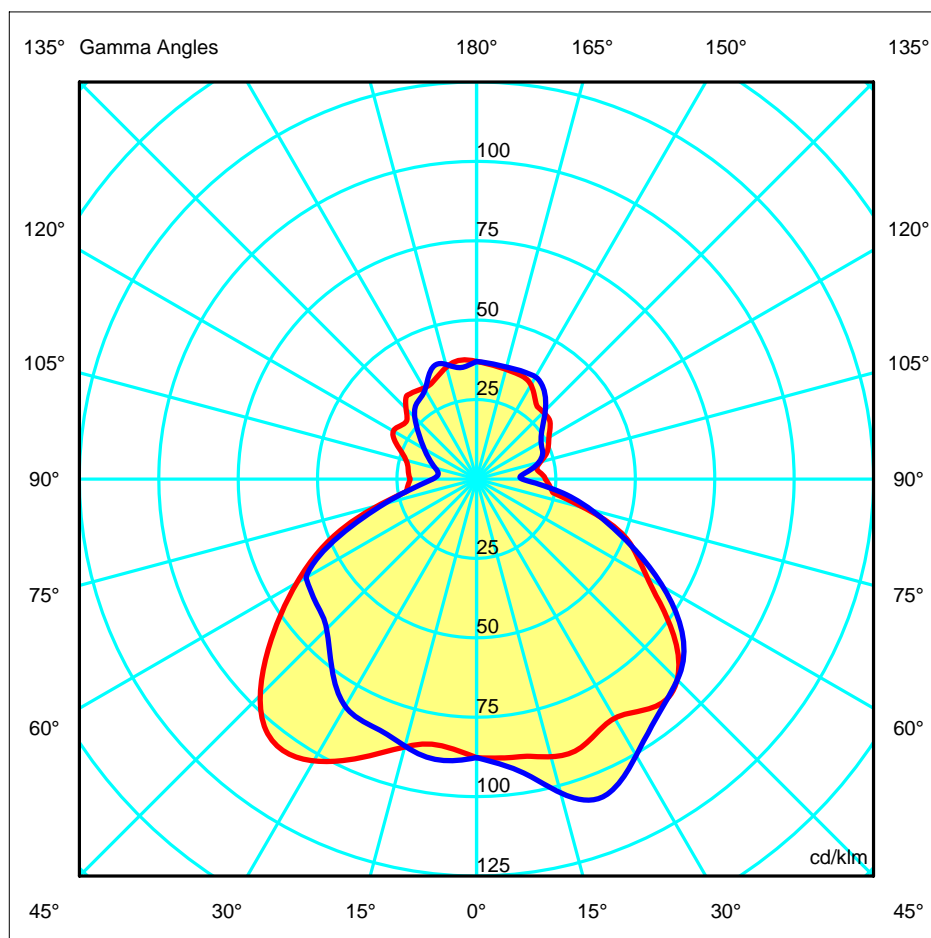
350mm x 390mm



C Halfplanes

180.0 — 0.0
 270.0 — 90.0

ULOR 15.83 %
 DLOR 37.08 %
 RN 29.92 %



Luminaire				Measurem.				Lamp					
Code	6031			Code	6031			Code	6 LED 24V 1.63W				
Name	Attached lamp small with glass			Name	Attached lamp small with glass			Number	2				
Line	VIBIA-Suite			Date	23-05-2014			Position					
Efficiency				52.92%		Coordinate system		CG		Total Flux		1217.00 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	87.72	87.72	87.72	87.72	87.72	87.72	87.72	87.72	87.72	87.72	87.72	87.72	87.72
G 10.0	88.60	89.51	90.41	93.83	94.58	95.39	96.97	93.16	93.10	94.82	94.05	93.91	94.24
G 20.0	91.09	92.38	95.36	93.03	87.62	89.97	99.92	102.78	100.75	107.48	108.40	107.59	101.51
G 30.0	86.95	85.88	92.21	90.02	91.62	88.78	89.86	88.21	93.12	100.46	106.42	106.11	112.64
G 40.0	91.57	96.63	89.24	90.96	84.64	83.39	81.00	84.22	85.15	92.16	91.51	101.03	99.13
G 50.0	82.29	86.25	77.88	79.29	81.35	81.80	77.72	76.38	80.81	85.25	85.94	85.86	86.96
G 60.0	61.98	66.33	63.99	60.31	61.81	62.55	68.93	66.34	69.99	67.74	63.22	70.74	68.33
G 70.0	47.78	41.40	41.94	44.25	46.76	44.40	44.95	44.74	50.61	46.24	51.36	44.88	45.86
G 80.0	24.36	25.50	22.97	26.11	26.60	28.71	27.80	27.48	28.71	28.91	29.05	30.15	24.77
G 90.0	21.65	18.21	20.10	17.34	17.87	16.83	17.03	17.34	15.60	14.35	16.26	16.76	14.45
G100.0	19.27	22.45	21.78	19.62	19.10	20.64	18.00	19.42	19.98	17.42	18.89	16.95	19.86
G110.0	23.39	24.66	24.95	22.33	21.75	23.67	19.53	22.82	21.03	22.08	21.35	21.41	20.47
G120.0	26.33	24.61	27.84	24.46	28.46	26.55	24.18	26.88	23.26	23.44	24.68	26.74	26.86
G130.0	29.72	27.49	28.76	28.99	30.22	28.77	28.39	28.90	28.94	27.45	29.46	26.60	28.28
G140.0	29.76	32.24	29.17	33.06	31.49	29.14	31.46	30.21	31.69	33.72	31.65	28.69	30.70
G150.0	34.27	33.41	31.70	32.83	35.00	33.37	31.35	33.01	35.67	37.19	37.43	37.55	35.05
G160.0	35.59	36.33	35.64	34.49	34.35	35.99	36.40	36.09	35.62	36.74	38.32	37.34	35.44
G170.0	36.05	34.75	34.99	34.15	36.16	36.72	37.24	37.84	36.38	36.54	36.03	34.52	35.56
G180.0	37.03	37.03	37.03	37.03	37.03	37.03	37.03	37.03	37.03	37.03	37.03	37.03	37.03

