

Luminaire		Measurem.		Lamp	
Code	1560	Code	1560	Code	3 LED 5.6W 500mA
Name	Hanging lamp 4.1 2700K 1-10V	Name	Hanging lamp 4.1 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	900 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

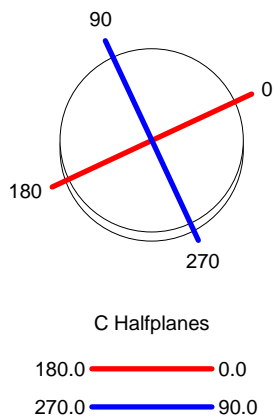
Operator	Asselum	Source voltage	230.00 V
Temperature	25.00 °C	Source current	
Humidity	50.00 %	Photocell	
Notes			

Luminaire Lamps	
Line	Name
- VIBIA	Lámpara 3 leds 5.6W 2700K

Flux [lm]	Pow. [W]	Q.ty
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

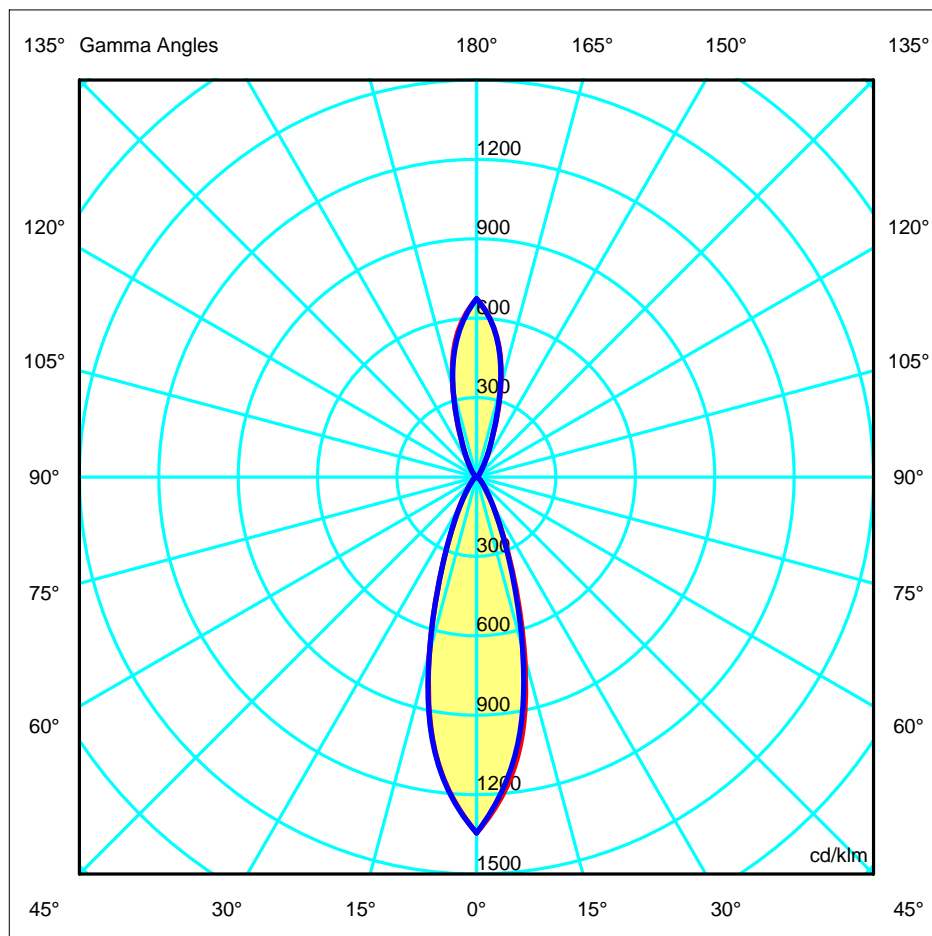
Diam=900mm



ULOR 26.32 %

DLOR 52.99 %

RN 33.19 %



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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	
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		
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		
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		
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		
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		
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		
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		
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		
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		
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	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		
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		
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		
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		
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		
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		
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		

Luminaire				Measurem.				Lamp							
Code	1560			Code	1560			Code	3 LED 5.6W 500mA						
Name	Hanging lamp 4.1 2700K 1-10V			Name	Hanging lamp 4.1 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	
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Name	Hanging lamp 4.1 2700K 1-10V		Name	Hanging lamp 4.1 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

