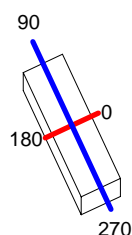


Luminaire		Measur.		Lamp		
Code	2515	Code	2515	Code	4 led 350mA 3.7W	
Name	4 cluster hanging lamp comp.1	Name	4 cluster hanging lamp comp.1	Number	1	
Line	VIBIA-Cosmos	Date	16-06-2014	Position		
Efficiency	35.21%	Coordinate system	CG	Total Flux	1704.00 lm	
Maximum value	286.20 cd/klm	Position	C=270.00 G=10.00	Asymmetrical		
Rectangular Luminaire	Length	760 mm	Width	240 mm	Height	460 mm
Rectangular Luminous Area	Length	490 mm	Width	220 mm	Height	0 mm
Horizontal Luminous Area	0.107800 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°		0.026079 m2		
Symmetry Type	Asymmetrical	Maximum Gamma Angle		180		
Measurement Distance	0.00	Measurement Flux		1704.00 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	4 led 350mA 3.7W	Lámpara 4 leds 3.7W	1704.00	15.00	1
C.I.E.	83 97 99 100 35	D DIN 5040			
F UTE	0.35 B	B NBN			
		A60			
		BZ 1			

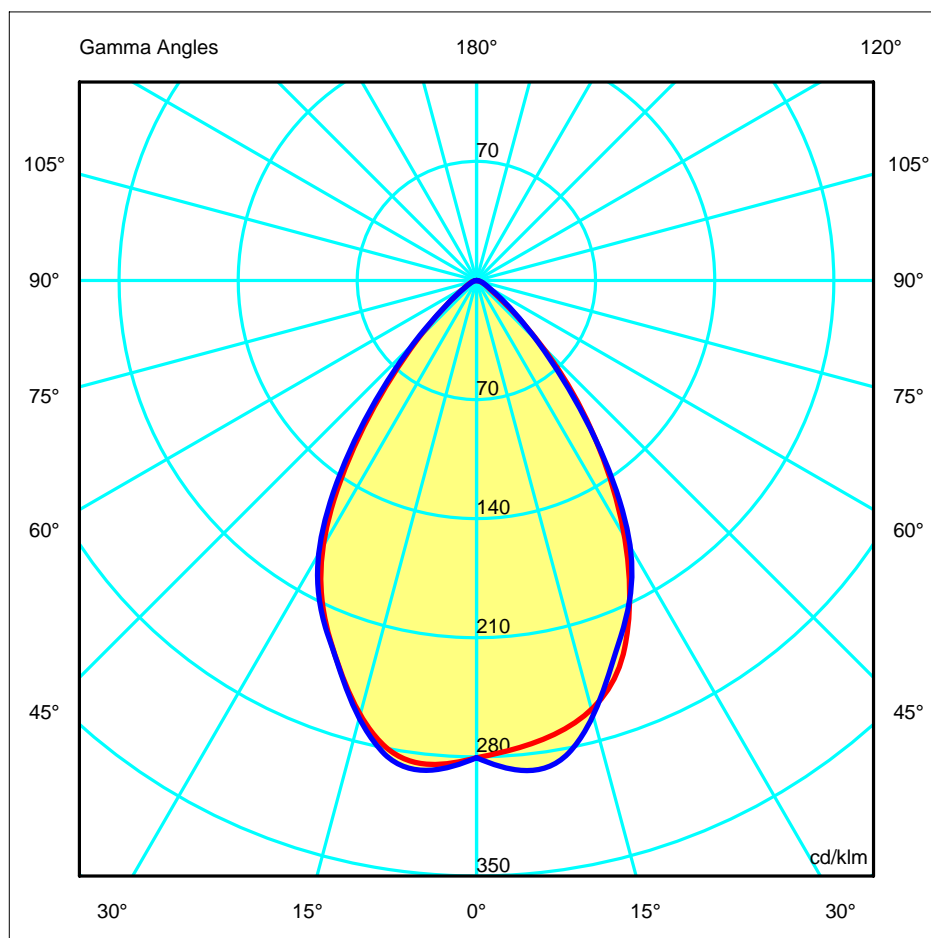
760mm x 240mm



C Halfplanes

180.0 — 0.0
 270.0 — 90.0

ULOR 0.01 %
 DLOR 35.20 %
 RN 0.04 %



Luminaire				Measurem.				Lamp					
Code	2515			Code	2515			Code	4 led 350mA 3.7W				
Name	4 cluster hanging lamp comp.1			Name	4 cluster hanging lamp comp.1			Number	1				
Line	VIBIA-Cosmos			Date	16-06-2014			Position					
Efficiency	35.21%			Coordinate system	CG			Total Flux	1704.00 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	280.42	280.42	280.42	280.42	280.42	280.42	280.42	280.42	280.42	280.42	280.42	280.42	280.42
G 10.0	270.14	267.94	271.39	274.06	277.56	281.05	281.53	284.78	285.15	285.94	282.44	281.20	283.20
G 20.0	243.30	243.33	240.83	239.18	235.45	240.90	241.84	240.30	238.48	236.15	238.37	245.17	245.45
G 30.0	173.74	176.99	181.90	181.61	184.47	192.45	191.33	183.25	181.12	180.62	179.48	178.60	182.86
G 40.0	90.99	95.67	89.49	88.94	85.71	86.91	90.67	96.05	89.06	86.90	96.87	90.55	87.55
G 50.0	25.48	26.65	29.27	26.85	24.58	30.62	27.43	25.43	25.86	28.23	26.87	25.24	28.96
G 60.0	7.66	9.35	7.98	8.24	8.64	9.33	9.23	8.77	7.58	8.76	8.35	9.79	8.09
G 70.0	3.44	3.63	2.83	3.04	1.79	3.69	3.75	3.06	3.27	4.17	3.91	3.11	2.81
G 80.0	1.45	1.37	2.11	1.86	1.47	1.70	1.27	1.14	1.77	1.50	1.38	1.18	1.63
G 90.0	0.11	0.14	0.39	0.52	0.17	0.04	0.19	0.36	0.25	0.12	0.13	0.40	0.37
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