Luminaire				Measurem.				Lamp					
Code	6031			Code	6031			Code	6 LED 24V 1.63W				
Name	Attached lamp small with glass			Name	Attached lamp small with glass			Number	2				
Line	VIBIA-Suite			Date	23-05-2014			Position					
Efficiency	52.92%			Coordinate system	CG			Total Flux	1217.00 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	87.72	87.72	87.72	87.72	87.72	87.72	87.72	87.72	87.72	87.72	87.72	87.72	87.72
G 10.0	90.86	89.34	86.54	84.55	84.31	84.73	83.54	82.89	87.28	83.79	82.07	83.14	82.52
G 20.0	98.67	99.42	95.95	99.78	99.75	92.14	85.61	87.32	86.08	85.13	84.79	82.15	82.66
G 30.0	110.35	114.74	110.76	104.53	106.95	102.47	94.97	97.52	89.36	86.00	82.06	76.31	71.10
G 40.0	102.18	107.21	105.56	102.07	102.82	103.18	98.83	91.40	81.38	72.87	68.88	69.88	68.32
G 50.0	84.38	85.77	89.77	81.63	87.69	86.22	77.19	70.07	61.08	55.95	57.79	60.99	67.35
G 60.0	65.16	62.24	65.30	63.52	69.22	65.29	60.59	55.04	50.67	52.54	48.69	54.67	54.26
G 70.0	45.75	43.83	40.18	40.42	47.23	44.24	42.48	39.28	43.16	44.28	38.37	38.59	37.60
G 80.0	27.64	27.09	22.79	23.52	26.29	22.37	25.48	22.11	23.41	20.84	22.84	21.76	22.63
G 90.0	18.35	16.23	16.37	16.03	17.77	20.83	17.00	16.60	16.98	18.44	17.58	14.93	13.03
G100.0	20.59	19.63	19.18	18.52	21.18	21.89	20.69	19.10	16.79	17.32	17.52	15.93	16.08
G110.0	22.93	23.77	24.17	23.59	26.23	25.21	22.49	25.74	20.42	21.43	18.57	19.80	15.19
G120.0	24.82	27.01	24.72	29.51	27.35	30.22	26.83	23.65	26.18	23.58	24.80	20.96	20.98
G130.0	29.89	29.17	30.34	30.81	28.98	28.68	26.85	29.13	29.30	25.92	30.01	28.00	23.52
G140.0	31.71	31.87	35.68	34.48	32.65	34.27	32.29	31.07	29.71	32.06	28.55	29.61	29.81
G150.0	34.20	34.38	31.66	32.52	32.99	33.06	32.06	32.31	36.40	35.47	34.15	34.85	31.62
G160.0	33.97	35.33	35.17	35.53	36.00	34.82	35.94	37.12	36.68	35.56	33.49	35.24	38.39
G170.0	34.67	34.48	32.52	34.07	36.07	37.63	37.92	37.59	36.97	38.77	38.90	38.06	37.11
G180.0	37.03	37.03	37.03	37.03	37.03	37.03	37.03	37.03	37.03	37.03	37.03	37.03	37.03

Luminaire				Measurem.						Lamp			
Code	6031			Code	6031			Code	6 LED 24V 1.63W				
Name	Attached lamp small with glass			Name	Attached lamp small with glass			Number	2				
Line	VIBIA-Suite			Date	23-05-2014			Position					
Efficiency	52.92%			Coordinate system	CG			Total Flux	1217.00 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	87.72	87.72	87.72	87.72	87.72	87.72	87.72	87.72	87.72	87.72	87.72	87.72	87.72
G 10.0	84.73	83.54	82.89	87.28	83.79	82.07	83.14	82.52	86.51	88.98	88.58	89.15	87.24
G 20.0	92.14	85.61	87.32	86.08	85.13	84.79	82.15	82.66	84.88	84.97	85.96	91.00	92.60
G 30.0	102.47	94.97	97.52	89.36	86.00	82.06	76.31	71.10	76.26	82.64	85.08	80.87	85.14
G 40.0	103.18	98.83	91.40	81.38	72.87	68.88	69.88	68.32	69.98	71.79	79.12	83.01	83.16
G 50.0	86.22	77.19	70.07	61.08	55.95	57.79	60.99	67.35	61.30	64.37	70.43	74.64	81.48
G 60.0	65.29	60.59	55.04	50.67	52.54	48.69	54.67	54.26	62.38	62.04	59.87	58.16	59.91
G 70.0	44.24	42.48	39.28	43.16	44.28	38.37	38.59	37.60	43.30	40.40	42.76	38.63	38.57
G 80.0	22.37	25.48	22.11	23.41	20.84	22.84	21.76	22.63	20.42	22.37	21.15	20.37	20.53
G 90.0	20.83	17.00	16.60	16.98	18.44	17.58	14.93	13.03	13.17	13.77	14.09	13.30	15.16
G100.0	21.89	20.69	19.10	16.79	17.32	17.52	15.93	16.08	15.27	12.33	13.08	16.69	16.09
G110.0	25.21	22.49	25.74	20.42	21.43	18.57	19.80	15.19	16.93	15.14	15.97	15.34	15.32
G120.0	30.22	26.83	23.65	26.18	23.58	24.80	20.96	20.98	22.03	19.00	20.34	22.45	22.82
G130.0	28.68	26.85	29.13	29.30	25.92	30.01	28.00	23.52	23.35	24.29	24.33	24.22	24.35
G140.0	34.27	32.29	31.07	29.71	32.06	28.55	29.61	29.81	28.64	29.89	28.44	28.14	30.33
G150.0	33.06	32.06	32.31	36.40	35.47	34.15	34.85	31.62	31.49	32.42	31.25	29.01	29.23
G160.0	34.82	35.94	37.12	36.68	35.56	33.49	35.24	38.39	38.69	38.18	36.15	33.67	35.76
G170.0	37.63	37.92	37.59	36.97	38.77	38.90	38.06	37.11	37.19	35.65	35.52	34.65	34.60
G180.0	37.03	37.03	37.03	37.03	37.03	37.03	37.03	37.03	37.03	37.03	37.03	37.03	37.03