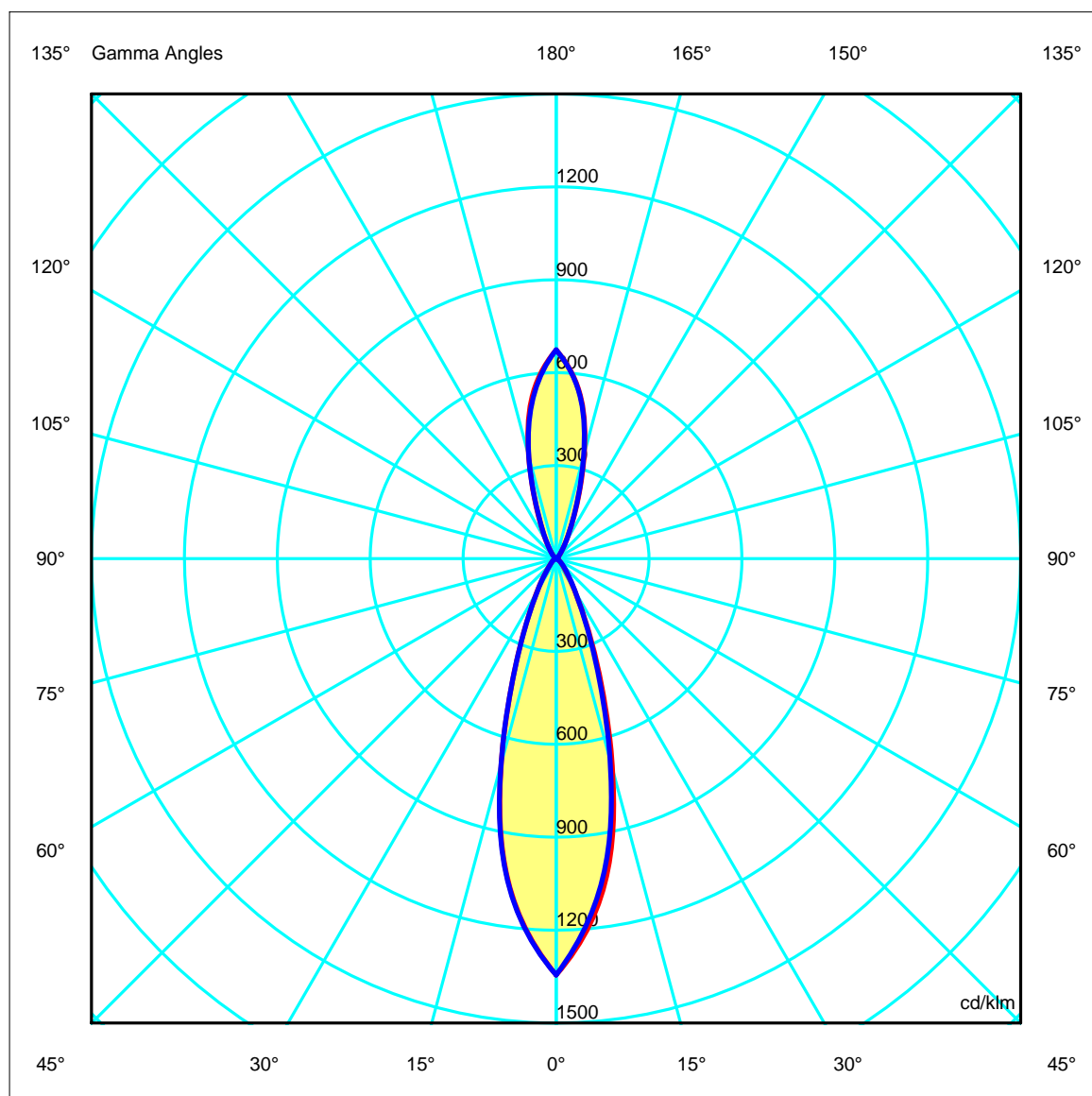
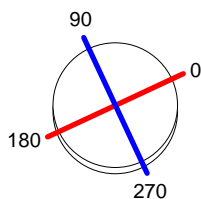
Luminaire			Measurem.			Lamp	
Code	1560		Code	1560		Code	3 LED 5.6W 500mA
Name	Hanging lamp 4.1 2700K 1-10V		Name	Hanging lamp 4.1 2700K 1-10V		Number	1
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Diam=900mm