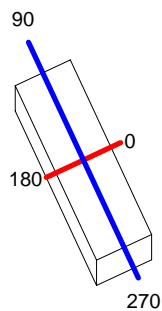
Luminaire				Measurem.				Lamp					
Code	2515			Code	2515			Code	4 led 350mA 3.7W				
Name	4 cluster hanging lamp comp.1			Name	4 cluster hanging lamp comp.1			Number	1				
Line	VIBIA-Cosmos			Date	16-06-2014			Position					
Efficiency				35.21%		Coordinate system		CG		Total Flux		1704.00 lm	
Luminous 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	280.42	280.42	280.42	280.42	280.42	280.42	280.42	280.42	280.42	280.42	280.42	280.42	280.42
G 10.0	280.33	276.74	277.89	272.12	278.57	281.86	278.51	281.34	276.95	269.69	269.02	273.75	278.89
G 20.0	241.68	240.87	240.64	238.26	237.12	238.85	235.22	238.14	240.25	237.48	242.80	238.47	234.31
G 30.0	179.74	181.02	179.96	182.62	177.96	180.14	179.52	176.31	170.20	181.09	181.15	184.36	174.91
G 40.0	85.97	84.63	91.66	88.23	87.07	86.66	87.66	86.92	83.92	83.31	83.09	89.50	89.20
G 50.0	25.87	25.28	22.56	25.54	26.06	25.03	28.36	28.71	23.04	26.79	26.02	27.30	27.25
G 60.0	8.36	9.85	8.31	8.37	7.81	7.99	6.53	7.79	9.52	8.76	8.06	8.68	7.96
G 70.0	3.02	2.81	3.10	2.40	2.02	3.65	3.86	3.06	3.68	3.05	3.07	3.78	3.02
G 80.0	1.27	1.90	1.36	1.38	1.75	1.53	1.80	1.39	1.68	1.64	0.93	1.01	1.22
G 90.0	0.51	0.32	0.22	0.46	0.21	0.08	0.22	0.31	0.19	0.10	0.20	0.22	0.37
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

Luminaire					Measurem.					Lamp			
Code	2515				Code	2515				Code	4 led 350mA 3.7W		
Name	4 cluster hanging lamp comp.1				Name	4 cluster hanging lamp comp.1				Number	1		
Line	VIBIA-Cosmos				Date	16-06-2014				Position			
Efficiency		35.21%			Coordinate system		CG			Total Flux		1704.00 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	280.42	280.42	280.42	280.42	280.42	280.42	280.42	280.42	280.42	280.42	280.42	280.42	280.42
G 10.0	281.86	278.51	281.34	276.95	269.69	269.02	273.75	278.89	281.64	286.20	283.64	280.57	284.71
G 20.0	238.85	235.22	238.14	240.25	237.48	242.80	238.47	234.31	243.98	239.20	235.20	241.11	238.68
G 30.0	180.14	179.52	176.31	170.20	181.09	181.15	184.36	174.91	186.82	185.42	189.32	188.16	182.05
G 40.0	86.66	87.66	86.92	83.92	83.31	83.09	89.50	89.20	95.13	92.31	91.34	90.31	91.15
G 50.0	25.03	28.36	28.71	23.04	26.79	26.02	27.30	27.25	26.87	25.62	25.17	25.69	28.78
G 60.0	7.99	6.53	7.79	9.52	8.76	8.06	8.68	7.96	8.74	7.23	8.54	8.78	11.35
G 70.0	3.65	3.86	3.06	3.68	3.05	3.07	3.78	3.02	3.23	3.02	3.80	3.10	3.12
G 80.0	1.53	1.80	1.39	1.68	1.64	0.93	1.01	1.22	1.72	1.39	1.01	0.71	1.12
G 90.0	0.08	0.22	0.31	0.19	0.10	0.20	0.22	0.37	0.38	0.31	0.29	0.58	0.42
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

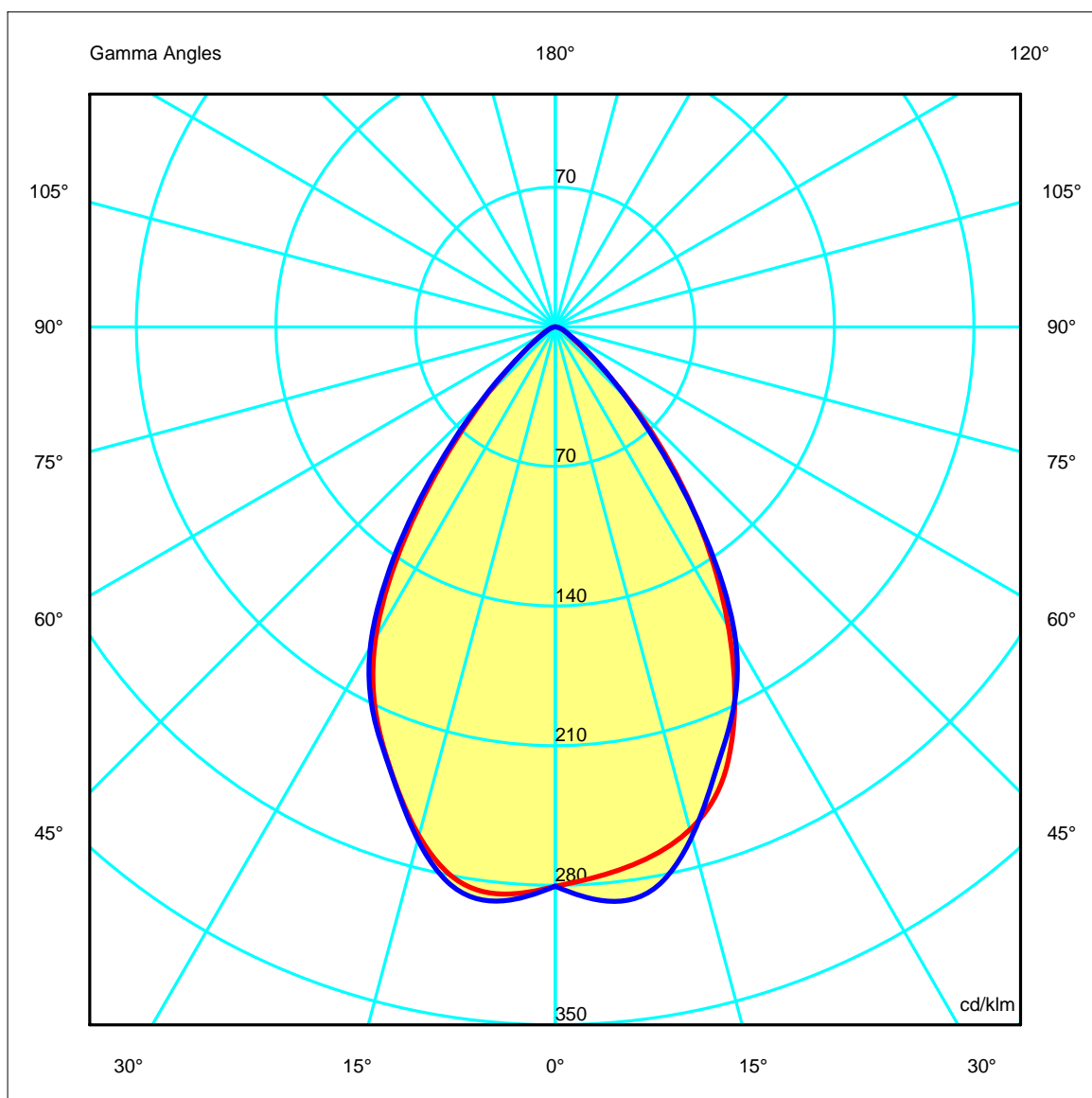
Luminaire		Measur.		Lamp	
Code	2515	Code	2515	Code	4 led 350mA 3.7W
Name	4 cluster hanging lamp comp.1	Name	4 cluster hanging lamp comp.1	Number	1
Line	VIBIA-Cosmos	Date	16-06-2014	Position	
Efficiency	35.21%	Coordinate system	CG	Total Flux	1704.00 lm

