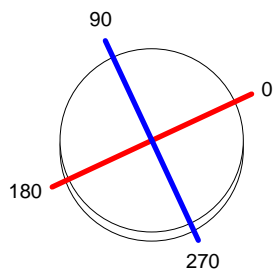


Luminaire		Measurem.		Lamp			
Code	1550	Code	1550	Code	3 LED 5.6W 500mA		
Name	Hanging lamp 4.0 2700K 1-10V	Name	Hanging lamp 4.0 2700K 1-10V	Number	1		
Line	VIBIA-Flamingo	Date	08-02-2016	Position	Universal		
Luminaire Flux	1652.28 lm	Luminaire Power	17.00 W	Efficacy	97.19 lm/W	Efficiency	79.31%
Lamps Flux	2083.26 lm	Maximum value	1344.47 cd/klm	Position	C=0.00 G=0.00	CG	Asymmetrical
Round Luminaire		Diam.	900 mm	Height	300 mm		
Round Luminous Area		Diam.	5 mm	Height	3 mm		
Horizontal Luminous Area		0.000020 m2		Emitting area on Plane 180°		0.000015 m2	
Emitting area on Plane 0°		0.000015 m2		Emitting area on Plane 270°		0.000015 m2	
Emitting area on Plane 90°		0.000015 m2		Glare area at 76°		0.000019 m2	
Coordinate system		CG		Symmetry Type		Asymmetrical	
Date		08-02-2016		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1653.07 lm	
Operator		Asselum		Source voltage		230.00 V	
Temperature		25.00 °C		Source current			
Humidity		50.00 %		Photocell			
Notes							
Luminaire Lamps							
Line		Code	Name	Flux [lm]	Pow. [W]	Q.ty	
- VIBIA		3 LED 5.6W 500mA	Lámpara 3 leds 5.6W 2700K	2083.26	17.00	1	
C.I.E.	92 98 100 67 79		D DIN 5040	B61			
F UTE	0.53 A + 0.26 T		B NBN	BZ 1			

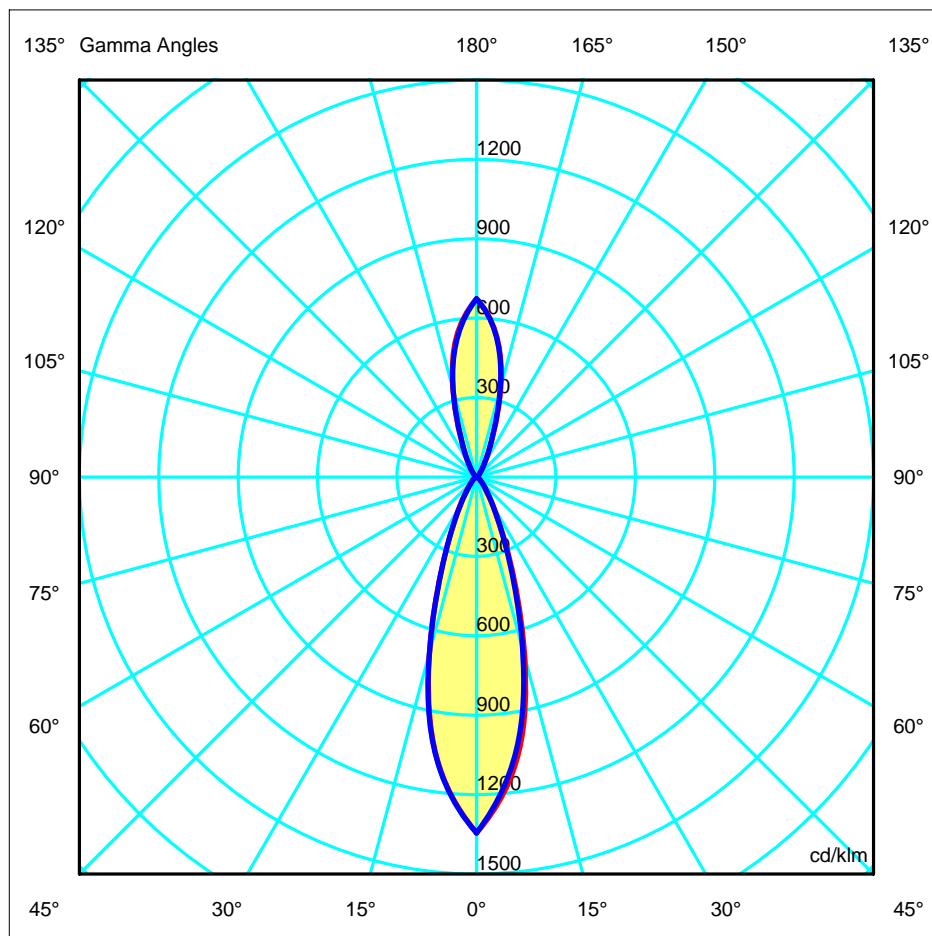
Diam=900mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0

ULOR 26.32 %
DLOR 52.99 %
RN 33.19 %



Luminaire				Measurem.				Lamp							
Code	1550			Code	1550			Code	3 LED 5.6W 500mA						
Name	Hanging lamp 4.0 2700K 1-10V			Name	Hanging lamp 4.0 2700K 1-10V			Number	1						
Line	VIBIA-Flamingo			Date	08-02-2016			Position	Universal						
Luminaire Flux		1652.28 lm		Luminaire Power		17.00 W		Efficacy		97.19 lm/W		Efficiency		79.31%	
Lamps Flux		2083.26 lm		Maximum value		1344.47 cd/klm		Position		C=0.00 G=0.00		CG		Asymmetrical	
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	1344.47	1344.47	1344.47	1344.47	1344.47	1344.47	1344.47	1344.47	1344.47	1344.47	1344.47	1344.47	1344.47	1344.47	1344.47
G 10.0	991.16	988.79	986.42	981.68	976.94	972.19	967.45	962.71	960.34	960.34	962.71	965.08	967.45	967.45	967.45
G 20.0	419.70	410.22	407.85	414.96	424.45	429.19	422.07	412.59	403.10	398.36	398.36	403.10	412.59	412.59	412.59
G 30.0	120.93	123.30	123.30	125.67	130.42	130.42	125.67	120.93	120.93	123.30	120.93	118.56	120.93	120.93	120.93
G 40.0	40.31	37.94	40.31	37.94	40.31	37.94	37.94	35.57	40.31	47.42	42.68	37.94	40.31	40.31	40.31
G 50.0	18.97	18.97	18.97	16.60	21.34	21.34	21.34	16.60	16.60	18.97	21.34	21.34	21.34	21.34	21.34
G 60.0	9.48	11.86	11.86	11.86	9.48	9.48	9.48	9.48	11.86	7.11	9.48	9.48	9.48	9.48	9.48
G 70.0	4.74	4.74	4.74	4.74	4.74	4.74	4.74	2.37	2.37	2.37	2.37	4.74	4.74	4.74	4.74
G 80.0	2.37	2.37	0.00	0.00	0.00	2.37	0.00	0.00	0.00	2.37	0.00	0.00	0.00	0.00	0.00
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	0.00	0.00
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	0.00	0.00
G110.0	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37
G120.0	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74
G130.0	9.48	9.48	9.48	9.48	9.48	9.48	9.48	9.48	7.11	9.48	9.48	9.48	9.48	9.48	9.48
G140.0	21.34	23.71	21.34	21.34	18.97	18.97	21.34	18.97	18.97	18.97	18.97	21.34	23.71	23.71	23.71
G150.0	61.65	59.28	64.02	66.39	64.02	61.65	59.28	59.28	61.65	61.65	59.28	56.91	59.28	59.28	59.28
G160.0	208.67	206.29	211.04	215.78	218.15	213.41	208.67	203.92	201.55	201.55	201.55	206.29	211.04	211.04	211.04
G170.0	495.58	483.73	476.61	476.61	478.98	481.35	483.73	488.47	490.84	490.84	490.84	490.84	488.47	488.47	488.47
G180.0	673.42	673.42	673.42	673.42	673.42	673.42	673.42	673.42	673.42	673.42	673.42	673.42	673.42	673.42	673.42