C Halfplanes

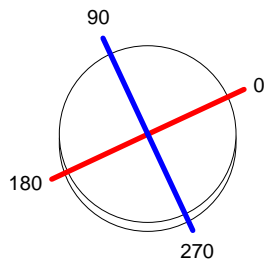
180.0 ————— 0.0

270.0 ————— 90.0



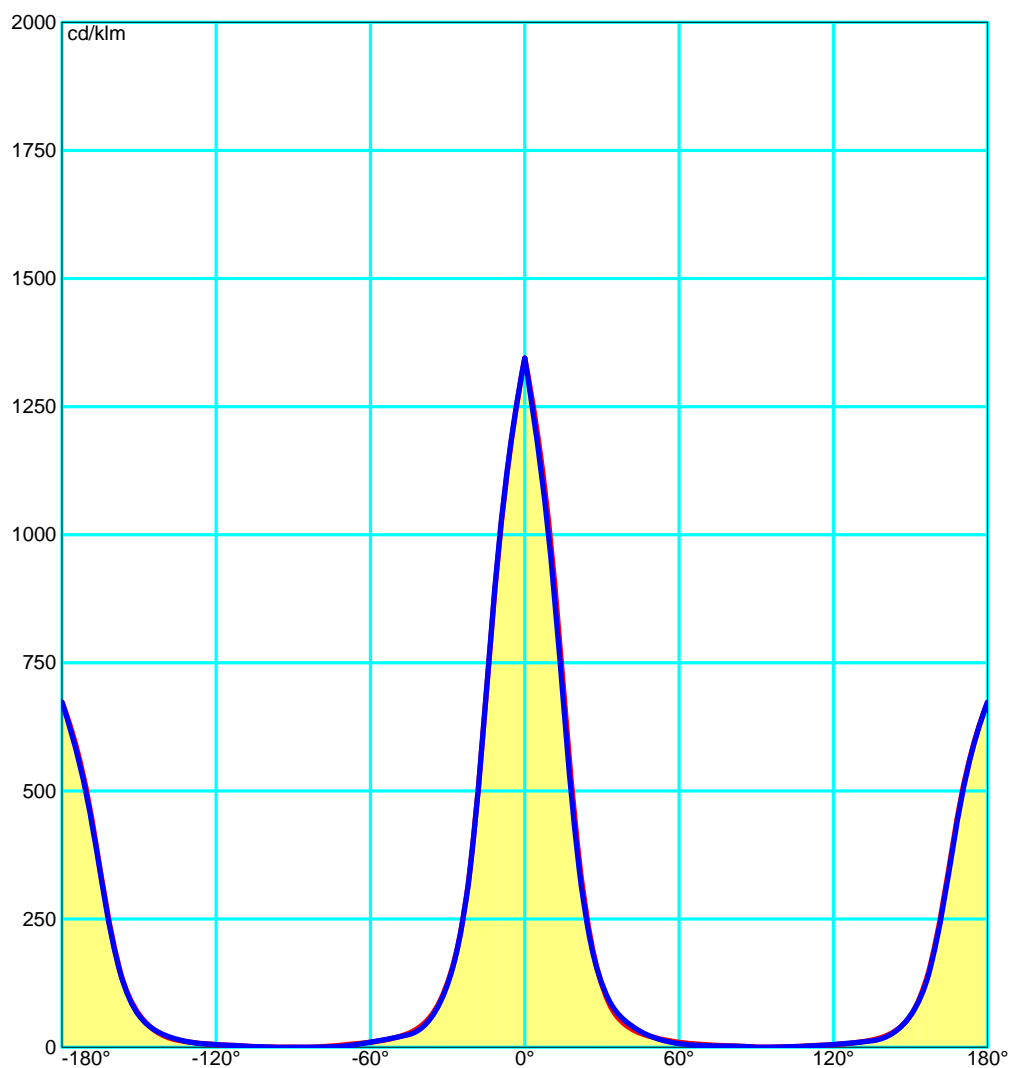
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Line	VIBIA-Flamingo	Date	08-02-2016	Position	Universal		
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Diam=900mm



C Halfplanes

180.0 ————— 0.0
 270.0 ————— 90.0



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Total Flux=2083.26 Luminaire Flux=1652.28

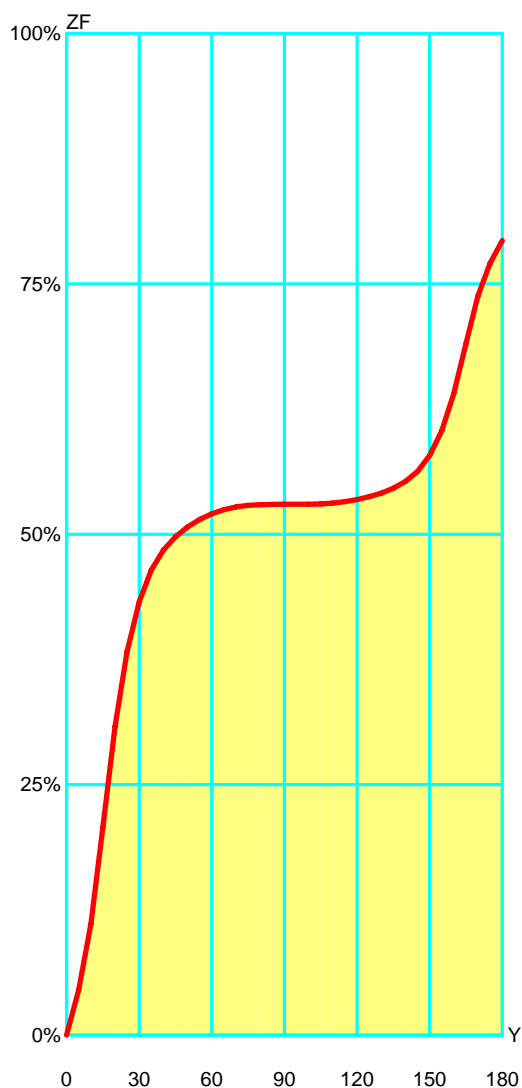
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.68	0.73	0.78	0.82	0.85	0.90	0.93	0.95	0.97	0.98	1.01	1.01
RC	-	-	-	-	-	-	-	-	-	-	-	-