760mm x 240mm

C Halfplanes

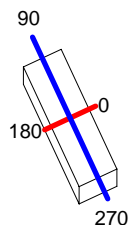


180.0 ————— 0.0
270.0 ————— 90.0



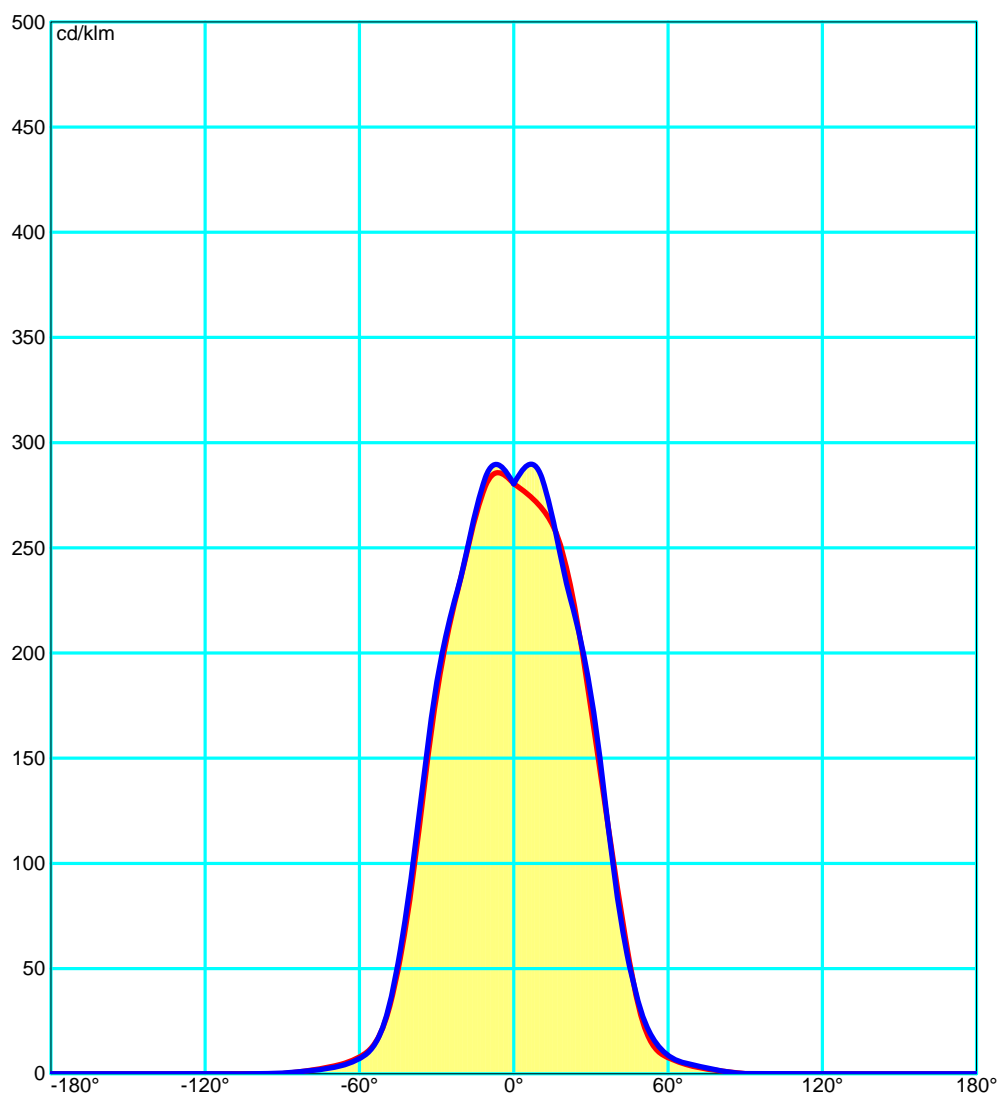
Luminaire		Measurem.		Lamp	
Code	2515	Code	2515	Code	4 led 350mA 3.7W
Name	4 cluster hanging lamp comp.1	Name	4 cluster hanging lamp comp.1	Number	1
Line	VIBIA-Cosmos	Date	16-06-2014	Position	
Efficiency	35.21%	Coordinate system	CG	Total Flux	1704.00 lm