Luminaire				Measurem.				Lamp							
Code	1550			Code	1550			Code	3 LED 5.6W 500mA						
Name	Hanging lamp 4.0 2700K 1-10V			Name	Hanging lamp 4.0 2700K 1-10V			Number	1						
Line	VIBIA-Flamingo			Date	08-02-2016			Position	Universal						
Luminaire Flux		1652.28 lm		Luminaire Power		17.00 W		Efficacy		97.19 lm/W		Efficiency		79.31%	
Lamps Flux		2083.26 lm		Maximum value		1344.47 cd/klm		Position		C=0.00 G=0.00		CG		Asymmetrical	
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	1344.47	1344.47	1344.47	1344.47	1344.47	1344.47	1344.47	1344.47	1344.47	1344.47	1344.47	1344.47	1344.47	1344.47	1344.47
G 10.0	972.19	974.56	976.94	976.94	976.94	979.31	979.31	981.68	984.05	986.42	986.42	986.42	986.42	986.42	986.42
G 20.0	419.70	417.33	412.59	405.48	403.10	403.10	403.10	407.85	414.96	422.07	424.45	417.33	407.85	407.85	407.85
G 30.0	120.93	120.93	123.30	128.05	130.42	125.67	125.67	125.67	123.30	125.67	125.67	120.93	116.19	116.19	116.19
G 40.0	40.31	37.94	40.31	40.31	37.94	42.68	40.31	42.68	40.31	42.68	45.05	45.05	42.68	42.68	42.68
G 50.0	21.34	23.71	21.34	18.97	18.97	18.97	21.34	18.97	18.97	18.97	18.97	21.34	18.97	18.97	18.97
G 60.0	9.48	11.86	9.48	9.48	9.48	9.48	9.48	11.86	9.48	11.86	9.48	9.48	9.48	9.48	9.48
G 70.0	2.37	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	2.37	2.37	2.37	2.37	2.37
G 80.0	0.00	0.00	2.37	0.00	2.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0.00	0.00
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	0.00	0.00
G110.0	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37
G120.0	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74
G130.0	9.48	9.48	9.48	9.48	9.48	9.48	9.48	9.48	9.48	11.86	11.86	9.48	9.48	9.48	9.48
G140.0	23.71	21.34	21.34	21.34	18.97	21.34	18.97	21.34	18.97	18.97	21.34	21.34	18.97	18.97	18.97
G150.0	64.02	64.02	61.65	64.02	61.65	64.02	64.02	64.02	61.65	59.28	59.28	59.28	59.28	59.28	59.28
G160.0	215.78	213.41	208.67	199.18	196.81	201.55	196.81	199.18	206.29	211.04	211.04	208.67	201.55	201.55	201.55
G170.0	483.73	481.35	476.61	474.24	478.98	490.84	476.61	471.87	471.87	474.24	476.61	478.98	478.98	478.98	478.98
G180.0	673.42	673.42	673.42	673.42	673.42	673.42	673.42	673.42	673.42	673.42	673.42	673.42	673.42	673.42	673.42

Luminaire			Measur.			Lamp						
Code	1550		Code	1550		Code	3 LED 5.6W 500mA					
Name	Hanging lamp 4.0 2700K 1-10V		Name	Hanging lamp 4.0 2700K 1-10V		Number	1					
Line	VIBIA-Flamingo		Date	08-02-2016		Position	Universal					
Luminaire Flux			1652.28 lm	Luminaire Power		17.00 W	Efficacy		97.19 lm/W	Efficiency		79.31%
Lamps Flux			2083.26 lm	Maximum value		1344.47 cd/klm	Position		C=0.00 G=0.00	CG		Asymmetrical
Luminous Intensity Table cd/klm Table 3/3												
			C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0			1344.47	1344.47	1344.47	1344.47	1344.47	1344.47	1344.47	1344.47	1344.47	1344.47
G 10.0			984.05	984.05	981.68	979.31	979.31	981.68	984.05	986.42	991.16	991.16
G 20.0			403.10	403.10	403.10	403.10	410.22	422.07	429.19	431.56	429.19	424.45
G 30.0			118.56	123.30	123.30	120.93	120.93	123.30	128.05	132.79	128.05	123.30
G 40.0			40.31	37.94	35.57	37.94	40.31	37.94	40.31	42.68	42.68	47.42
G 50.0			18.97	18.97	16.60	16.60	18.97	18.97	16.60	18.97	16.60	21.34
G 60.0			9.48	9.48	9.48	9.48	9.48	9.48	9.48	9.48	11.86	9.48
G 70.0			2.37	2.37	2.37	2.37	2.37	2.37	4.74	4.74	4.74	2.37
G 80.0			0.00	0.00	2.37	2.37	2.37	0.00	0.00	2.37	0.00	0.00
G 90.0			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0			0.00	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37
G120.0			4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74	4.74
G130.0			11.86	9.48	7.11	9.48	11.86	9.48	9.48	9.48	9.48	9.48
G140.0			21.34	23.71	18.97	18.97	18.97	18.97	18.97	18.97	21.34	18.97
G150.0			61.65	61.65	59.28	59.28	61.65	64.02	66.39	64.02	61.65	61.65
G160.0			199.18	199.18	201.55	206.29	213.41	218.15	215.78	206.29	199.18	199.18
G170.0			481.35	481.35	478.98	478.98	478.98	476.61	474.24	474.24	474.24	481.35
G180.0			673.42	673.42	673.42	673.42	673.42	673.42	673.42	673.42	673.42	673.42