		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 %

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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	1560			Code	1560			Code	3 LED 5.6W 500mA		
Name	Hanging lamp 4.1 2700K 1-10V			Name	Hanging lamp 4.1 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	

Utilizations CIE

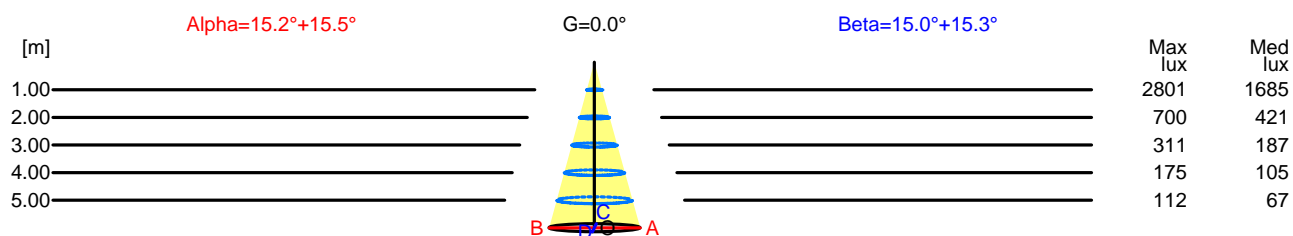
Mounting	Direct				Normalization				Normalised				Suspension Ratio/3				Standard CIE Settings								
Ceiling																									
K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000		
0.60	322	289	279	252	275	241	240	204	216	184	199	150	187	127	172	161	142	152	121	135	128	111	99		
0.80	361	331	301	277	315	265	277	242	240	211	222	176	208	152	197	184	167	175	145	158	151	133	117		
1.00	388	361	312	292	343	280	305	272	255	229	237	196	224	171	215	202	185	192	164	176	169	150	132		
1.25	412	388	321	304	370	292	333	302	270	247	252	215	238	191	232	219	204	209	183	194	186	168	146		
1.50	431	409	326	312	390	300	354	326	280	259	263	229	250	206	244	232	218	223	198	208	201	183	158		
2.00	455	437	330	319	417	309	386	361	292	275	278	250	267	229	261	251	239	242	221	229	222	205	175		
2.50	471	456	332	323	435	314	408	386	300	286	288	264	278	246	272	264	253	256	237	243	237	221	188		
3.00	482	469	333	326	448	316	424	405	305	293	295	274	286	258	280	273	263	266	249	253	249	233	197		
4.00	498	488	335	329	467	321	447	431	313	303	305	288	298	275	291	285	278	280	266	268	265	251	211		
5.00	508	500	336	332	478	324	462	448	317	310	311	297	305	286	298	294	287	289	277	278	275	262	219		
10.00	529	525	338	336	504	330	495	488	327	323	324	317	322	311	313	312	308	310	303	300	299	288	239		
20.00	541	539	339	338	517	333	514	510	332	330	332	328	331	325	322	321	320	321	317	312	312	303	251		
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	238	220	184	171	211	163	166	150	132	118	110	92	95	74	111	94	87	82	71	83	73	66	52		
0.80	272	254	203	190	241	180	196	178	151	136	129	108	113	90	126	109	101	96	84	95	84	75	58		
1.00	292	275	210	198	258	187	215	196	160	145	139	118	124	99	132	117	108	104	92	100	90	79	59		
1.25	312	295	217	206	275	193	235	216	169	155	150	129	135	110	139	125	116	113	100	105	96	83	60		
1.50	326	310	221	211	288	197	250	231	175	162	157	137	143	118	143	130	122	119	106	109	100	85	60		
2.00	338	324	217	209	298	193	265	247	176	165	161	142	149	125	142	131	124	122	109	107	100	82	54		
2.50	342	330	210	203	301	187	273	256	173	163	160	143	150	127	138	129	122	121	109	103	97	76	46		
3.00	342	332	202	196	300	179	275	260	167	158	157	141	147	127	132	124	118	118	106	97	92	69	37		
4.00	346	337	195	190	303	173	283	270	164	156	155	142	148	130	127	121	116	116	106	92	88	63	29		
5.00	346	339	188	184	303	166	286	275	159	153	152	141	146	130	122	117	113	113	104	86	83	57	21		
10.00	327	322	153	151	282	132	273	266	129	125	126	119	123	113	91	89	86	87	81	55	54	23	0		
20.00	274	272	92	91	229	72	225	221	71	69	70	66	69	63	32	32	30	31	28	0	0	0	0		
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	548	529	511	496	517	486	463	446	445	431	418	399	398	378	421	399	393	383	374	387	373	366	358		
0.80	610	589	561	546	572	532	516	496	492	476	464	440	443	417	461	439	430	422	409	420	407	395	385		
1.00	661	640	602	587	618	570	564	542	534	516	506	480	485	455	496	475	465	459	443	452	439	423	413		
1.25	707	686	637	623	659	603	608	584	569	552	543	516	523	490	526	507	496	491	474	479	466	447	434		
1.50	742	722	662	649	690	627	642	618	596	579	572	544	552	518	549	531	520	516	498	499	487	464	450		
2.00	793	775	699	687	737	662	696	673	638	621	617	590	599	565	585	570	559	557	539	531	522	492	476		
2.50	827	811	722	712	769	685	732	711	665	650	647	622	632	599	608	596	586	585	568	553	545	511	493		
3.00	852	837	738	729	791	701	759	739	684	671	669	646	656	625	625	615	606	606	589	568	562	524	505		
4.00	881	869	756	749	818	719	792	775	706	695	694	674	683	656	644	636	628	629	614	585	580	537	516		
5.00	899	889	767	761	835	729	814	798	719	710	709	692	701	677	655	649	642	643	630	595	591	544	522		
10.00	939	933	788	785	871	751	861	851	747	742	743	733	739	724	680	677	673	675	666	616	615	560	533		
20.00	959	956	799	797	890	762	886	881	761	758	760	754	759	750	692	691	689	691	686	627	627	566	538		