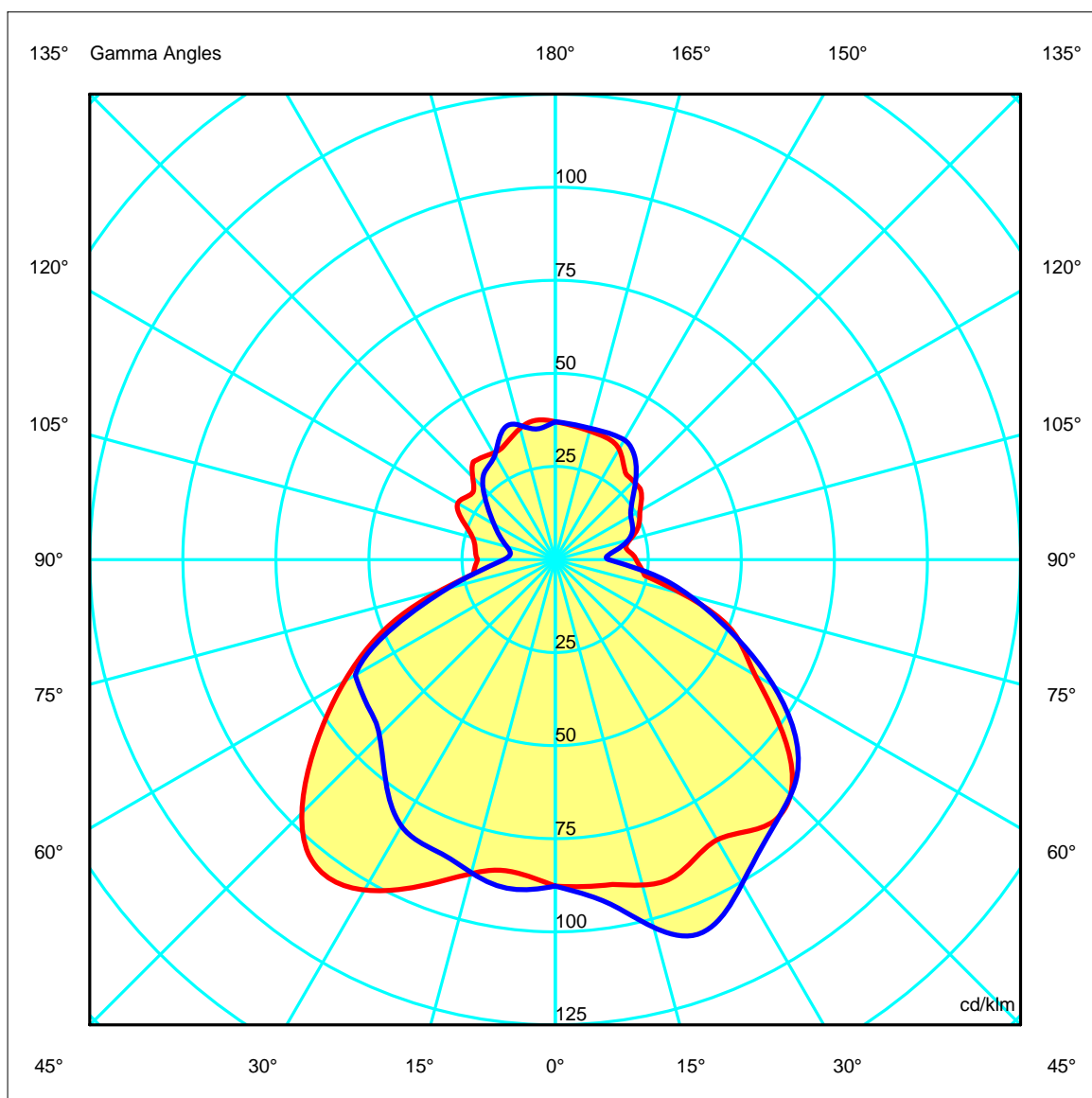
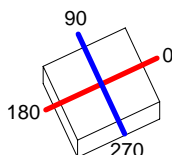
Luminaire		Measur.		Lamp	
Code	6031	Code	6031	Code	6 LED 24V 1.63W
Name	Attached lamp small with glass	Name	Attached lamp small with glass	Number	2
Line	VIBIA-Suite	Date	23-05-2014	Position	
Efficiency	52.92%	Coordinate system	CG	Total Flux	1217.00 lm

350mm x 390mm

C Halfplanes

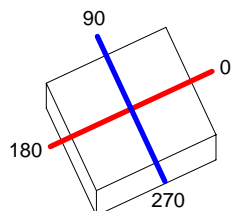
180.0 ————— 0.0

270.0 ————— 90.0



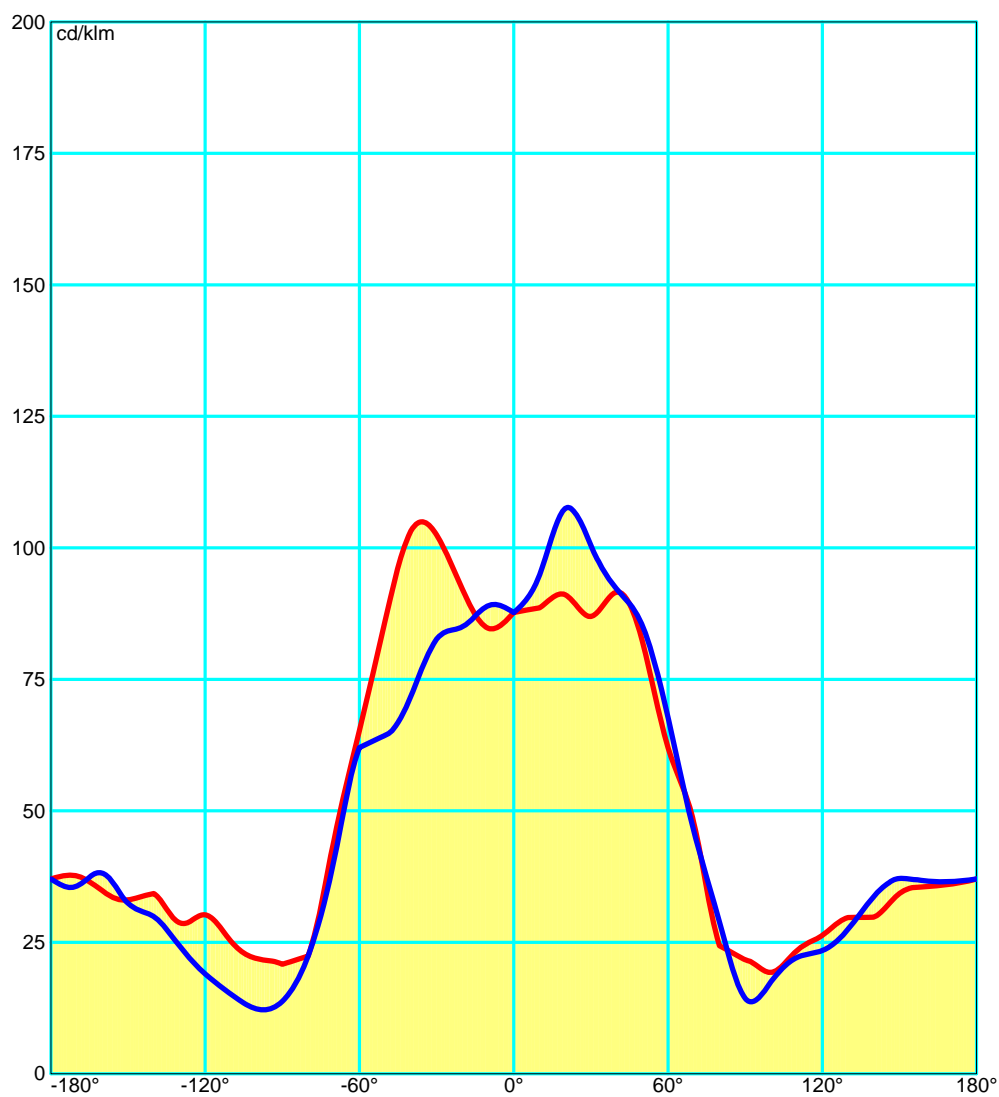
Luminaire		Measurem.		Lamp	
Code	6031	Code	6031	Code	6 LED 24V 1.63W
Name	Attached lamp small with glass	Name	Attached lamp small with glass	Number	2
Line	VIBIA-Suite	Date	23-05-2014	Position	
Efficiency	52.92%	Coordinate system	CG	Total Flux	1217.00 lm