760mm x 240mm



C Halfplanes

180.0 ——— 0.0
 270.0 ——— 90.0



Luminaire		Measurem.		Lamp	
Code	2515	Code	2515	Code	4 led 350mA 3.7W
Name	4 cluster hanging lamp comp.1	Name	4 cluster hanging lamp comp.1	Number	1
Line	VIBIA-Cosmos	Date	16-06-2014	Position	
Efficiency	35.21%	Coordinate system	CG	Total Flux	1704.00 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	8.6	9.4	8.8	9.6	10.2	8.9	9.7	9.2	9.9	10.2
x=2H y=3H	8.5	9.3	8.8	9.5	10.1	8.9	9.6	9.1	9.8	10.1
x=2H y=4H	8.5	9.2	8.8	9.5	10.1	8.8	9.5	9.1	9.8	10.1
x=2H y=6H	8.6	9.2	8.9	9.5	10.1	8.8	9.5	9.2	9.8	10.1
x=2H y=8H	8.6	9.2	8.9	9.5	10.1	8.8	9.4	9.2	9.8	10.1
x=2H y=12H	8.6	9.2	8.9	9.5	10.0	8.8	9.4	9.2	9.7	10.0
x=4H y=2H	8.5	9.2	8.8	9.5	10.0	8.8	9.5	9.1	9.8	10.0
x=4H y=3H	8.5	9.1	8.9	9.4	10.1	8.9	9.5	9.2	9.8	10.1
x=4H y=4H	8.6	9.1	8.9	9.4	10.1	8.9	9.4	9.2	9.7	10.1
x=4H y=6H	8.6	9.0	9.0	9.4	10.0	8.9	9.3	9.3	9.7	10.0
x=4H y=8H	8.6	9.0	9.0	9.4	10.0	8.9	9.3	9.3	9.6	10.0
x=4H y=12H	8.7	9.0	9.1	9.4	10.0	8.9	9.2	9.3	9.6	10.0
x=8H y=4H	8.5	8.9	8.9	9.3	10.0	8.8	9.2	9.2	9.6	10.0
x=8H y=6H	8.6	8.9	9.0	9.3	10.0	8.8	9.1	9.2	9.5	10.0
x=8H y=8H	8.6	8.9	9.1	9.4	10.0	8.8	9.1	9.3	9.6	10.0
x=8H y=12H	8.7	8.9	9.2	9.4	10.1	8.9	9.1	9.4	9.6	10.1
x=12H y=4H	8.5	8.8	8.9	9.2	9.9	8.8	9.1	9.2	9.5	9.9
x=12H y=6H	8.6	8.8	9.1	9.3	10.0	8.8	9.1	9.3	9.5	10.0
x=12H y=8H	8.7	8.9	9.2	9.3	10.0	8.8	9.0	9.3	9.5	10.0

Luminaire		Measurem.		Lamp	
Code	2515	Code	2515	Code	4 led 350mA 3.7W
Name	4 cluster hanging lamp comp.1	Name	4 cluster hanging lamp comp.1	Number	1
Line	VIBIA-Cosmos	Date	16-06-2014	Position	
Efficiency	35.21%	Coordinate system	CG	Total Flux	1704.00 lm

Total Flux=1704.00 Luminaire Flux=600.01

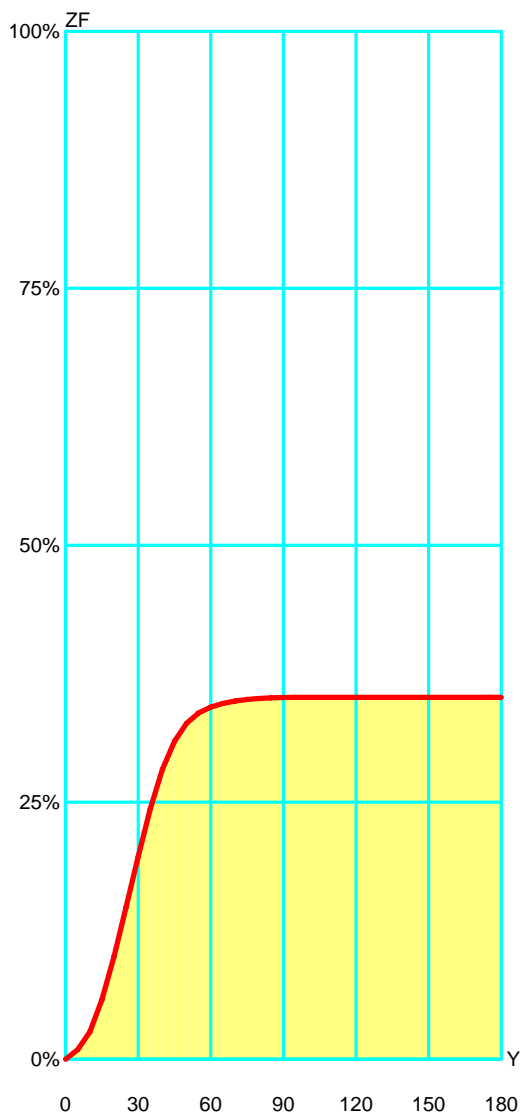
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.59	0.65	0.72	0.77	0.80	0.86	0.90	0.92	0.95	0.96	0.98	1.00
RC	-	-	-	-	-	-	-	-	-	-	-	-

		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)		27	100	197	282	327	343	349	351	352	352	352	352	352	352	352	352	352	352