Luminaire			Measur.			Lamp	
Code	1560		Code	1560		Code	3 LED 5.6W 500mA
Name	Hanging lamp 4.1 2700K 1-10V		Name	Hanging lamp 4.1 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



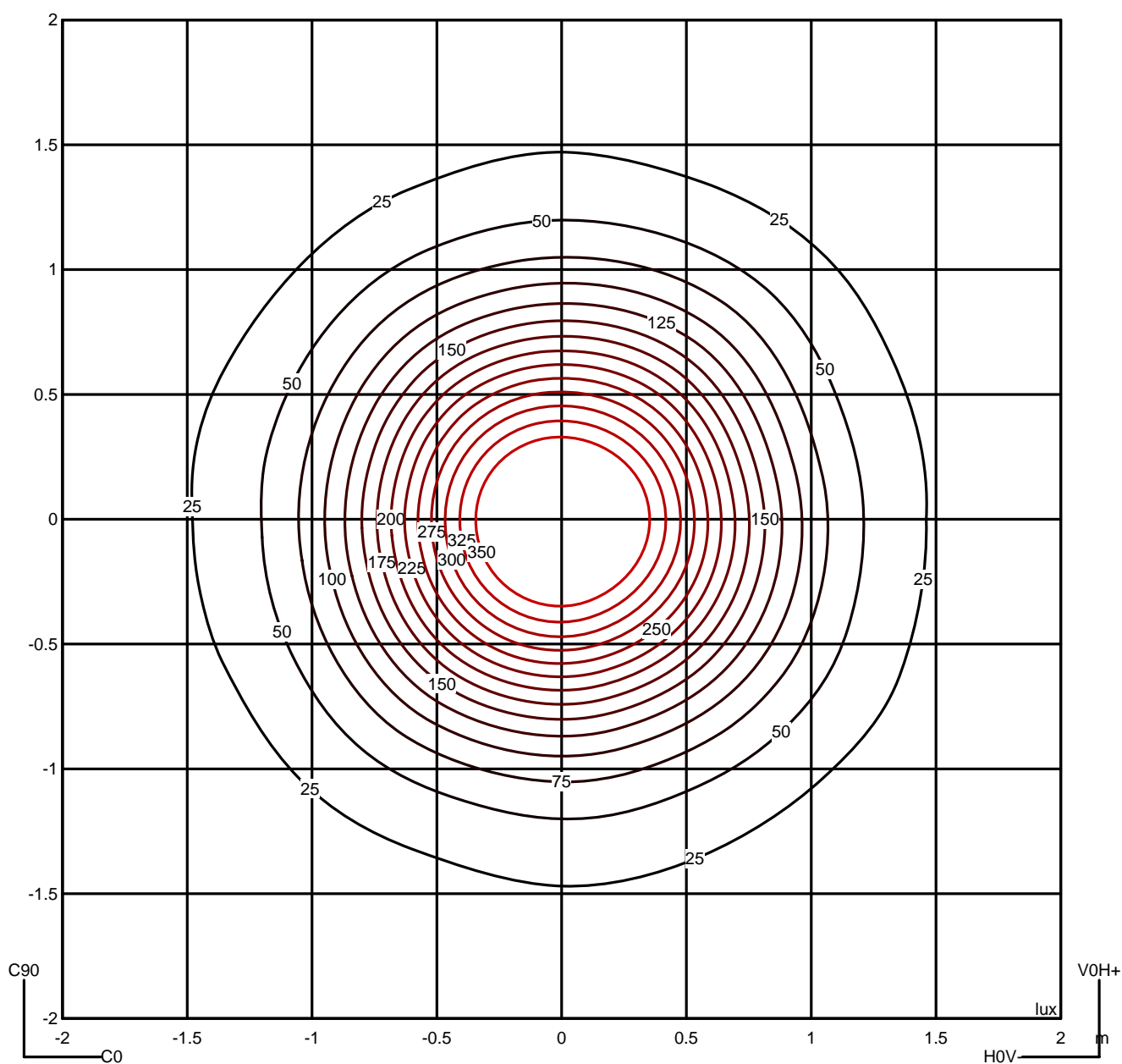
H[m]	D[m]	Max lux	Med lux	Alpha=15.2°+15.5°	G=0.0	
1.00	0.55	2801	1685			
2.00	1.10	700	421			
3.00	1.65	311	187			
4.00	2.20	175	105			
5.00	2.75	112	67			