350mm x 390mm



C Halfplanes

180.0 ————— 0.0
 270.0 ————— 90.0



Luminaire		Measurem.		Lamp	
Code	6031	Code	6031	Code	6 LED 24V 1.63W
Name	Attached lamp small with glass	Name	Attached lamp small with glass	Number	2
Line	VIBIA-Suite	Date	23-05-2014	Position	
Efficiency	52.92%	Coordinate system	CG	Total Flux	1217.00 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	15.5	16.5	16.2	17.2	17.4	14.9	15.9	15.5	16.6	17.4
x=2H y=3H	17.4	18.4	18.1	19.1	19.4	16.9	17.9	17.7	18.6	19.4
x=2H y=4H	18.3	19.2	19.0	19.9	20.3	17.8	18.7	18.5	19.4	20.3
x=2H y=6H	19.1	19.9	19.8	20.6	21.0	18.5	19.3	19.3	20.1	21.0
x=2H y=8H	19.5	20.3	20.3	21.0	21.3	18.9	19.7	19.6	20.4	21.3
x=2H y=12H	20.1	20.8	20.8	21.6	21.8	19.3	20.1	20.1	20.9	21.8
x=4H y=2H	16.2	17.1	16.9	17.8	18.1	15.6	16.5	16.4	17.2	18.1
x=4H y=3H	18.3	19.0	19.1	19.8	20.2	17.8	18.5	18.6	19.3	20.2
x=4H y=4H	19.2	19.9	20.0	20.7	21.1	18.7	19.4	19.5	20.2	21.1
x=4H y=6H	20.2	20.8	21.0	21.6	22.0	19.6	20.2	20.4	21.0	22.0
x=4H y=8H	20.7	21.3	21.5	22.1	22.4	20.0	20.6	20.9	21.4	22.4
x=4H y=12H	21.4	21.9	22.2	22.7	22.9	20.6	21.1	21.4	21.9	22.9
x=8H y=4H	19.7	20.2	20.5	21.0	21.5	19.2	19.7	20.0	20.5	21.5
x=8H y=6H	20.8	21.2	21.6	22.1	22.6	20.2	20.7	21.1	21.5	22.6
x=8H y=8H	21.4	21.8	22.3	22.7	23.1	20.8	21.2	21.7	22.1	23.1
x=8H y=12H	22.3	22.6	23.1	23.5	23.7	21.5	21.8	22.3	22.7	23.7
x=12H y=4H	19.7	20.2	20.5	21.0	21.6	19.2	19.7	20.1	20.5	21.6
x=12H y=6H	20.9	21.3	21.8	22.2	22.7	20.4	20.8	21.2	21.6	22.7
x=12H y=8H	21.7	22.0	22.5	22.9	23.3	21.0	21.4	21.9	22.2	23.3

Luminaire		Measur.		Lamp	
Code	6031	Code	6031	Code	6 LED 24V 1.63W
Name	Attached lamp small with glass	Name	Attached lamp small with glass	Number	2
Line	VIBIA-Suite	Date	23-05-2014	Position	
Efficiency	52.92%	Coordinate system	CG	Total Flux	1217.00 lm

Total Flux=1217.00 Luminaire Flux=643.99

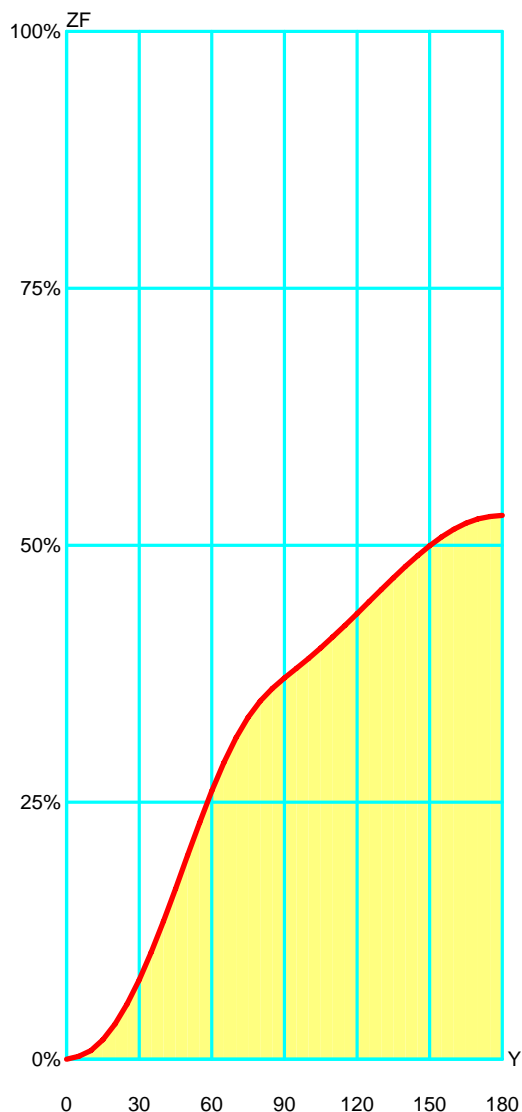
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.24	0.32	0.39	0.47	0.52	0.61	0.67	0.71	0.77	0.81	0.89	0.94
RC	7	7	6	6	6	6	6	7	7	7	7	7

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)	8	34	77	134	198	261	313	348	371	390	411	433	457	479	500	516	526	529

