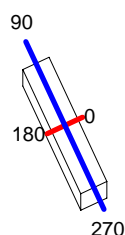


Luminaire		Measurem.		Lamp		
Code	2500	Code	2500	Code	1 led 350mA 3.7W	
Name	Hanging lamp d/190	Name	Hanging lamp d/190	Number	1	
Line	VIBIA-Cosmos	Date	09-05-2014	Position	Universal	
Efficiency	34.76%	Coordinate system	CG	Total Flux	426.00 lm	
Maximum value	292.63 cd/klm	Position	C=0.00 G=0.00	Double Symmetrical		
Rectangular Luminaire	Length	190 mm	Width	40 mm	Height	190 mm
Round Luminous Area	Diam.	20 mm	Height	0 mm		
Horizontal Luminous Area	0.000314 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°	0.000076 m2	
Symmetry Type	Double Symmetrical	Maximum Gamma Angle		90		
Measurement Distance	6.44	Measurement Flux		426.00 lm		
Operator	Asselum T2	Source voltage		230.00 V		
Temperature	21.00 °C	Source current				
Humidity	52.00 %	Photocell		Prc		
Notes						

Luminaire Lamps					
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
- VIBIA	1 led 350mA 3.7W	1 led 350mA 3.7W	426.00	4.00	1
C.I.E.	84 98 99 100 35	D DIN 5040			
F UTE	0.35 A	B NBN	A60	BZ 1	