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	1560	Code	1560	Code	3 LED 5.6W 500mA		
Name	Hanging lamp 4.1 2700K 1-10V	Name	Hanging lamp 4.1 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

Isolux (Floor)

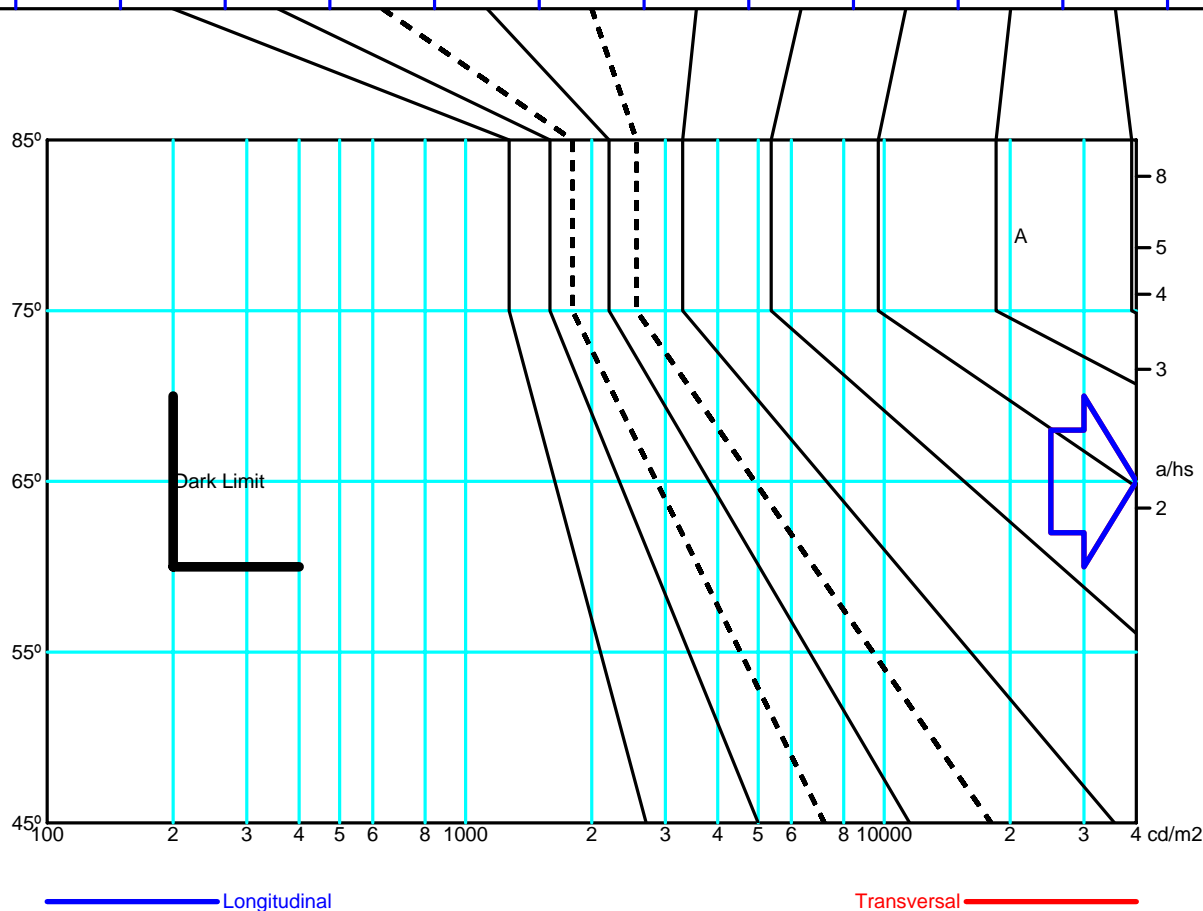
Luminaire position X=0.00m Y=0.00m Z=2.50m