CIE Flux Codes
38 70 90 70 53

C.I.E. 7/7/6/6/6/6/7/7/7/7
D DIN 5040 B21
F UTE 0.37 G + 0.16 T
B NBN BZ 6 / 0.8 / BZ 5
RN 29.91870 %
BLF 1.0

LOR 52.91601 %
ULOR 15.83178 %
DLOR 37.08423 %
UFF 29.91870 %
DFF 70.08130 %
FFR 42.69142 %



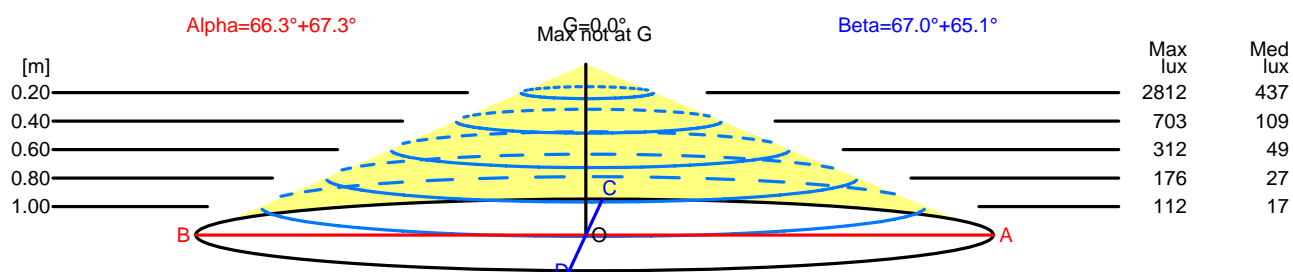
Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00 %	0.00 %
5°	2.85	2.85	0.54 %	0.54 %
10°	5.59	8.43	1.06 %	1.59 %
15°	10.50	18.93	1.98 %	3.58 %
20°	15.31	34.24	2.89 %	6.47 %
25°	19.52	53.77	3.69 %	10.16 %
30°	23.42	77.19	4.43 %	14.59 %
35°	26.98	104.17	5.10 %	19.69 %
40°	29.83	134.01	5.64 %	25.32 %
45°	31.79	165.80	6.01 %	31.33 %
50°	32.56	198.36	6.15 %	37.49 %
55°	32.08	230.44	6.06 %	43.55 %
60°	30.46	260.90	5.76 %	49.30 %
65°	27.75	288.64	5.24 %	54.55 %
70°	24.13	312.77	4.56 %	59.11 %
75°	19.86	332.64	3.75 %	62.86 %
80°	15.77	348.41	2.98 %	65.84 %
85°	12.26	360.67	2.32 %	68.16 %
90°	10.17	370.84	1.92 %	70.08 %
95°	9.52	380.36	1.80 %	71.88 %
100°	9.61	389.97	1.82 %	73.70 %
105°	10.16	400.13	1.92 %	75.62 %
110°	10.71	410.84	2.02 %	77.64 %
115°	11.15	421.99	2.11 %	79.75 %
120°	11.47	433.47	2.17 %	81.92 %
125°	11.66	445.12	2.20 %	84.12 %
130°	11.66	456.79	2.20 %	86.32 %
135°	11.48	468.26	2.17 %	88.49 %
140°	11.10	479.37	2.10 %	90.59 %
145°	10.52	489.89	1.99 %	92.58 %
150°	9.69	499.57	1.83 %	94.41 %
155°	8.60	508.17	1.63 %	96.03 %
160°	7.36	515.53	1.39 %	97.43 %
165°	5.95	521.48	1.12 %	98.55 %
170°	4.19	525.67	0.79 %	99.34 %
175°	2.28	527.96	0.43 %	99.77 %
180°	1.20	529.16	0.23 %	100.00 %

Luminaire		Measur.		Lamp	
Code	6031	Code	6031	Code	6 LED 24V 1.63W
Name	Attached lamp small with glass	Name	Attached lamp small with glass	Number	2
Line	VIBIA-Suite	Date	23-05-2014	Position	
Efficiency	52.92%	Coordinate system	CG	Total Flux	1217.00 lm

Width at 50.00 % of Max Intensity

H[m]	0.20	0.40	0.60	0.80	1.00	H[m]	0.20	0.40	0.60	0.80	1.00
OA	0.48	0.95	1.43	1.91	2.39	OC	0.47	0.94	1.41	1.88	2.35
OB	0.46	0.91	1.37	1.83	2.28	OD	0.43	0.86	1.29	1.72	2.15

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	106.75	107.29	110.15	107.90	108.59	108.73	87.44	67.46	42.96	28.00
OB	106.75	103.80	106.27	118.89	127.66	117.12	92.04	67.25	38.70	26.28
OC	106.75	109.77	124.48	128.78	116.42	108.82	94.63	69.02	45.47	24.54
OD	106.75	108.30	105.93	102.54	94.80	81.28	76.92	64.14	36.58	20.73



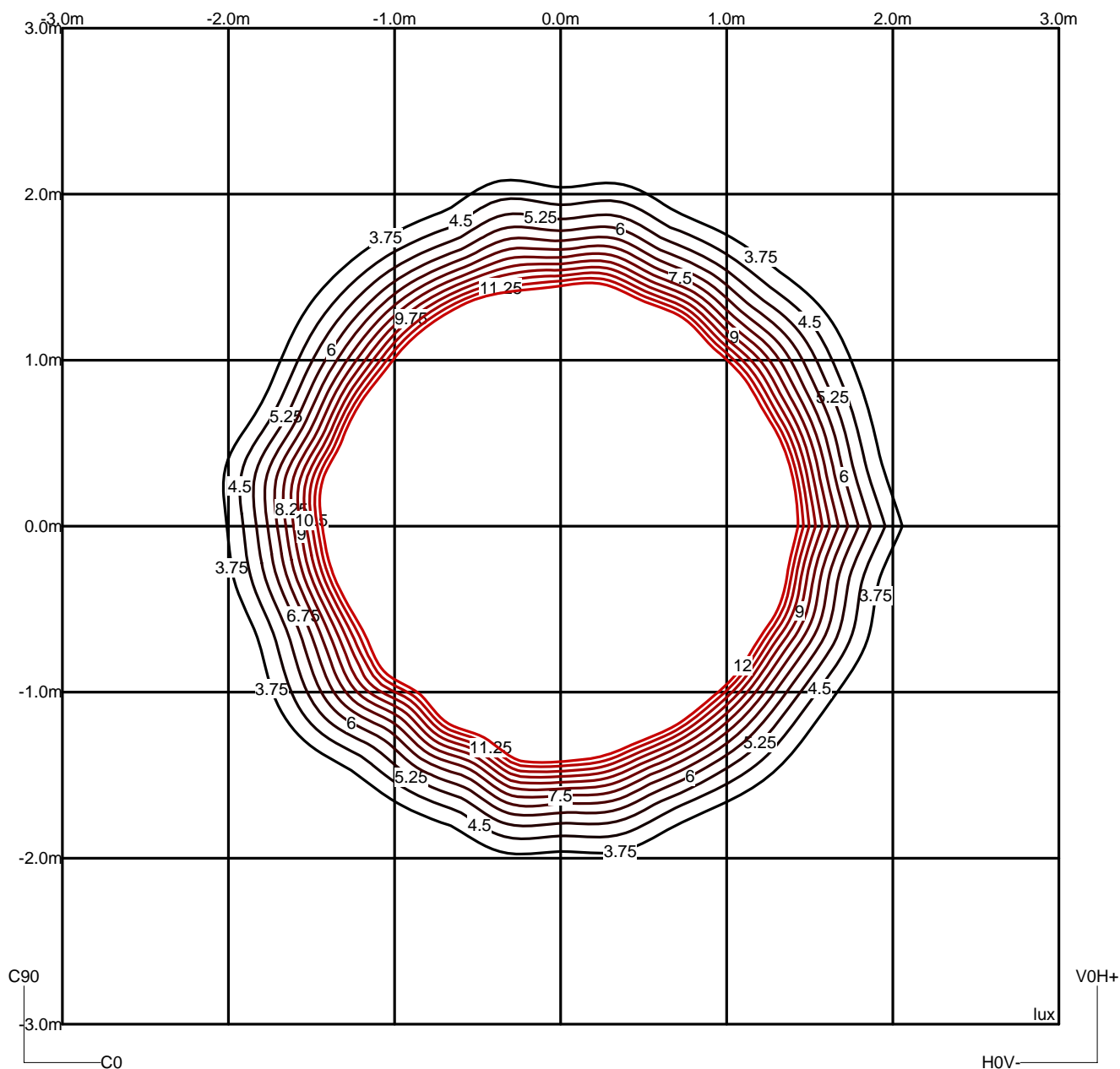
H[m]	D[m]	Max lux	Med lux	Alpha=66.3°+67.3°	G=0.0° Max not at G	
0.20	0.93	2812	437			
0.40	1.87	703	109			
0.60	2.80	312	49			
0.80	3.73	176	27			
1.00	4.67	112	17			