CIE Flux Codes
83 97 99 100 35

C.I.E. -/-/-/-/-/-/-/-/-/-
D DIN 5040 A60
F UTE 0.35 B
B NBN BZ 1
RN 0.04114 %
BLF 1.0

LOR 35.21167 %
ULOR 0.01449 %
DLOR 35.19719 %
UFF 0.04114 %
DFF 99.95886 %
FFR 0.04116 %



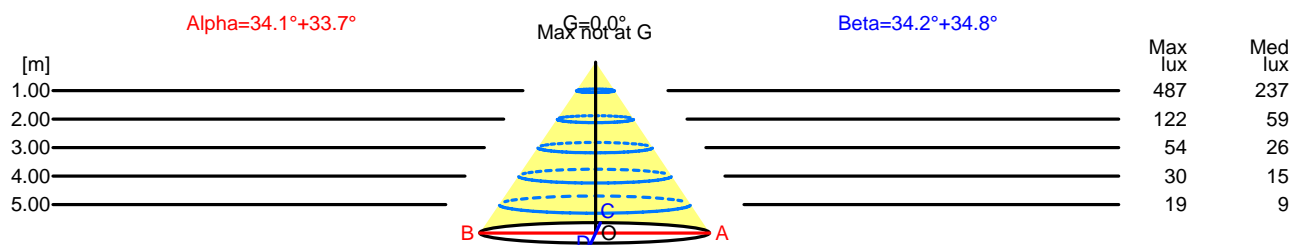
Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00 %	0.00 %
5°	9.31	9.31	2.64 %	2.64 %
10°	17.36	26.67	4.93 %	7.57 %
15°	31.25	57.91	8.87 %	16.45 %
20°	42.13	100.05	11.96 %	28.41 %
25°	47.94	147.99	13.62 %	42.03 %
30°	49.28	197.27	14.00 %	56.02 %
35°	46.23	243.50	13.13 %	69.15 %
40°	38.54	282.05	10.95 %	80.10 %
45°	27.35	309.40	7.77 %	87.87 %
50°	17.46	326.85	4.96 %	92.82 %
55°	10.13	336.99	2.88 %	95.70 %
60°	5.62	342.60	1.60 %	97.30 %
65°	3.57	346.17	1.01 %	98.31 %
70°	2.35	348.52	0.67 %	98.98 %
75°	1.53	350.06	0.44 %	99.42 %
80°	0.97	351.03	0.28 %	99.69 %
85°	0.61	351.64	0.17 %	99.86 %
90°	0.33	351.97	0.09 %	99.96 %
95°	0.13	352.10	0.04 %	99.99 %
100°	0.02	352.12	0.01 %	100.00 %
105°	0.00	352.12	0.00 %	100.00 %
110°	0.00	352.12	0.00 %	100.00 %
115°	0.00	352.12	0.00 %	100.00 %
120°	0.00	352.12	0.00 %	100.00 %
125°	0.00	352.12	0.00 %	100.00 %
130°	0.00	352.12	0.00 %	100.00 %
135°	0.00	352.12	0.00 %	100.00 %
140°	0.00	352.12	0.00 %	100.00 %
145°	0.00	352.12	0.00 %	100.00 %
150°	0.00	352.12	0.00 %	100.00 %
155°	0.00	352.12	0.00 %	100.00 %
160°	0.00	352.12	0.00 %	100.00 %
165°	0.00	352.12	0.00 %	100.00 %
170°	0.00	352.12	0.00 %	100.00 %
175°	0.00	352.12	0.00 %	100.00 %
180°	0.00	352.12	0.00 %	100.00 %


Luminaire		Measurem.		Lamp	
Code	2515	Code	2515	Code	4 led 350mA 3.7W
Name	4 cluster hanging lamp comp.1	Name	4 cluster hanging lamp comp.1	Number	1
Line	VIBIA-Cosmos	Date	16-06-2014	Position	
Efficiency	35.21%	Coordinate system	CG	Total Flux	1704.00 lm


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	0.67	1.33	2.00	2.67	3.34	OC	0.68	1.36	2.04	2.72	3.40
OB	0.68	1.36	2.03	2.71	3.39	OD	0.70	1.39	2.09	2.78	3.48

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	477.84	470.13	444.86	362.48	225.22	90.84	20.69	8.88	3.89	1.14
OB	477.84	486.45	449.89	363.05	229.03	84.06	21.94	9.13	4.21	1.14
OC	477.84	492.30	450.89	360.10	229.92	87.12	25.93	9.76	4.72	1.04
OD	477.84	492.02	453.59	366.75	240.21	89.39	20.99	7.86	3.49	1.34