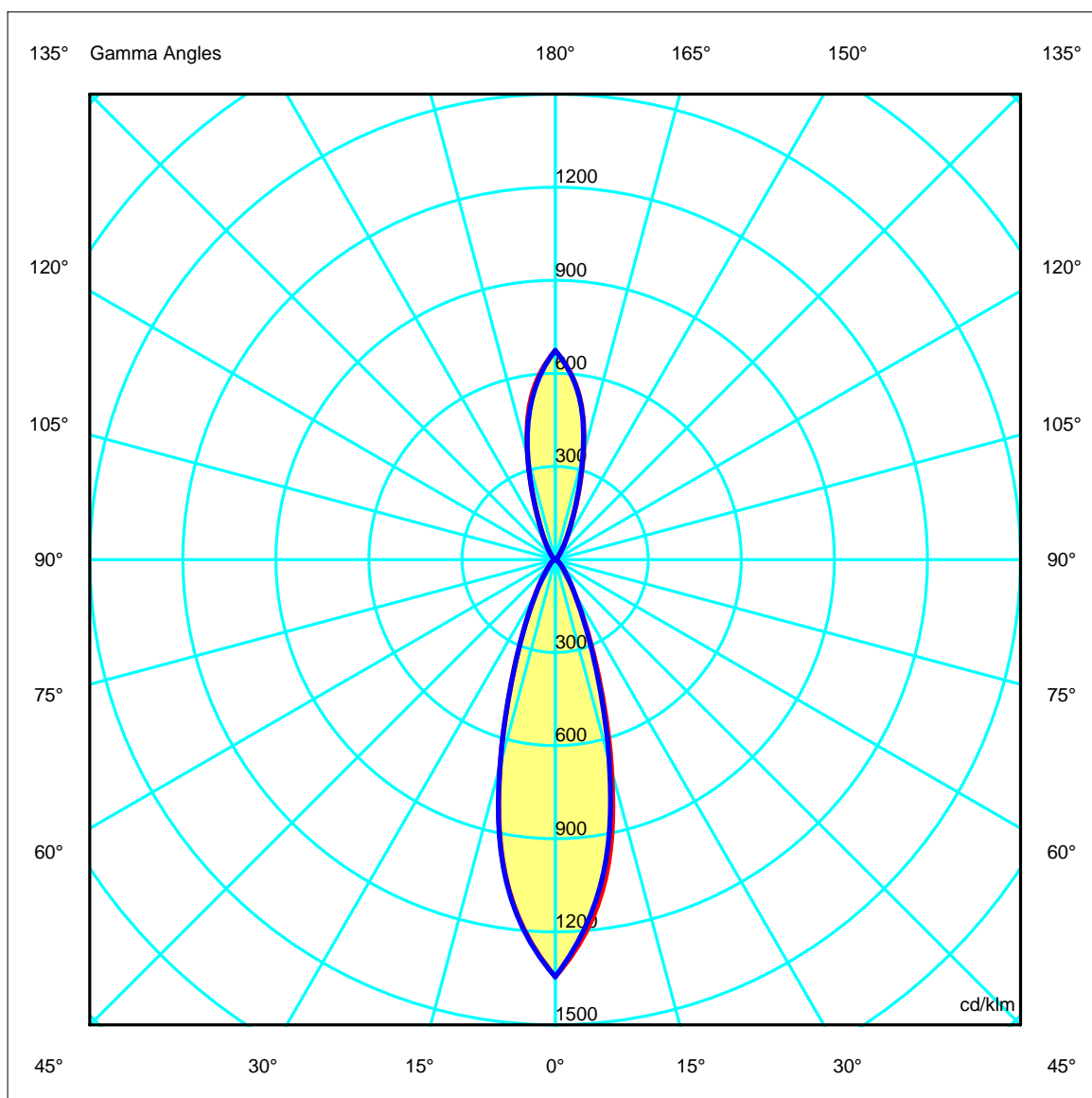
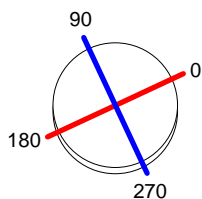
Luminaire			Measurem.			Lamp	
Code	1550		Code	1550		Code	3 LED 5.6W 500mA
Name	Hanging lamp 4.0 2700K 1-10V		Name	Hanging lamp 4.0 2700K 1-10V		Number	1
Line	VIBIA-Flamingo		Date	08-02-2016		Position	Universal
Luminaire Flux	1652.28 lm	Luminaire Power	17.00 W	Efficacy	97.19 lm/W	Efficiency	79.31%
Lamps Flux	2083.26 lm	Maximum value	1344.47 cd/klm	Position	C=0.00 G=0.00	CG	Asymmetrical

Diam=900mm

C Halfplanes

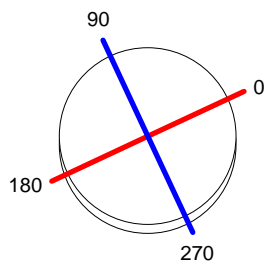
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270.0 ————— 90.0



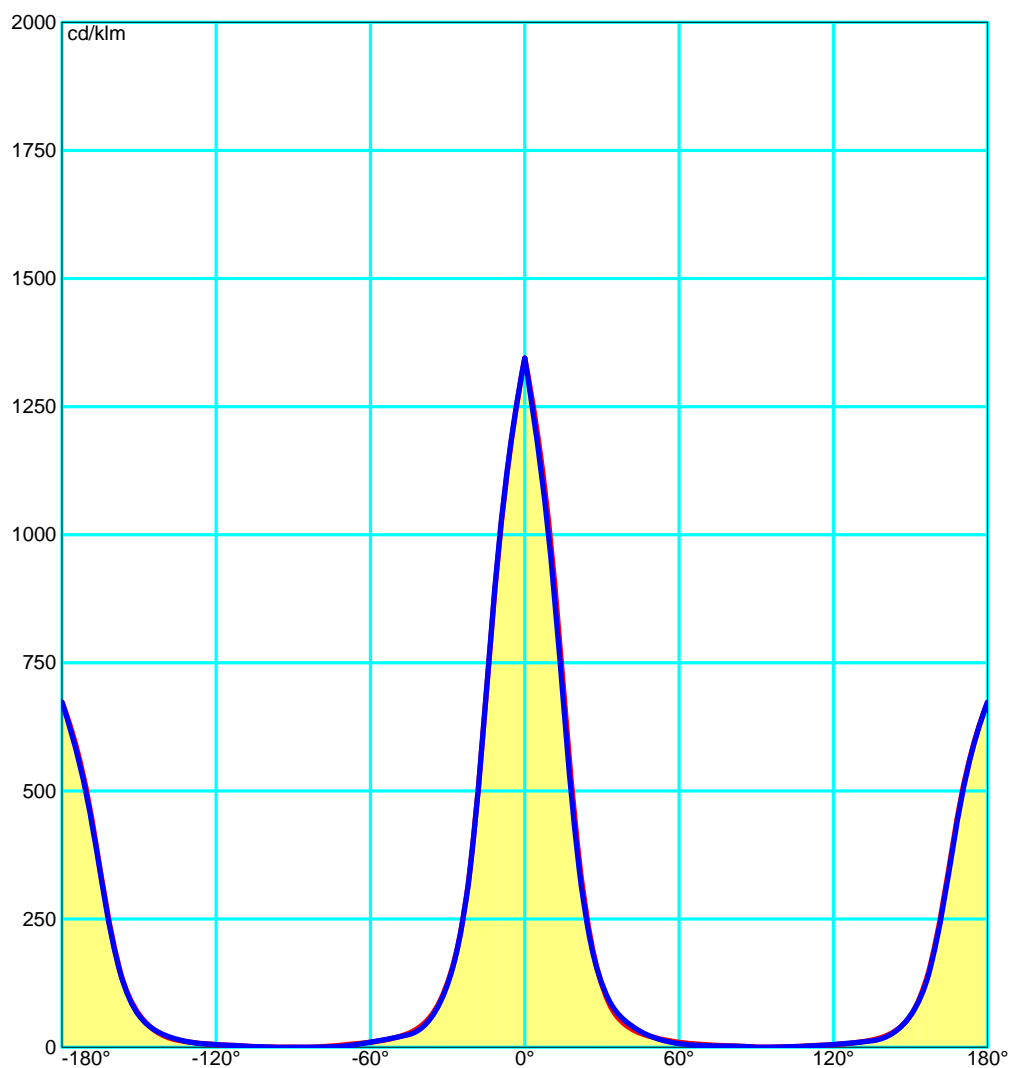
Luminaire		Measurem.		Lamp			
Code	1550	Code	1550	Code	3 LED 5.6W 500mA		
Name	Hanging lamp 4.0 2700K 1-10V	Name	Hanging lamp 4.0 2700K 1-10V	Number	1		
Line	VIBIA-Flamingo	Date	08-02-2016	Position	Universal		
Luminaire Flux	1652.28 lm	Luminaire Power	17.00 W	Efficacy	97.19 lm/W	Efficiency	79.31%
Lamps Flux	2083.26 lm	Maximum value	1344.47 cd/klm	Position	C=0.00 G=0.00	CG	Asymmetrical