H[m]	D[m]	Max lux	Med lux	Beta=65.1°+67.0°	G=0.0° Max not at G	
0.20	0.90	2812	437			
0.40	1.80	703	109			
0.60	2.70	312	49			
0.80	3.60	176	27			
1.00	4.50	112	17			

Luminaire		Measurem.		Lamp	
Code	6031	Code	6031	Code	6 LED 24V 1.63W
Name	Attached lamp small with glass	Name	Attached lamp small with glass	Number	2
Line	VIBIA-Suite	Date	23-05-2014	Position	
Efficiency	52.92%	Coordinate system	CG	Total Flux	1217.00 lm

Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=0.70m



Luminaire				Measur.				Lamp			
Code	6031			Code	6031			Code	6 LED 24V 1.63W		
Name	Attached lamp small with glass			Name	Attached lamp small with glass			Number	2		
Line	VIBIA-Suite			Date	23-05-2014			Position			
Efficiency	52.92%			Coordinate system	CG			Total Flux	1217.00 lm		

Utilizations CIE

Mounting	Direct				Normalization				Normalised				Suspension Ratio				b/3				Standard CIE Settings							
Ceiling																												
K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000					
0.60	224	201	204	184	191	176	156	133	147	125	127	96	113	77	117	103	91	92	73	86	78	67	59					
0.80	250	229	219	202	218	193	180	157	163	144	142	113	126	92	134	118	107	106	87	101	91	80	70					
1.00	268	249	227	213	237	204	198	176	174	156	152	125	135	103	146	129	119	116	99	113	102	91	79					
1.25	283	267	232	220	254	211	215	195	183	167	161	137	144	115	157	140	130	126	110	124	112	101	88					
1.50	294	279	234	223	266	215	228	210	189	175	168	146	151	124	165	148	139	134	119	133	121	110	95					
2.00	308	296	234	226	282	218	248	232	196	185	177	159	161	138	175	160	152	146	133	145	134	124	106					
2.50	317	307	232	226	293	219	262	248	200	190	183	167	168	148	181	167	160	155	143	154	143	134	113					
3.00	323	314	231	226	300	220	272	260	202	194	187	173	173	156	185	173	167	161	151	160	151	141	119					
4.00	331	324	229	225	310	219	287	276	205	199	192	182	181	167	191	180	175	170	161	169	161	152	127					
5.00	336	330	227	224	316	219	296	287	207	202	196	187	186	174	194	185	181	176	169	175	167	159	132					
10.00	346	343	222	220	329	216	317	312	210	207	203	198	197	190	201	195	193	189	185	187	182	176	144					
20.00	351	349	218	217	335	214	329	326	210	209	207	204	203	199	204	200	199	197	195	194	191	186	151					

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	231	218	206	196	212	190	167	156	154	144	129	117	111	98	139	118	114	103	96	111	97	93	84
0.80	265	253	230	221	244	214	198	186	178	169	153	140	134	120	161	140	135	124	117	131	117	111	100
1.00	290	278	247	238	267	229	223	210	196	186	171	158	152	137	177	157	151	140	133	146	132	125	112
1.25	313	302	260	252	288	243	246	234	212	203	189	175	169	154	192	172	167	156	148	160	146	138	124
1.50	331	320	270	263	305	253	264	252	225	216	202	189	184	168	203	185	180	169	161	171	158	149	133
2.00	353	343	280	275	325	264	290	278	240	232	220	208	203	188	217	201	196	187	179	185	174	162	145
2.50	368	359	287	282	340	271	308	297	250	244	232	221	217	203	227	212	208	199	192	196	185	172	153
3.00	378	371	292	288	350	276	321	312	258	252	241	231	227	214	234	221	217	209	202	203	193	180	159
4.00	395	390	301	297	367	285	342	334	270	265	256	248	244	233	246	235	232	225	219	216	208	192	170
5.00	408	403	308	305	379	293	358	351	280	276	268	261	257	247	256	246	243	237	232	226	219	203	179
10.00	442	439	329	328	413	316	400	396	308	305	300	296	293	287	283	277	275	271	268	256	251	232	206
20.00	468	467	348	348	439	335	431	429	330	329	326	324	322	318	306	302	301	299	297	280	277	257	229

Working Pl.

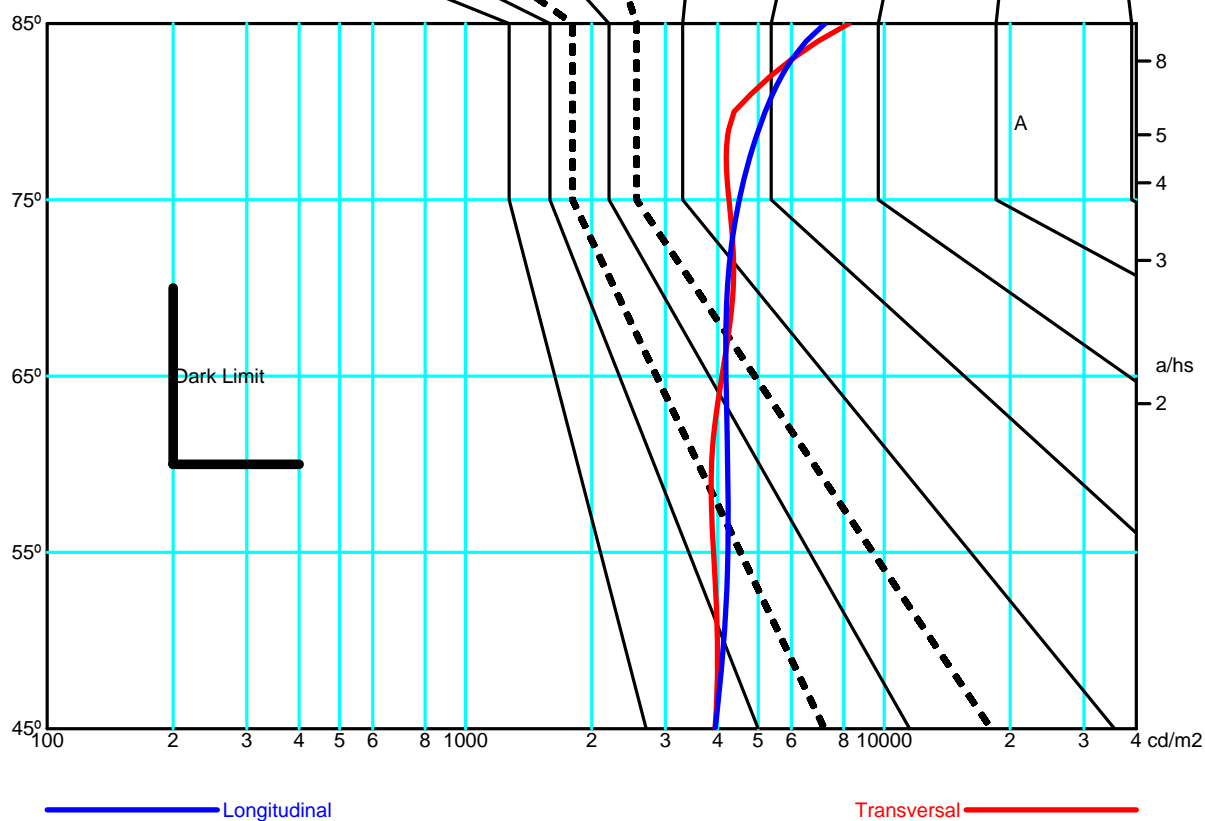
K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000
0.60	256	243	239	228	235	221	180	169	173	163	141	129	118	106	157	129	125	109	103	121	103	99	90
0.80	311	297	286	275	285	265	228	215	218	206	184	169	159	143	196	168	162	146	138	156	137	130	120
1.00	354	340	323	311	324	299	269	254	254	242	220	204	194	176	228	201	194	178	169	186	167	157	146
1.25	395	381	356	346	363	332	309	294	289	277	257	239	231	211	260	233	227	211	201	215	197	185	173
1.50	427	413	381	372	392	356	341	326	317	305	285	267	259	239	285	259	252	238	227	239	220	206	193
2.00	473	461	417	408	435	391	389	375	357	346	329	312	305	284	321	299	292	279	268	274	258	240	226
2.50	503	492	439	432	464	413	423	409	384	374	358	342	336	317	346	326	320	308	297	299	284	263	248
3.00	525	515	455	449	484	429	447	434	403	394	380	365	360	341	364	346	340	329	319	316	303	280	265
4.00	553	545	474	470	511	449	480	469	427	420	408	396	391	374	387	372	366	358	349	339	328	302	286
5.00	571	564	486	483	528	461	501	492	443	437	426	415	411	396	402	388	384	376	368	354	344	316	299
10.00	609	606	512	510	565	488	549	543	477	474	467	460	457	448	434	426	423	418	413	388	382	348	330
20.00	631	629	526	524	586	502	577	574	496	494	490	487	485	480	452	448	446	443	440	407	404	367	348