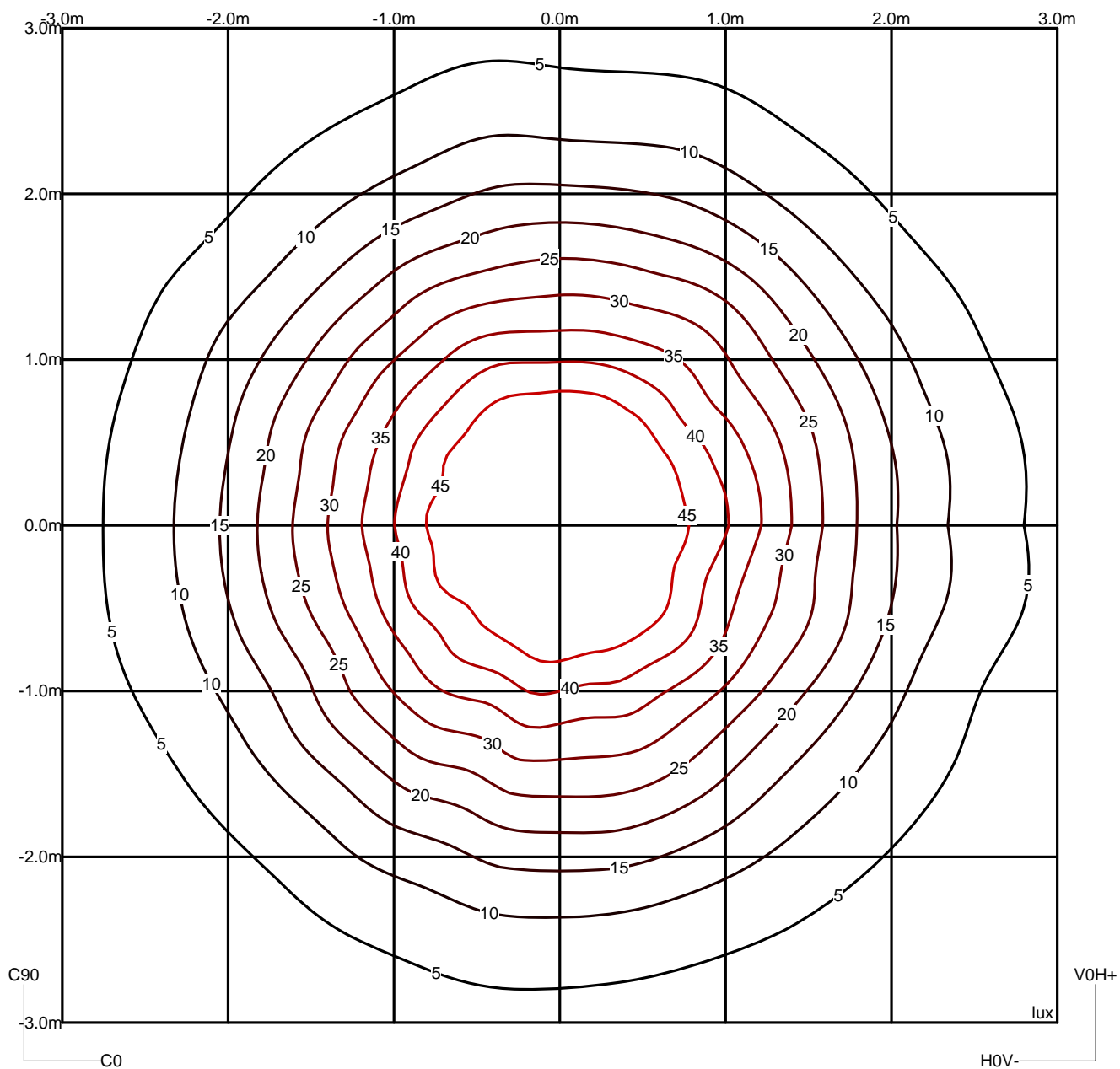
H[m]	D[m]	Max lux	Med lux	Alpha=34.1°+33.7°	G=0.0 Max not at G	
1.00	1.35	487	237			
2.00	2.69	122	59			
3.00	4.04	54	26			
4.00	5.38	30	15			
5.00	6.73	19	9			

H[m]	D[m]	Max lux	Med lux	Beta=34.8°+34.2°	G=0.0 Max not at G	
1.00	1.37	487	237			
2.00	2.75	122	59			
3.00	4.12	54	26			
4.00	5.50	30	15			
5.00	6.87	19	9			

Luminaire		Measurem.		Lamp	
Code	2515	Code	2515	Code	4 led 350mA 3.7W
Name	4 cluster hanging lamp comp.1	Name	4 cluster hanging lamp comp.1	Number	1
Line	VIBIA-Cosmos	Date	16-06-2014	Position	
Efficiency	35.21%	Coordinate system	CG	Total Flux	1704.00 lm

Isolux (Floor)

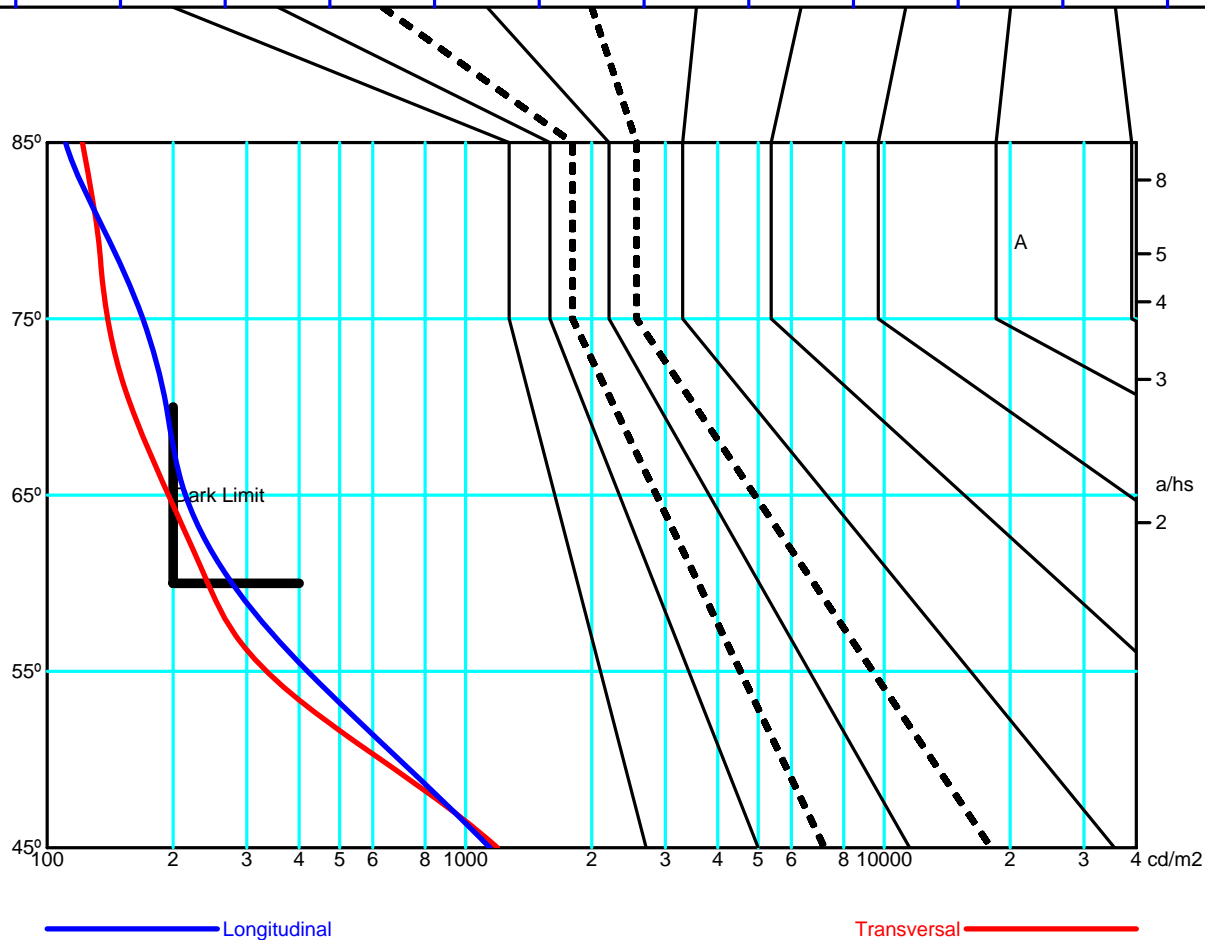
Luminaire position X=0.00m Y=0.00m Z=3.00m