Luminaire			Measur.			Lamp	
Code	1560		Code	1560		Code	3 LED 5.6W 500mA
Name	Hanging lamp 4.1 2700K 1-10V		Name	Hanging lamp 4.1 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

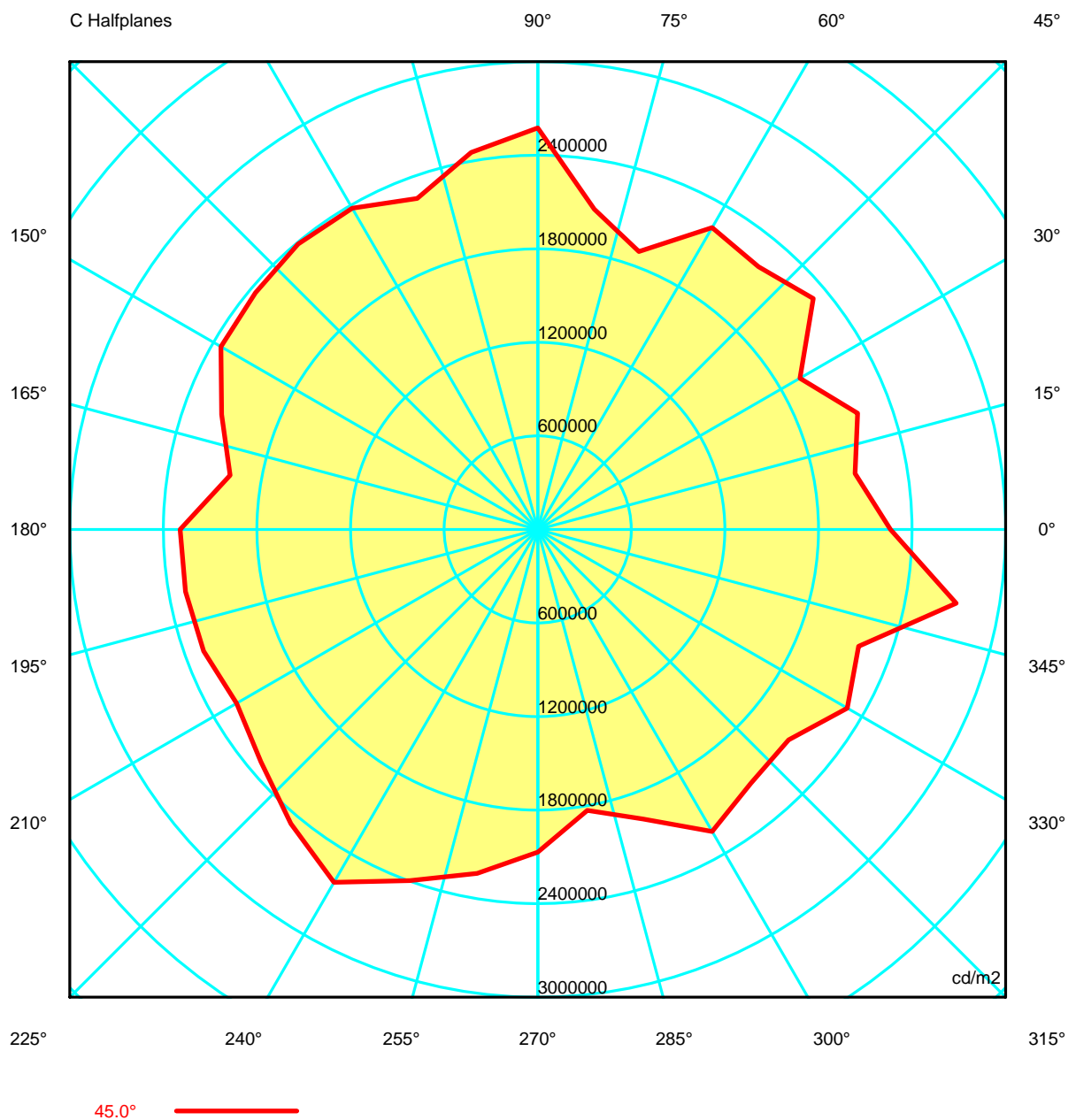
Average Luminance [cd/m²]										
0.0°	45°	50°	55°	60°	65°	70°	75°	80°	85°	
2261625	1623182	1181896	859461	628758	471903	368168	270749	135037	---	
2575403	1623182	1022041	644596	377440	235952	251196	270749	164562	---	