LM53 SHR C0-C180: 1.577 SHR C90-C270: 1.605 SHR Square: 1.682

Luminaire		Measurem.		Lamp	
Code	6031	Code	6031	Code	6 LED 24V 1.63W
Name	Attached lamp small with glass	Name	Attached lamp small with glass	Number	2
Line	VIBIA-Suite	Date	23-05-2014	Position	
Efficiency	52.92%	Coordinate system	CG	Total Flux	1217.00 lm

	45°	50°	55°	60°	Average Luminance [cd/m²]					80°	85°	
0.0°	3943	3995	3909	3868	65°	70°	75°			4378	8237	---
90.0°	3946	4139	4230	4228	4093	4359	4256	4505	5196	7219		---

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		Measurem.		Lamp	
Code	6031	Code	6031	Code	6 LED 24V 1.63W
Name	Attached lamp small with glass	Name	Attached lamp small with glass	Number	2
Line	VIBIA-Suite	Date	23-05-2014	Position	
Efficiency	52.92%	Coordinate system	CG	Total Flux	1217.00 lm

Luminance



Luminaire					Measurem.					Lamp				
Code	6031				Code	6031				Code	6 LED 24V 1.63W			
Name	Attached lamp small with glass				Name	Attached lamp small with glass				Number	2			
Line	VIBIA-Suite				Date	23-05-2014				Position				
Efficiency		52.92%			Coordinate system		CG			Total Flux		1217.00 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	2737.16	2737.16	2737.16	2737.16	2737.16	2737.16	2737.16	2737.16	2737.16	2737.16	2737.16	2737.16	2737.16	
G 5.0	2761.45	2759.36	2775.44	2861.75	2910.85	2914.11	2901.45	2796.59	2812.24	2825.43	2811.62	2808.44	2856.38	
G 10.0	2807.36	2836.25	2864.92	2973.12	2996.85	3022.66	3072.57	2951.76	2949.93	3004.63	2980.04	2975.65	2986.03	
G 15.0	2924.07	2975.68	3018.35	3045.24	2938.01	3009.80	3229.07	3226.34	3164.58	3304.31	3281.79	3276.06	3132.32	
G 20.0	3024.95	3067.88	3166.80	3089.33	2909.63	2987.85	3318.24	3413.13	3345.75	3569.15	3599.65	3572.72	3370.95	
G 25.0	3052.67	3033.94	3246.07	3134.19	3082.74	3074.69	3299.24	3324.49	3385.14	3643.36	3794.30	3726.91	3746.06	
G 30.0	3132.90	3094.42	3322.49	3243.57	3301.22	3198.94	3237.83	3178.30	3355.43	3619.95	3834.68	3823.54	4058.61	
G 35.0	3399.06	3474.13	3473.65	3466.07	3376.29	3272.29	3223.94	3244.57	3369.33	3644.16	3749.19	3976.17	4102.50	
G 40.0	3730.26	3936.41	3635.42	3705.19	3447.91	3397.07	3299.76	3430.81	3468.64	3754.10	3727.60	4115.48	4038.26	
G 45.0	3942.89	4154.62	3720.81	3833.61	3698.81	3644.95	3490.48	3569.44	3668.39	3946.06	3948.28	4146.88	4096.67	
G 50.0	3994.71	4187.10	3780.78	3849.05	3949.25	3970.88	3773.22	3707.90	3922.93	4138.82	4171.96	4168.38	4221.73	
G 55.0	3908.95	4191.49	3893.59	3796.14	3945.11	4007.25	4090.43	3935.51	4165.75	4230.28	4084.12	4307.47	4278.07	
G 60.0	3868.10	4139.85	3993.44	3764.20	3857.41	3903.92	4301.68	4140.19	4368.10	4227.55	3945.73	4414.66	4264.79	
G 65.0	4093.21	3958.59	3963.60	3859.86	3996.74	3896.98	4247.58	4149.27	4512.04	4187.52	4204.82	4267.48	4226.09	
G 70.0	4359.37	3777.27	3826.25	4037.04	4266.00	4050.64	4101.08	4081.66	4617.43	4219.25	4686.38	4095.10	4183.71	
G 75.0	4255.73	3883.46	3719.60	4209.20	4411.05	4403.65	4255.07	4244.71	4751.69	4504.99	4937.59	4406.99	4182.23	
G 80.0	4378.46	4581.97	4128.36	4691.50	4779.30	5159.23	4994.96	4937.77	5159.04	5195.54	5219.61	5417.66	4451.12	
G 85.0	8237.21	7320.95	7177.03	7180.20	7295.40	7600.65	7587.79	7538.82	7155.10	7219.25	7288.14	8109.19	6232.17	
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	6031				Code	6031				Code	6 LED 24V 1.63W		
Name	Attached lamp small with glass				Name	Attached lamp small with glass				Number	2		
Line	VIBIA-Suite				Date	23-05-2014				Position			
Efficiency		52.92%			Coordinate system		CG			Total Flux		1217.00 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	2737.16	2737.16	2737.16	2737.16	2737.16	2737.16	2737.16	2737.16	2737.16	2737.16	2737.16	2737.16	2737.16
G 5.0	2789.41	2755.16	2704.51	2631.70	2629.86	2671.75	2668.30	2650.56	2740.78	2671.81	2630.68	2660.47	2637.97
G 10.0	2879.08	2830.79	2742.24	2678.98	2671.36	2684.76	2647.05	2626.63	2765.55	2654.88	2600.39	2634.41	2614.85
G 15.0	3028.19	3001.78	2896.21	2959.56	2943.77	2821.00	2699.60	2704.10	2785.25	2708.73	2681.86	2674.40	2691.24