Luminaire		Measur.		Lamp	
Code	2515	Code	2515	Code	4 led 350mA 3.7W
Name	4 cluster hanging lamp comp.1	Name	4 cluster hanging lamp comp.1	Number	1
Line	VIBIA-Cosmos	Date	16-06-2014	Position	
Efficiency	35.21%	Coordinate system	CG	Total Flux	1704.00 lm

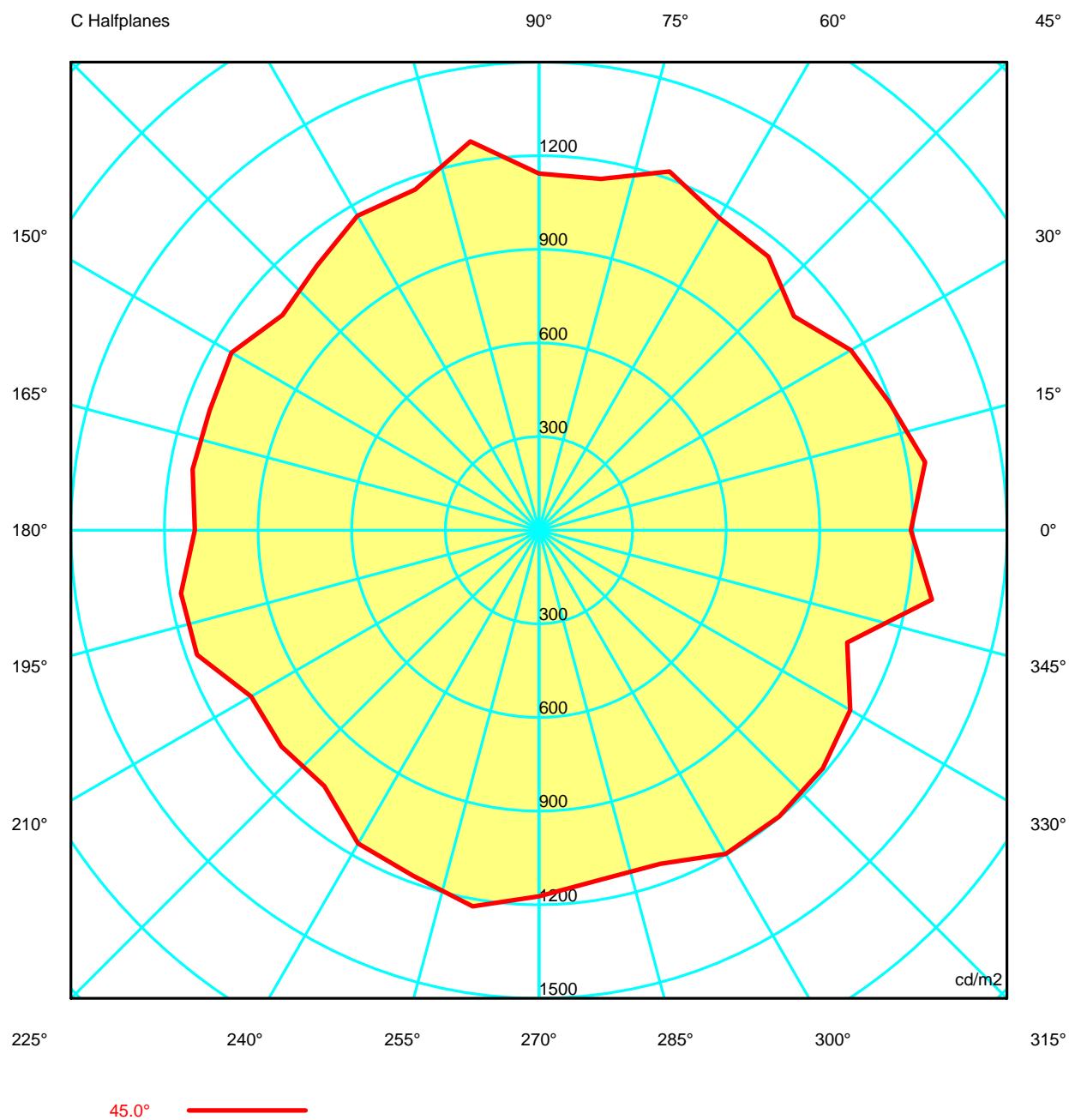
Average Luminance [cd/m²]									
0.0°	45°	50°	55°	60°	65°	70°	75°	80°	85°
1192	1143	627	335	242	195	159	140	132	121
90.0°		694	419	277	214	193	169	137	111

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		Measur.		Lamp	
Code	2515	Code	2515	Code	4 led 350mA 3.7W
Name	4 cluster hanging lamp comp.1	Name	4 cluster hanging lamp comp.1	Number	1
Line	VIBIA-Cosmos	Date	16-06-2014	Position	
Efficiency	35.21%	Coordinate system	CG	Total Flux	1704.00 lm