Diam=900mm



C Halfplanes

180.0 ————— 0.0
 270.0 ————— 90.0



Luminaire		Measur.		Lamp			
Code	1550	Code	1550	Code	3 LED 5.6W 500mA		
Name	Hanging lamp 4.0 2700K 1-10V	Name	Hanging lamp 4.0 2700K 1-10V	Number	1		
Line	VIBIA-Flamingo	Date	08-02-2016	Position	Universal		
Luminaire Flux	1652.28 lm	Luminaire Power	17.00 W	Efficacy	97.19 lm/W	Efficiency	79.31%
Lamps Flux	2083.26 lm	Maximum value	1344.47 cd/klm	Position	C=0.00 G=0.00	CG	Asymmetrical

Total Flux=2083.26 Luminaire Flux=1652.28

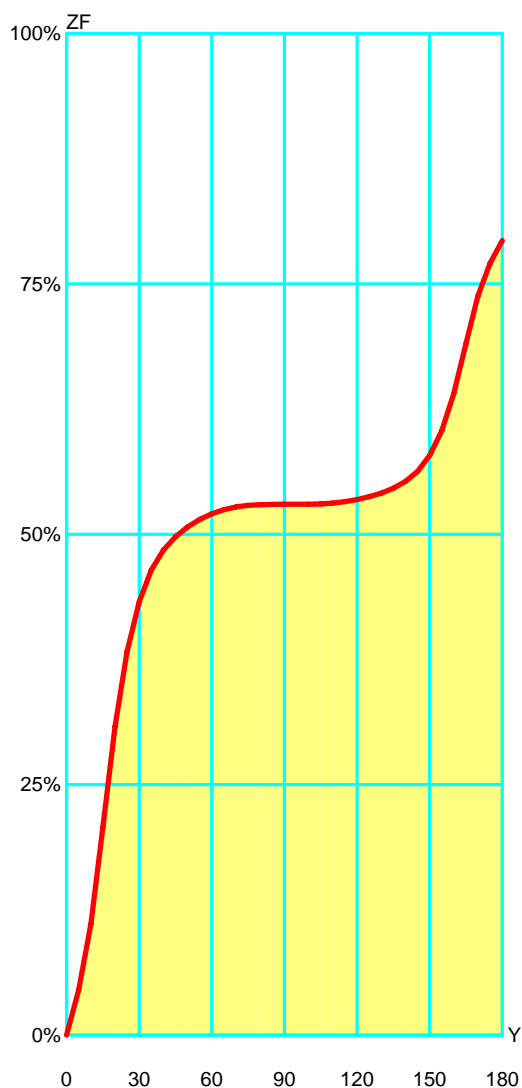
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.68	0.73	0.78	0.82	0.85	0.90	0.93	0.95	0.97	0.98	1.01	1.01
RC	-	-	-	-	-	-	-	-	-	-	-	-

		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)		111	308	432	484	507	520	527	530	530	530	531	535	541	553	579	641	738	793

CIE Flux Codes
92 98 100 67 79

C.I.E. -/-/-/-/-/-/-/-/-
D DIN 5040 B61
F UTE 0.53 A + 0.26 T
B NBN BZ 1
RN 33.18562 %
BLF 1.0

LOR 79.31237 %
ULOR 26.32030 %
DLOR 52.99207 %
UFF 33.18562 %
DFF 66.81438 %
FFR 49.66837 %



Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	45.27	45.27	5.71 %	5.71 %
10°	65.61	110.88	8.27 %	13.98 %
15°	96.76	207.64	12.20 %	26.18 %
20°	100.52	308.16	12.67 %	38.85 %
25°	74.82	382.97	9.43 %	48.29 %
30°	49.48	432.46	6.24 %	54.53 %
35°	31.65	464.11	3.99 %	58.52 %
40°	19.99	484.10	2.52 %	61.04 %
45°	13.52	497.62	1.71 %	62.74 %
50°	9.66	507.28	1.22 %	63.96 %
55°	7.45	514.73	0.94 %	64.90 %
60°	5.69	520.43	0.72 %	65.62 %
65°	4.09	524.52	0.52 %	66.13 %
70°	2.71	527.23	0.34 %	66.47 %
75°	1.56	528.79	0.20 %	66.67 %
80°	0.77	529.56	0.10 %	66.77 %
85°	0.31	529.87	0.04 %	66.81 %
90°	0.05	529.92	0.01 %	66.81 %
95°	0.00	529.92	0.00 %	66.81 %
100°	0.00	529.92	0.00 %	66.81 %
105°	0.38	530.30	0.05 %	66.86 %
110°	0.84	531.14	0.11 %	66.97 %
115°	1.43	532.57	0.18 %	67.15 %
120°	2.07	534.64	0.26 %	67.41 %
125°	2.78	537.42	0.35 %	67.76 %
130°	3.66	541.08	0.46 %	68.22 %
135°	4.84	545.92	0.61 %	68.83 %
140°	6.79	552.71	0.86 %	69.69 %
145°	9.97	562.68	1.26 %	70.94 %
150°	15.83	578.51	2.00 %	72.94 %
155°	24.82	603.33	3.13 %	76.07 %
160°	37.27	640.60	4.70 %	80.77 %
165°	49.69	690.28	6.26 %	87.03 %
170°	47.75	738.03	6.02 %	93.05 %
175°	32.52	770.55	4.10 %	97.15 %
180°	22.58	793.12	2.85 %	100.00 %

Luminaire			Measurem.			Lamp	
Code	1550		Code	1550		Code	3 LED 5.6W 500mA
Name	Hanging lamp 4.0 2700K 1-10V		Name	Hanging lamp 4.0 2700K 1-10V		Number	1
Line	VIBIA-Flamingo		Date	08-02-2016		Position	Universal
Luminaire Flux	1652.28 lm	Luminaire Power	17.00 W	Efficacy	97.19 lm/W	Efficiency	79.31%
Lamps Flux	2083.26 lm	Maximum value	1344.47 cd/klm	Position	C=0.00 G=0.00	CG	Asymmetrical