G 20.0	3276.65	3301.67	3186.37	3313.48	3312.50	3059.76	2842.91	2899.58	2858.58	2826.85	2815.57	2728.12	2744.90
G 25.0	3638.54	3731.34	3599.62	3564.07	3617.07	3363.62	3088.48	3204.89	3027.80	2983.64	2922.66	2742.50	2661.96
G 30.0	3976.23	4134.30	3990.84	3766.57	3853.74	3692.20	3421.96	3513.93	3219.87	3098.63	2957.00	2749.68	2562.04
G 35.0	4138.20	4338.27	4208.24	4002.31	4050.50	3996.13	3793.96	3701.49	3333.65	3088.99	2895.66	2793.06	2655.67
G 40.0	4162.42	4367.40	4300.12	4157.82	4188.40	4203.08	4025.97	3723.34	3315.23	2968.46	2805.75	2846.45	2783.13
G 45.0	4135.81	4296.58	4356.23	4099.32	4243.55	4247.16	3947.62	3578.32	3146.79	2796.63	2773.36	2879.60	2993.63
G 50.0	4096.39	4163.79	4358.25	3962.79	4257.15	4185.59	3747.34	3401.67	2965.00	2716.33	2805.26	2960.64	3269.55
G 55.0	4069.85	4005.46	4259.00	3944.96	4285.98	4114.45	3705.26	3362.26	2956.43	2889.69	2889.38	3170.39	3375.53
G 60.0	4066.85	3884.17	4075.30	3963.99	4320.06	4074.59	3781.66	3434.96	3162.50	3279.12	3038.86	3411.70	3386.62
G 65.0	4096.74	3879.41	3854.73	3851.49	4326.94	4079.97	3833.46	3524.45	3556.89	3746.12	3266.94	3522.52	3386.77
G 70.0	4173.94	3999.18	3665.64	3687.46	4309.22	4035.95	3875.80	3583.36	3937.91	4040.09	3500.55	3521.14	3430.97
G 75.0	4356.48	4252.63	3642.01	3711.97	4323.64	3834.07	4026.40	3610.13	4015.34	3847.30	3651.29	3540.18	3599.33
G 80.0	4967.67	4868.47	4096.28	4227.00	4724.01	4019.17	4578.84	3973.39	4206.12	3744.78	4104.83	3910.70	4067.10
G 85.0	7670.93	7192.37	6522.50	6607.31	7230.63	7732.04	7012.46	6421.55	6605.69	7031.78	6759.69	6109.14	5840.33
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	6031				Code	6031				Code	6 LED 24V 1.63W		
Name	Attached lamp small with glass				Name	Attached lamp small with glass				Number	2		
Line	VIBIA-Suite				Date	23-05-2014				Position			
Efficiency		52.92%			Coordinate system		CG			Total Flux		1217.00 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	2737.16	2737.16	2737.16	2737.16	2737.16	2737.16	2737.16	2737.16	2737.16	2737.16	2737.16	2737.16	2737.16
G 5.0	2671.75	2668.30	2650.56	2740.78	2671.81	2630.68	2660.47	2637.97	2723.31	2787.50	2774.69	2755.38	2710.19
G 10.0	2684.76	2647.05	2626.63	2765.55	2654.88	2600.39	2634.41	2614.85	2741.26	2819.56	2806.93	2824.83	2764.44
G 15.0	2821.00	2699.60	2704.10	2785.25	2708.73	2681.86	2674.40	2691.24	2790.57	2811.87	2820.09	2950.36	2927.36
G 20.0	3059.76	2842.91	2899.58	2858.58	2826.85	2815.57	2728.12	2744.90	2818.70	2821.56	2854.53	3021.82	3074.99
G 25.0	3363.62	3088.48	3204.89	3027.80	2983.64	2922.66	2742.50	2661.96	2781.78	2901.03	2949.40	2951.72	3087.67
G 30.0	3692.20	3421.96	3513.93	3219.87	3098.63	2957.00	2749.68	2562.04	2747.88	2977.70	3065.60	2913.84	3067.65
G 35.0	3996.13	3793.96	3701.49	3333.65	3088.99	2895.66	2793.06	2655.67	2792.07	2967.53	3152.76	3100.52	3205.51
G 40.0	4203.08	4025.97	3723.34	3315.23	2968.46	2805.75	2846.45	2783.13	2850.83	2924.25	3223.18	3381.63	3387.45
G 45.0	4247.16	3947.62	3578.32	3146.79	2796.63	2773.36	2879.60	2993.63	2857.95	2947.39	3306.47	3555.76	3632.88
G 50.0	4185.59	3747.34	3401.67	2965.00	2716.33	2805.26	2960.64	3269.55	2975.95	3125.00	3418.91	3623.59	3955.79
G 55.0	4114.45	3705.26	3362.26	2956.43	2889.69	2889.38	3170.39	3375.53	3396.88	3438.54	3569.73	3642.71	3929.08
G 60.0	4074.59	3781.66	3434.96	3162.50	3279.12	3038.86	3411.70	3386.62	3893.36	3871.65	3736.21	3629.87	3739.16
G 65.0	4079.97	3833.46	3524.45	3556.89	3746.12	3266.94	3522.52	3386.77	4078.91	3891.53	3871.97	3589.73	3601.80
G 70.0	4035.95	3875.80	3583.36	3937.91	4040.09	3500.55	3521.14	3430.97	3950.20	3686.44	3901.77	3524.75	3519.41
G 75.0	3834.07	4026.40	3610.13	4015.34	3847.30	3651.29	3540.18	3599.33	3693.97	3623.69	3754.22	3464.70	3443.53
G 80.0	4019.17	4578.84	3973.39	4206.12	3744.78	4104.83	3910.70	4067.10	3669.42	4020.42	3800.07	3660.26	3689.28
G 85.0	7732.04	7012.46	6421.55	6605.69	7031.78	6759.69	6109.14	5840.33	5309.97	6099.50	5728.24	5369.60	5830.02
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