Luminance



Luminaire					Measurem.					Lamp																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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Luminaire					Measurem.					Lamp			
Code	2515				Code	2515				Code	4 led 350mA 3.7W		
Name	4 cluster hanging lamp comp.1				Name	4 cluster hanging lamp comp.1				Number	1		
Line	VIBIA-Cosmos				Date	16-06-2014				Position			
Efficiency		35.21%			Coordinate system		CG			Total Flux		1704.00 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	4432.65	4432.65	4432.65	4432.65	4432.65	4432.65	4432.65	4432.65	4432.65	4432.65	4432.65	4432.65	4432.65
G 5.0	4448.85	4420.33	4429.45	4420.23	4434.91	4529.71	4434.44	4523.02	4422.06	4394.03	4372.73	4396.68	4437.39
G 10.0	4499.55	4441.86	4460.31	4367.78	4471.35	4524.04	4470.40	4515.69	4445.36	4328.73	4318.02	4394.01	4476.37
G 15.0	4335.00	4290.23	4305.25	4219.97	4277.63	4320.56	4254.64	4316.39	4309.03	4189.98	4236.72	4233.98	4259.97
G 20.0	4065.44	4051.73	4047.97	4007.83	3988.78	4017.81	3956.69	4005.92	4041.39	3994.82	4084.34	4011.38	3941.45
G 25.0	3746.42	3761.15	3728.33	3752.61	3681.53	3715.92	3678.47	3671.18	3641.14	3745.14	3802.80	3767.89	3615.53
G 30.0	3280.71	3304.09	3284.73	3333.32	3248.17	3287.91	3276.69	3218.17	3106.56	3305.36	3306.43	3365.06	3192.46
G 35.0	2571.56	2573.10	2649.11	2635.34	2573.05	2593.68	2595.83	2544.79	2446.35	2558.13	2544.21	2666.37	2566.44
G 40.0	1774.06	1746.28	1891.33	1820.52	1796.66	1788.22	1808.88	1793.65	1731.76	1719.13	1714.53	1846.86	1840.65
G 45.0	1107.05	1072.89	1138.12	1122.98	1126.93	1102.80	1164.84	1166.35	1065.28	1077.42	1070.24	1158.92	1178.42
G 50.0	636.26	621.68	554.83	627.96	640.87	615.43	697.32	705.96	566.49	658.83	639.90	671.35	670.07
G 55.0	378.20	400.36	302.74	370.20	371.65	354.91	381.96	410.02	346.88	411.34	385.77	396.63	380.16
G 60.0	264.32	311.48	262.63	264.59	246.75	252.52	206.36	246.17	300.83	276.91	254.95	274.47	251.58
G 65.0	191.89	218.18	214.75	180.99	155.10	200.42	156.50	167.62	244.40	190.82	183.20	213.14	181.49
G 70.0	139.47	129.98	143.44	110.90	93.49	168.74	178.20	141.36	170.00	140.82	142.11	174.88	139.54
G 75.0	113.62	119.06	112.73	93.77	115.34	150.73	184.71	130.60	140.36	132.10	110.21	133.87	116.92
G 80.0	115.42	173.37	123.66	125.19	159.69	139.22	163.40	126.40	153.04	149.26	85.06	92.05	111.43
G 85.0	155.65	217.85	139.62	176.94	195.08	121.86	146.41	138.39	162.37	150.13	80.50	78.30	132.58
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	2515				Code	2515				Code	4 led 350mA 3.7W			
Name	4 cluster hanging lamp comp.1				Name	4 cluster hanging lamp comp.1				Number	1			
Line	VIBIA-Cosmos				Date	16-06-2014				Position				
Efficiency					35.21%		Coordinate system		CG		Total Flux		1704.00 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	4432.65	4432.65	4432.65	4432.65	4432.65	4432.65	4432.65	4432.65	4432.65	4432.65	4432.65	4432.65	4432.65	
G 5.0	4529.71	4434.44	4523.02	4422.06	4394.03	4372.73	4396.68	4437.39	4517.12	4581.62	4565.06	4513.87	4563.72	
G 10.0	4524.04	4470.40	4515.69	4445.36	4328.73	4318.02	4394.01	4476.37	4520.50	4593.76	4552.60	4503.32	4569.83	
G 15.0	4320.56	4254.64	4316.39	4309.03	4189.98	4236.72	4233.98	4259.97	4360.10	4356.15	4283.80	4316.13	4343.37	
G 20.0	4017.81	3956.69	4005.92	4041.39	3994.82	4084.34	4011.38	3941.45	4104.15	4023.63	3956.44	4055.88	4014.94	
G 25.0	3715.92	3678.47	3671.18	3641.14	3745.14	3802.80	3767.89	3615.53	3822.08	3753.83	3760.07	3818.46	3719.99	
G 30.0	3287.91	3276.69	3218.17	3106.56	3305.36	3306.43	3365.06	3192.46	3409.86	3384.32	3455.51	3434.38	3322.79	
G 35.0	2593.68	2595.83	2544.79	2446.35	2558.13	2544.21	2666.37	2566.44	2752.59	2720.30	2764.27	2721.53	2663.08	
G 40.0	1788.22	1808.88	1793.65	1731.76	1719.13	1714.53	1846.86	1840.65	1963.02	1904.81	1884.83	1863.50	1880.89	
G 45.0	1102.80	1164.84	1166.35	1065.28	1077.42	1070.24	1158.92	1178.42	1223.68	1172.73	1136.98	1137.30	1197.43	
G 50.0	615.43	697.32	705.96	566.49	658.83	639.90	671.35	670.07	660.74	630.02	618.96	631.72	707.67	
G 55.0	354.91	381.96	410.02	346.88	411.34	385.77	396.63	380.16	374.61	339.52	358.57	374.08	460.33	
G 60.0	252.52	206.36	246.17	300.83	276.91	254.95	274.47	251.58	276.16	228.52	269.92	277.49	358.96	
G 65.0	200.42	156.50	167.62	244.40	190.82	183.20	213.14	181.49	207.36	172.59	220.53	209.28	253.72	
G 70.0	168.74	178.20	141.36	170.00	140.82	142.11	174.88	139.54	149.09	139.37	175.41	143.16	144.37	
G 75.0	150.73	184.71	130.60	140.36	132.10	110.21	133.87	116.92	133.97	125.20	130.44	90.69	93.05	
G 80.0	139.22	163.40	126.40	153.04	149.26	85.06	92.05	111.43	156.80	126.21	92.34	64.28	101.53	
G 85.0	121.86	146.41	138.39	162.37	150.13	80.50	78.30	132.58	190.04	142.25	89.30	116.27	141.60	
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	