UGR
S = 0.250

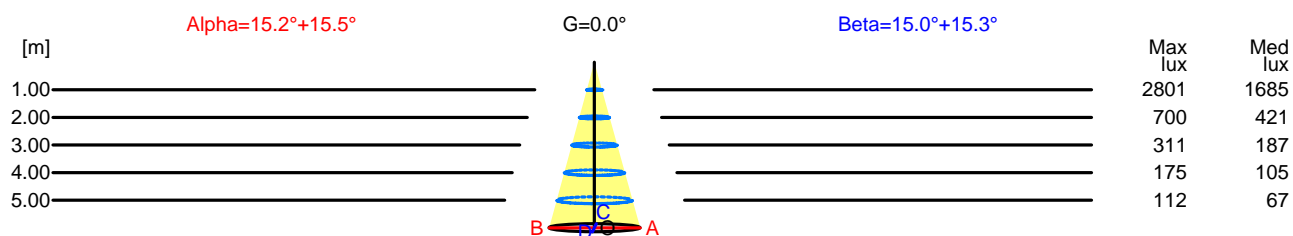
Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
WorkingPlane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
RoomDimensions										
RoomDimensions	ViewedCrosswise					ViewedEndwise				
	x=2H y=2H	x=2H y=3H	x=2H y=4H	x=2H y=6H	x=2H y=8H	x=2H y=12H	x=4H y=2H	x=4H y=3H	x=4H y=4H	x=4H y=6H
x=2H y=2H	30.7	31.3	31.4	32.0	32.4	30.3	30.9	31.0	31.6	32.4
x=2H y=3H	30.8	31.4	31.6	32.1	32.4	30.3	30.8	31.0	31.5	32.4
x=2H y=4H	30.8	31.3	31.6	32.1	32.3	30.2	30.7	30.9	31.4	32.3
x=2H y=6H	30.7	31.2	31.5	32.0	32.2	30.1	30.6	30.8	31.3	32.2
x=2H y=8H	30.7	31.1	31.4	31.9	32.1	30.0	30.5	30.8	31.2	32.1
x=2H y=12H	30.6	31.0	31.4	31.8	32.1	30.0	30.4	30.8	31.2	32.1
x=4H y=2H	30.6	31.2	31.4	31.9	32.4	30.3	30.8	31.0	31.5	32.4
x=4H y=3H	30.9	31.3	31.7	32.1	32.3	30.2	30.7	31.0	31.4	32.3
x=4H y=4H	30.9	31.3	31.7	32.0	32.3	30.2	30.5	31.0	31.3	32.3
x=4H y=6H	30.8	31.1	31.6	31.9	32.2	30.1	30.4	30.9	31.2	32.2
x=4H y=8H	30.7	31.0	31.6	31.9	32.2	30.1	30.3	30.9	31.2	32.2
x=4H y=12H	30.7	30.9	31.6	31.8	32.1	30.0	30.3	30.9	31.1	32.1
x=8H y=4H	30.7	31.0	31.6	31.8	32.1	30.0	30.3	30.9	31.1	32.1
x=8H y=6H	30.6	30.9	31.5	31.7	32.1	30.0	30.2	30.9	31.1	32.1
x=8H y=8H	30.6	30.8	31.5	31.7	32.1	30.0	30.2	30.9	31.0	32.1
x=8H y=12H	30.5	30.7	31.4	31.6	32.1	29.9	30.1	30.9	31.0	32.1
x=12H y=4H	30.6	30.9	31.5	31.7	32.1	29.9	30.2	30.8	31.0	32.1
x=12H y=6H	30.6	30.8	31.5	31.6	32.1	29.9	30.1	30.8	31.0	32.1
x=12H y=8H	30.5	30.7	31.4	31.6	32.0	29.9	30.1	30.8	30.9	32.0

Luminaire			Measur.			Lamp	
Code	1550		Code	1550		Code	3 LED 5.6W 500mA
Name	Hanging lamp 4.0 2700K 1-10V		Name	Hanging lamp 4.0 2700K 1-10V		Number	1
Line	VIBIA-Flamingo		Date	08-02-2016		Position	Universal
Luminaire Flux	1652.28 lm	Luminaire Power	17.00 W	Efficacy	97.19 lm/W	Efficiency	79.31%
Lamps Flux	2083.26 lm	Maximum value	1344.47 cd/klm	Position	C=0.00 G=0.00	CG	Asymmetrical

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	0.28	0.56	0.83	1.11	1.39	OC	0.27	0.54	0.80	1.07	1.34
OB	0.27	0.54	0.82	1.09	1.36	OD	0.27	0.55	0.82	1.09	1.37

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	2800.89	2490.78	1466.30	475.83	137.04	55.97	28.08	13.86	7.24	2.25
OB	2800.89	2478.76	1430.12	463.38	149.53	56.76	27.88	14.50	4.27	0.00
OC	2800.89	2451.26	1402.69	457.95	152.38	63.74	24.28	8.32	4.94	2.75
OD	2800.89	2485.85	1436.02	460.49	140.99	51.21	29.62	11.24	1.39	0.00



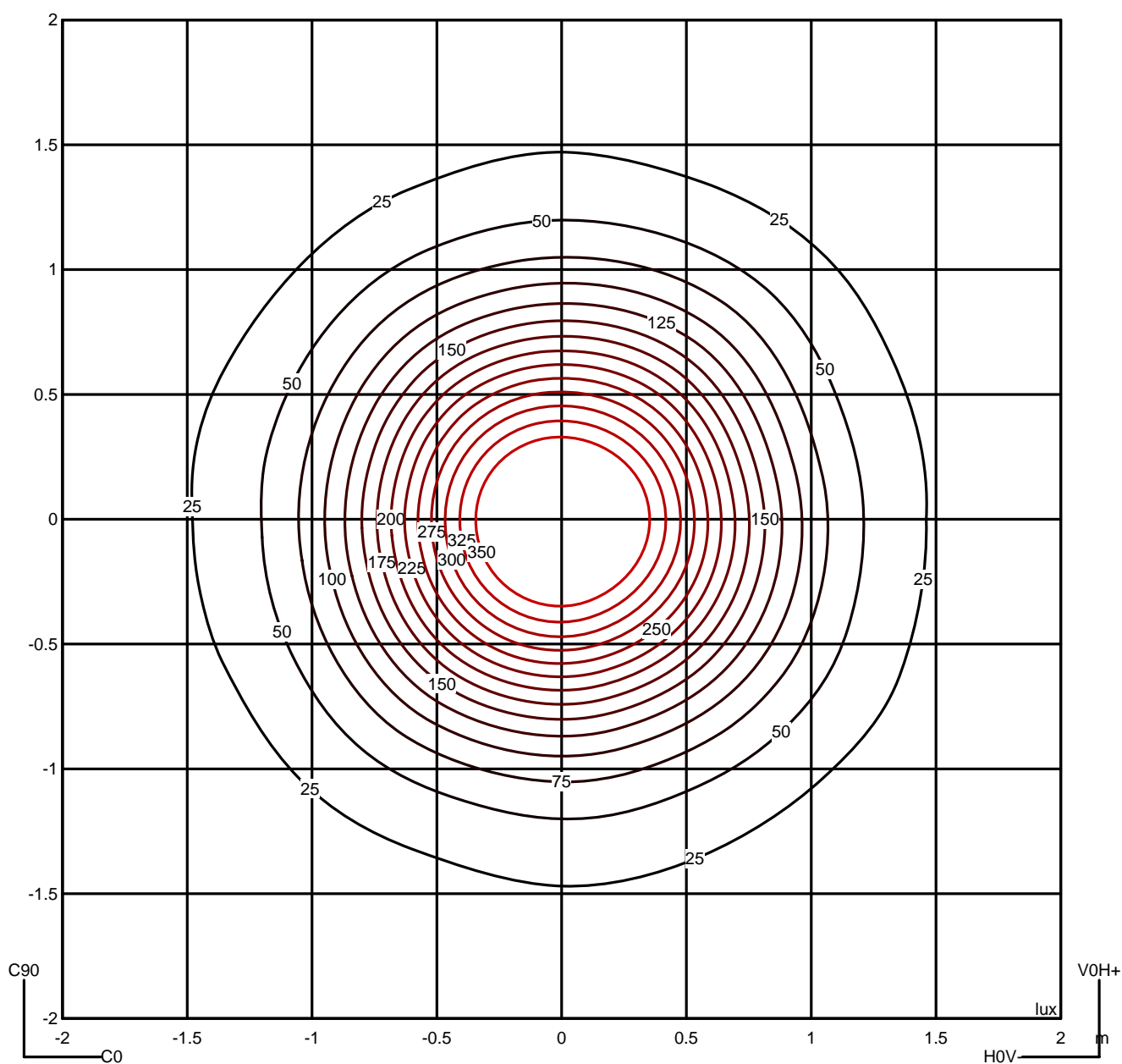
H[m]	D[m]	Max lux	Med lux	Alpha=15.2°+15.5°	G=0.0	
1.00	0.55	2801	1685			
2.00	1.10	700	421			
3.00	1.65	311	187			
4.00	2.20	175	105			
5.00	2.75	112	67			