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	1560	Code	1560	Code	3 LED 5.6W 500mA			
Name	Hanging lamp 4.1 2700K 1-10V	Name	Hanging lamp 4.1 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	1560	Code	1560	Code	3 LED 5.6W 500mA								
Name	Hanging lamp 4.1 2700K 1-10V	Name	Hanging lamp 4.1 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	17175757.83	16736333.62	16266364.26	15855163.70	15609079.51	15401775.74	15377176.24	15455420.53	15620642.15	15710204.74	15736581.54
G 10.0	25905555.86	2369046.23	2147536.61	191704517.36	1261503.81	190818484.56	90375465.31	89932457.46	889710953.54	889710953.54	889932457.46	4690153967.08	9090375465.31
G 15.0	63200382.38	62526075.78	62283061.01	62398218.90	62623863.24	62634923.75	62059613.73	61351255.07	60726821.87	60458786.65	60590708.30	606983582.86	61603121.74
G 20.0	36546771.28	35720859.32	35514379.33	36133813.97	36959731.25	37372688.56	36753251.27	3735927339.30	3035101422.02	34688462.05	35101422.02	3535927339.30	30
G 25.0	19449106.78	19135278.63	19012779.79	19563013.41	20326410.69	20641290.09	20084178.81	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	10349158.35	10150135.70	9951114.34
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	1560	Code	1560	Code	3 LED 5.6W 500mA		
Name	Hanging lamp 4.1 2700K 1-10V	Name	Hanging lamp 4.1 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 0.040044305.29400							

Luminaire		Measurem.		Lamp	
Code	1560	Code	1560	Code	3 LED 5.6W 500mA
Name	Hanging lamp 4.1 2700K 1-10V	Name	Hanging lamp 4.1 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	
G 5.0	17061580.81	17084421.79	16917017.83	16734900.14	166620166.98	16614369.74	16687750.07	16837664.87	17192919.39	
G 10.0	91926038.399	91926038.399	91704517.369	91483019.149	91483019.149	91704517.369	91926038.399	91247536.619	92590555.869	
G 15.0	619577791.456	61895085.616	6161769109.956	61683588.566	62078411.876	62812892.886	63276837.486	634777380.936	63646524.706	
G 20.0	35101422.023	35101422.023	35101422.023	35101422.023	35720859.323	36753251.273	37372688.563	37579168.553	37372688.563	
G 25.0	18553758.601	18822272.92	18864876.34	18741616.62	19085005.55	19812140.05	20361093.69	20681728.30	20261852.71	
G 30.0	9951114.34	10349158.35	10349158.35	10150135.70	10150135.70	10349158.35	10747203.64	11145247.65	10747203.64	
G 35.0	5523866.70	5642493.05	5543180.19	5536958.90	5555318.03	5435764.95	5746320.79	6058903.56	5890587.50	
G 40.0	3364106.16	3166217.21	2968329.21	3166217.21	3364106.16	3166217.21	3364106.16	3561994.80	3561994.80	
G 45.0	2239657.45	2068995.08	1829153.62	1976123.99	2236172.60	2124921.33	2099533.13	2291660.06	2188871.45	
G 50.0	1623182.04	1623182.04	1420284.39	1420284.39	1623182.04	1623182.04	1420284.39	1623182.04	1420284.39	
G 55.0	1206144.28	1246699.37	1154969.06	1120902.74	1213577.08	1231085.55	1062244.44	1180474.05	1162027.08	
G 60.0	859460.96	859460.96	859460.96	859460.96	859460.96	859460.96	859460.96	859460.96	1074326.35	
G 65.0	520887.13	509640.03	502105.76	511977.75	492759.35	514164.86	682311.46	629180.23	824082.99	
G 70.0	235951.60	235951.60	235951.60	235951.60	235951.60	235951.60	471903.21	471903.21	471903.21	
G 75.0	69027.02	70467.04	251195.85	251195.85	251195.85	69039.63	209770.32	367993.28	175637.94	
G 80.0	0.00	0.00	270748.81	270748.81	270748.81	0.00	0.00	270748.81	0.00	
G 85.0	0.00	0.00	172940.70	174571.43	173480.53	0.00	0.00	135305.46	0.00	
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	