H[m]	D[m]	Max lux	Med lux	Beta=15.3°+15.0°	G=0.0	
1.00	0.54	2801	1685			
2.00	1.08	700	421			
3.00	1.62	311	187			
4.00	2.17	175	105			
5.00	2.71	112	67			

Luminaire		Measurem.		Lamp	
Code	1550	Code	1550	Code	3 LED 5.6W 500mA
Name	Hanging lamp 4.0 2700K 1-10V	Name	Hanging lamp 4.0 2700K 1-10V	Number	1
Line	VIBIA-Flamingo	Date	08-02-2016	Position	Universal
Luminaire Flux	1652.28 lm	Luminaire Power	17.00 W	Efficacy	97.19 lm/W
Lamps Flux	2083.26 lm	Maximum value	1344.47 cd/klm	Position	C=0.00 G=0.00
				CG	Asymmetrical

Isolux (Floor)

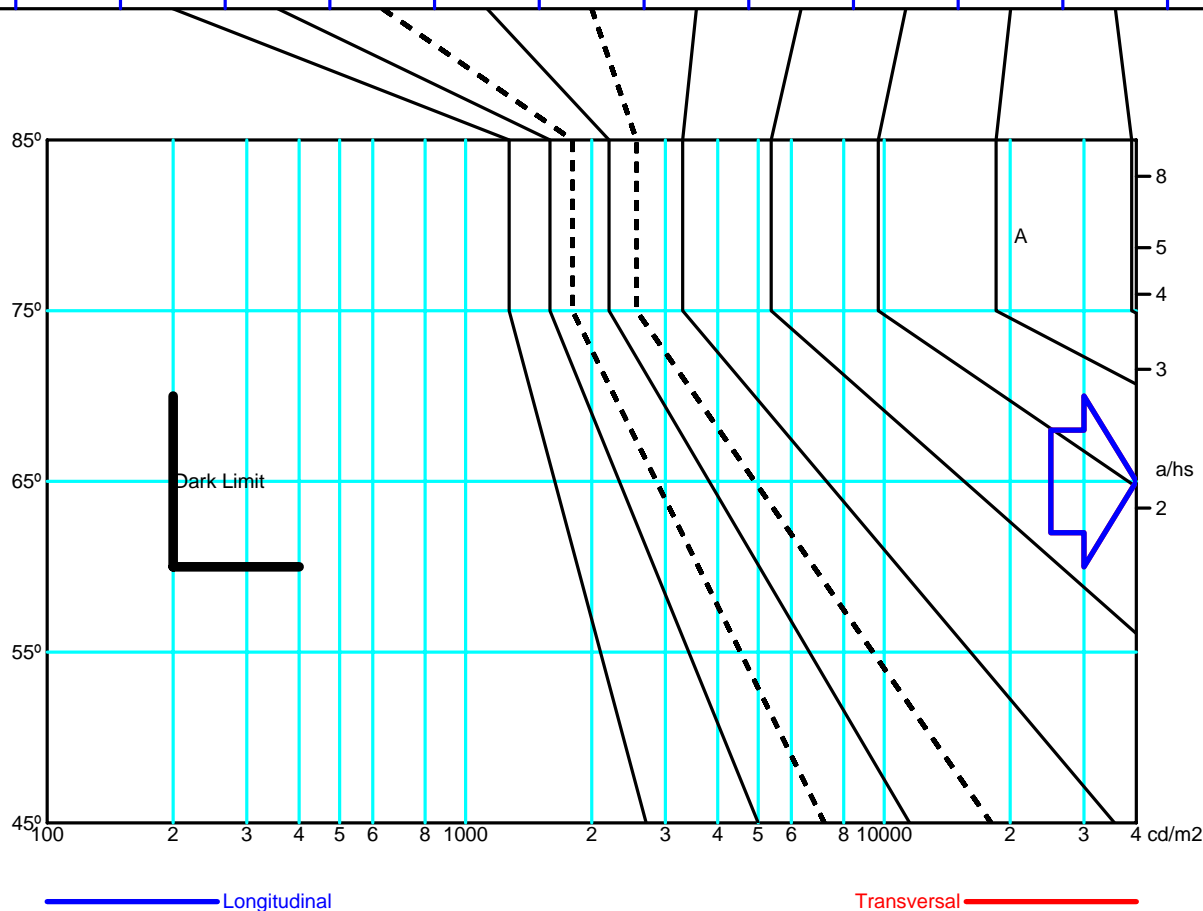
Luminaire position X=0.00m Y=0.00m Z=2.50m



Luminaire			Measur.			Lamp	
Code	1550		Code	1550		Code	3 LED 5.6W 500mA
Name	Hanging lamp 4.0 2700K 1-10V		Name	Hanging lamp 4.0 2700K 1-10V		Number	1
Line	VIBIA-Flamingo		Date	08-02-2016		Position	Universal
Luminaire Flux	1652.28 lm	Luminaire Power	17.00 W	Efficacy	97.19 lm/W	Efficiency	79.31%
Lamps Flux	2083.26 lm	Maximum value	1344.47 cd/klm	Position	C=0.00 G=0.00	CG	Asymmetrical

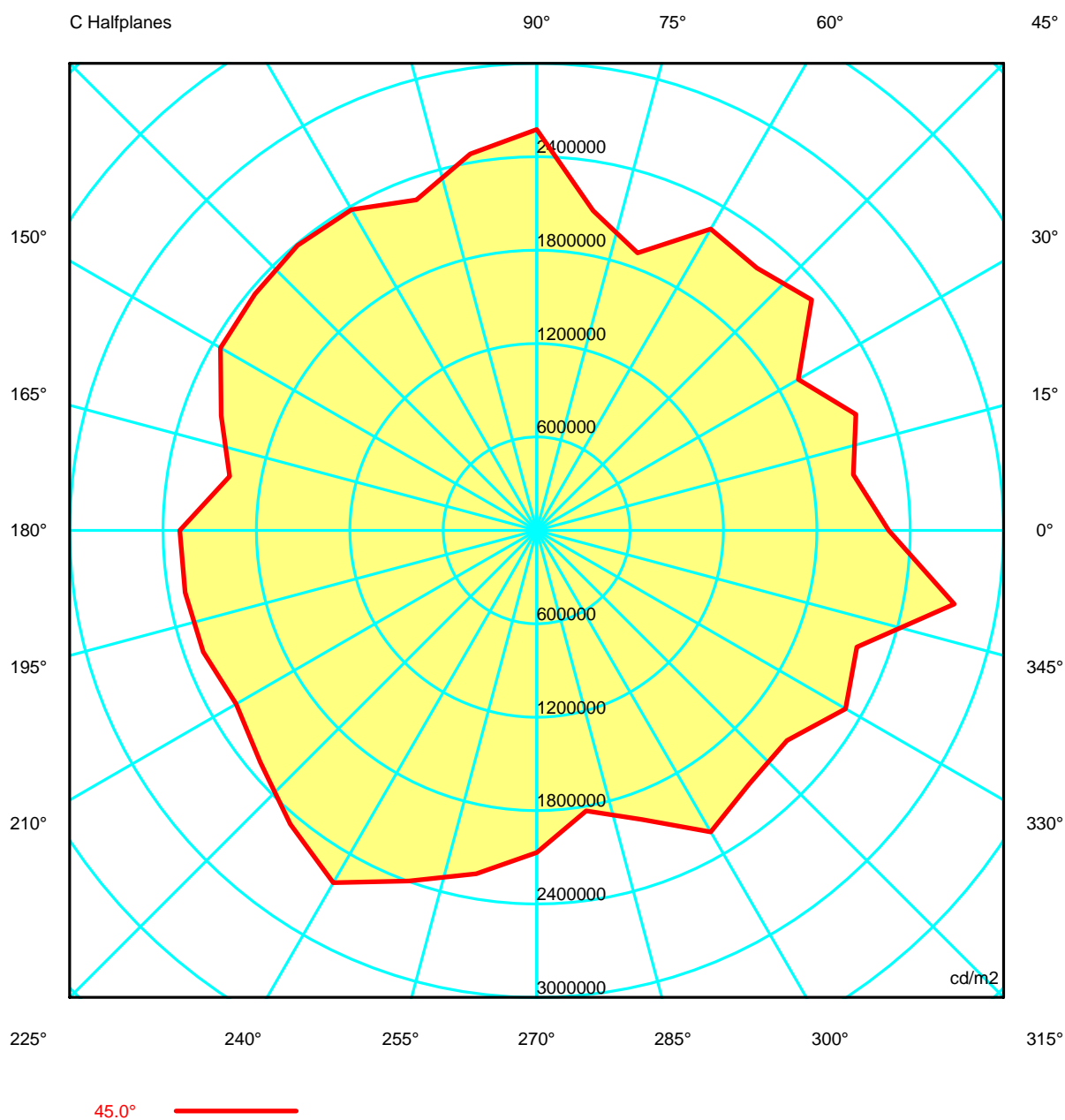
Average Luminance [cd/m²]										
0.0°	45°	50°	55°	60°	65°	70°	75°	80°	85°	
2261625	1623182	1181896	859461	628758	471903	368168	270749	135037	---	
2575403	1623182	1022041	644596	377440	235952	251196	270749	164562	---	

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	1550		Code	1550		Code	3 LED 5.6W 500mA
Name	Hanging lamp 4.0 2700K 1-10V		Name	Hanging lamp 4.0 2700K 1-10V		Number	1
Line	VIBIA-Flamingo		Date	08-02-2016		Position	Universal
Luminaire Flux	1652.28 lm	Luminaire Power	17.00 W	Efficacy	97.19 lm/W	Efficiency	79.31%
Lamps Flux	2083.26 lm	Maximum value	1344.47 cd/klm	Position	C=0.00 G=0.00	CG	Asymmetrical

Luminance



Luminaire		Measurem.		Lamp									
Code	1550	Code	1550	Code	3 LED 5.6W 500mA								
Name	Hanging lamp 4.0 2700K 1-10V	Name	Hanging lamp 4.0 2700K 1-10V	Number	1								
Line	VIBIA-Flamingo	Date	08-02-2016	Position	Universal								
Luminaire Flux	1652.28 lm	Luminaire Power	17.00 W	Efficacy	97.19 lm/W	Efficiency	79.31%						
Lamps Flux	2083.26 lm	Maximum value	1344.47 cd/klm	Position	C=0.00 G=0.00	CG	Asymmetrical						
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	0.040044305.29	0.040044305.29	0.040044305.29	0.040044305.29	0.040044305.29	0.040044305.29	0.040044305.29	0.040044305.29	0.040044305.29	0.040044305.29	0.040044305.29	0.040044305.29	
G 5.0	17316651.24	17310213.17	1717175757.83	16736333.62	16266364.26	15855163.70	15609079.51	15401775.74	1515377176.24	15455420.53	15620642.15	1515710204.74	1515736581.54
G 10.0	92590555.86	92369046.23	92147536.61	91704517.36	91261503.81	910818484.56	9090375465.31	89932457.46	8689710953.54	85489710953.54	8489932457.46	84690153967.08	8375465.31
G 15.0	63200382.38	62526075.78	62283061.01	6162398218.90	6062623863.24	602634923.75	5962059613.73	58761351255.07	5760726821.87	5640458786.65	5560590708.30	5460983582.86	531603121.74
G 20.0	36546771.28	35720859.32	35514379.33	336133813.97	336959731.25	337372688.56	336753251.27	32735927339.30	3035101422.02	3034688462.05	3034688462.05	3035101422.02	3035927339.30
G 25.0	19449106.78	19135278.63	19012779.79	19563013.41	20326410.69	20641290.09	2020084178.81	19417647.40	18905159.23	18718225.95	18629678.08	18777938.88	19332673.81
G 30.0	10150135.70	10349158.35	10349158.35	10548180.35	10946225.64	10946225.64	10548180.35	10150135.70	10150135.70	10150135.70	10150135.70	9951114.34	10150135.70
G 35.0	5484601.30	5585273.79	5722306.27	5659749.51	5845941.72	5665057.78	5489858.74	5273667.83	5611832.64	6098593.55	5729805.85	5328019.61	5471454.89
G 40.0	3364106.16	3166217.21	3364106.16	3166217.21	3364106.16	3166217.21	3166217.21	2968329.21	3364106.16	3957772.07	3561994.80	3166217.21	3364106.16
G 45.0	2261625.17	2065499.92	2182095.85	1940691.59	2305351.78	2200619.55	2236338.69	1897075.28	2085928.44	2575402.91	2455674.45	2260064.29	2379917.29
G 50.0	1623182.04	1623182.04	1623182.04	1420284.39	1826080.02	1826080.02	1826080.02	1420284.39	1420284.39	1623182.04	1826080.02	1826080.02	1826080.02
G 55.0	1181896.20	1347428.44	1315257.32	1217369.55	1321404.22	1350261.02	1333705.79	1129413.88	1208390.14	1022041.25	1310998.48	1327084.01	1300597.47
G 60.0	859460.96	1074326.35	1074326.35	1074326.35	859460.96	859460.96	859460.96	1074326.35	644595.74	859460.96	859460.96	859460.96	859460.96
G 65.0	628758.02	751541.64	787341.01	808103.16	622484.20	587653.93	618920.17	536018.22	683774.74	377439.68	498594.96	620830.83	628470.17
G 70.0	471903.21	471903.21	471903.21	471903.21	471903.21	471903.21	471903.21	235951.60	235951.60	235951.60	235951.60	471903.21	471903.21
G 75.0	368168.47	339750.34	186678.21	180436.11	227754.96	380485.41	228875.42	62475.59	125597.92	251195.85	73713.92	228307.32	226049.08
G 80.0	270748.81	270748.81	0.00	0.00	0.00	270748.81	0.00	0.00	0.00	270748.81	0.00	0.00	0.00
G 85.0	135037.45	143779.60	0.00	0.00	0.00	131283.22	0.00	0.00	0.00	164562.23	0.00	0.00	0.00
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		Measurem.		Lamp								
Code	1550	Code	1550	Code	3 LED 5.6W 500mA							
Name	Hanging lamp 4.0 2700K 1-10V	Name	Hanging lamp 4.0 2700K 1-10V	Number	1							
Line	VIBIA-Flamingo	Date	08-02-2016	Position	Universal							
Luminaire Flux	1652.28 lm	Luminaire Power	17.00 W	Efficacy	97.19 lm/W	Efficiency	79.31%					
Lamps Flux	2083.26 lm	Maximum value	1344.47 cd/klm	Position	C=0.00 G=0.00	CG	Asymmetrical					
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	0.040044305.29	0.040044305.29	0.040044305.29	0.040044305.29	0.040044305.29	0.040044305.29	0.040044305.29	0.040044305.29	0.040044305.29	0.040044305.29	0.040044305.29	0.040044305.29
G 5.0	15962486.45	16172716.83	16424065.87	16556256.65	16606598.45	16750434.15	16753855.77	16844416.82	16893846.30	16957615.47	16917472.70	17010810.70
G 10.0	90818484.56	91040005.59	91261503.81	91261503.81	91261503.81	91483019.14	91704517.36	91926038.39	92147536.61	92147536.61	92147536.61	92147536.61
G 15.0	62233829.72	6226215618.98	62057848.95	61615098.82	61450279.64	61640942.68	61631549.22	62021652.22	6262551349.29	6363147838.92	626842352.40	6262373025.17
G 20.0	36546771.28	3636340296.61	35927339.30	35307902.00	35101422.02	35101422.02	35101422.02	35101422.02	35101422.02	35101422.02	35101422.02	35101422.02
G 25.0	19646666.35	195333349.80	19358407.16	1919232144.06	1919258397.99	18940379.84	18973042.17	19156151.06	19400750.48	19832887.26	2619929230.55	19331135.49
G 30.0	10150135.70	10150135.70	10349158.35	10747203.64	10946225.64	10548180.35	10548180.35	10548180.35	10349158.35	10548180.35	10548180.35	10548180.35
G 35.0	5410619.29	5302968.40	5615677.00	5952915.73	5978413.72	5984281.96	5840367.89	5947180.12	5634118.77	5809361.22	5898085.66	5710710.49
G 40.0	3364106.16	3166217.21	3364106.16	3364106.16	3166217.21	3561994.80	3364106.16	3561994.80	3364106.16	3561994.80	3759883.11	3759883.11
G 45.0	2390050.39	2362964.51	2345892.95	2156685.14	2002807.25	2293485.39	2293489.38	2279918.19	2229557.48	2317204.12	2462451.41	2612810.09
G 50.0	1826080.02	2028977.84	1826080.02	1623182.04	1623182.04	1623182.04	1826080.02	1623182.04	1623182.04	1623182.04	1623182.04	1826080.02
G 55.0	1322355.92	1574416.58	1316679.30	1204597.19	1247168.90	1173378.13	1324713.66	1294916.87	1184256.32	1284500.46	1157762.06	1274106.83
G 60.0	859460.96	1074326.35	859460.96	859460.96	859460.96	859460.96	859460.96	1074326.35	859460.96	1074326.35	859460.96	859460.96
G 65.0	495296.37	727516.54	597342.03	648703.57	609922.35	657718.72	621534.72	793217.55	654581.98	796263.15	535360.95	509234.79
G 70.0	235951.60	471903.21	471903.21	471903.21	471903.21	471903.21	471903.21	471903.21	471903.21	471903.21	235951.60	235951.60
G 75.0	74784.68	204651.02	377611.73	219897.68	373776.17	217187.32	228014.54	184899.70	218111.28	183826.55	62573.39	70571.19
G 80.0	0.00	0.00	270748.81	0.00	270748.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 85.0	0.00	0.00	132029.57	0.00	133488.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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

Luminaire		Measurem.		Lamp	
Code	1550	Code	1550	Code	3 LED 5.6W 500mA
Name	Hanging lamp 4.0 2700K 1-10V	Name	Hanging lamp 4.0 2700K 1-10V	Number	1
Line	VIBIA-Flamingo	Date	08-02-2016	Position	Universal

Luminaire Flux	1652.28 lm	Luminaire Power	17.00 W	Efficacy	97.19 lm/W	Efficiency	79.31%
Lamps Flux	2083.26 lm	Maximum value	1344.47 cd/klm	Position	C=0.00 G=0.00	CG	Asymmetrical

Luminance cd/m2				Table 3/3						
	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	0.00044305.29	0.00044305.29	0.00044305.29	0.00044305.29	0.00044305.29	0.00044305.29	0.00044305.29	0.00044305.29	0.00044305.29	0.00044305.29
G 5.0	17061580.81	17084421.79	16917017.83	16734900.14	166620166.98	16614369.74	16687750.07	16837664.87	17192919.39	17244139.68
G 10.0	1926038.399	1926038.399	1704517.369	1483019.149	1483019.149	1704517.369	1926038.399	147536.619	2590555.869	2590555.86
G 15.0	1957791.456	1895085.616	1769109.956	1683588.566	2078411.876	2812892.886	3276837.486	34777380.936	3646524.706	3452679.42
G 20.0	35101422.023	5101422.023	5101422.023	5101422.023	5720859.323	6753251.273	73727372688.563	7579168.553	7372688.563	6959731.25
G 25.0	18553758.601	8822272.92	8864876.34	8741616.62	9085005.55	9812140.05	20361093.69	20681728.30	20261852.71	19741241.65
G 30.0	9951114.34	10349158.35	10349158.35	10150135.70	10150135.70	10349158.35	10747203.64	1145247.65	10747203.64	10349158.35
G 35.0	5523866.70	5642493.05	5543180.19	5536958.90	5555318.03	5435764.95	5746320.79	6058903.56	5890587.50	5885469.27
G 40.0	3364106.16	3166217.21	2968329.21	3166217.21	3364106.16	3166217.21	3364106.16	3561994.80	3561994.80	3957772.07
G 45.0	2239657.45	2068995.08	1829153.62	1976123.99	2236172.60	2124921.33	2099533.13	2291660.06	2188871.45	2724190.87
G 50.0	1623182.04	1623182.04	1420284.39	1420284.39	1623182.04	1623182.04	1420284.39	1623182.04	1420284.39	1826080.02
G 55.0	1206144.28	1246699.37	1154969.06	1120902.74	1213577.08	1231085.55	1062244.44	1180474.05	1162027.08	1249979.00
G 60.0	859460.96	859460.96	859460.96	859460.96	859460.96	859460.96	859460.96	859460.96	1074326.35	859460.96
G 65.0	520887.13	509640.03	502105.76	511977.75	492759.35	514164.86	682311.46	629180.23	824082.99	516217.21
G 70.0	235951.60	235951.60	235951.60	235951.60	235951.60	235951.60	471903.21	471903.21	471903.21	235951.60
G 75.0	69027.02	70467.04	251195.85	251195.85	251195.85	69039.63	209770.32	367993.28	175637.94	68409.18
G 80.0	0.00	0.00	270748.81	270748.81	270748.81	0.00	0.00	270748.81	0.00	0.00
G 85.0	0.00	0.00	172940.70	174571.43	173480.53	0.00	0.00	135305.46	0.00	0.00
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00