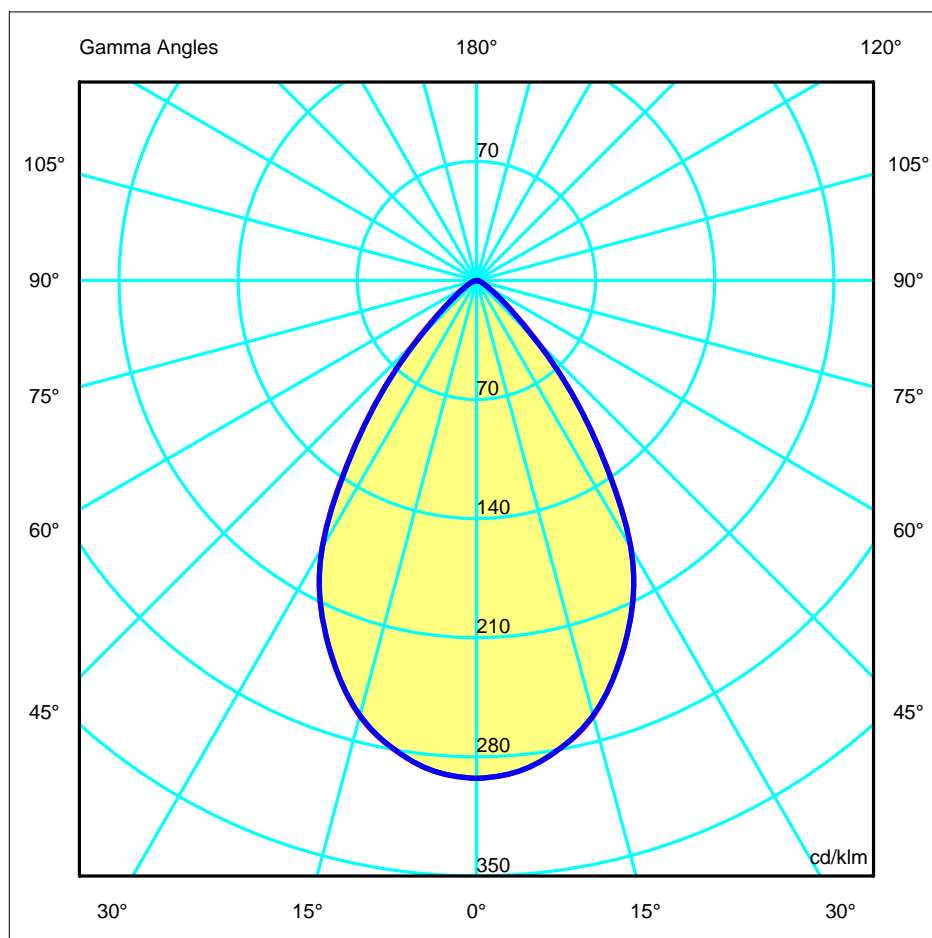
190mm x 40mm



C Halfplanes

180.0 — 0.0
 270.0 — 90.0

ULOR 0.00 %
 DLOR 34.76 %
 RN 0.00 %

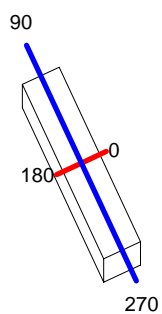
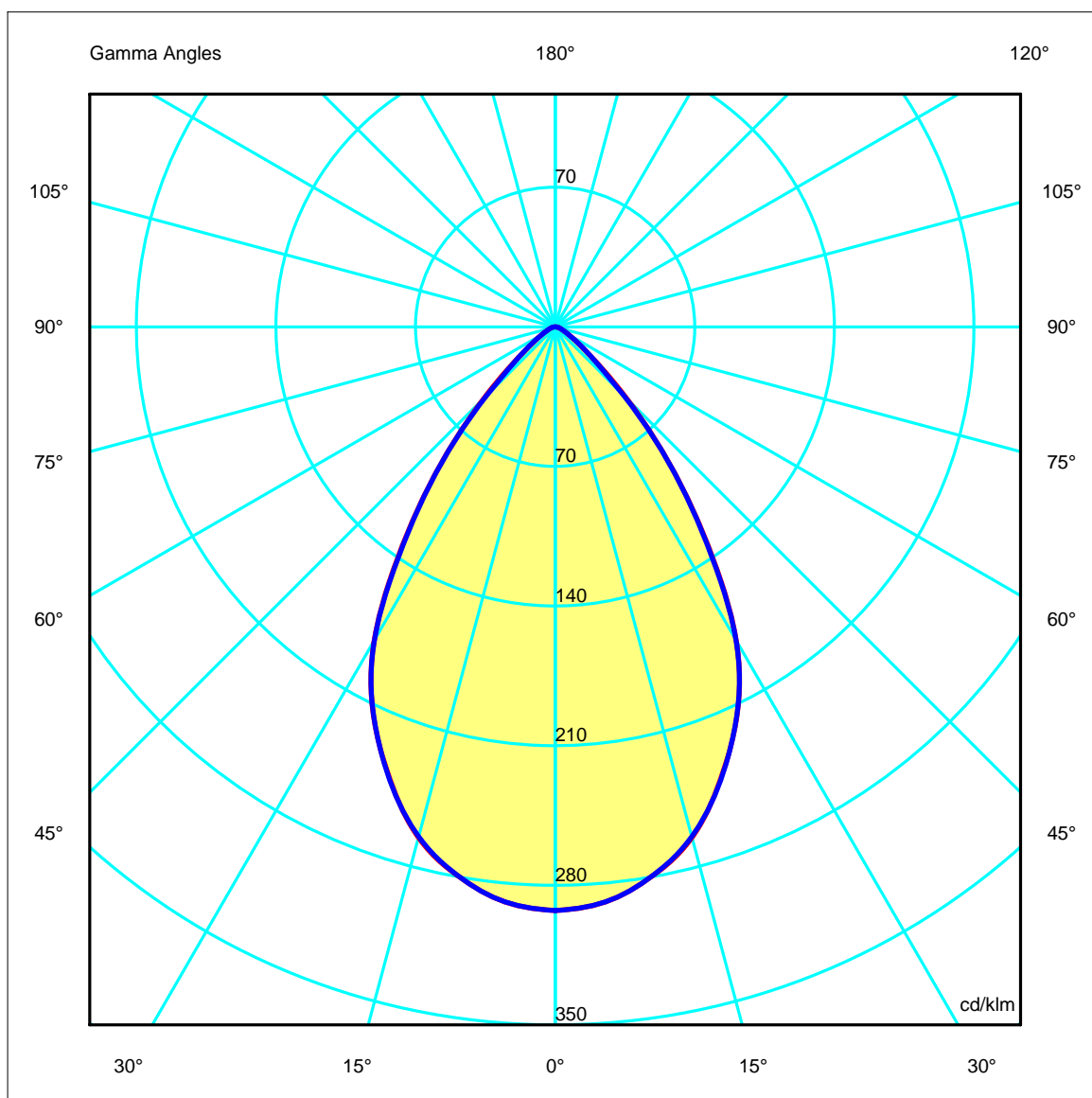


Luminaire		Measurem.				Lamp	
Code	2500	Code	2500			Code	1 led 350mA 3.7W
Name	Hanging lamp d/190	Name	Hanging lamp d/190			Number	1
Line	VIBIA-Cosmos	Date	09-05-2014			Position	Universal
Efficiency	34.76%	Coordinate system	CG			Total Flux	426.00 lm
Luminous Intensity Table cd/klm				Table 1/1			
	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	292.63	292.63	292.63	292.63	292.63	292.63	292.63
G 5.0	289.44	289.24	290.42	289.67	290.02	289.13	289.34
G 10.0	279.69	280.29	281.66	280.80	279.87	280.26	279.59
G 15.0	265.11	263.87	266.18	263.44	263.68	263.62	264.61
G 20.0	241.88	241.47	244.07	242.95	240.90	241.31	242.17
G 25.0	215.46	216.58	218.44	216.59	215.73	216.13	215.29
G 30.0	181.49	182.57	187.57	182.76	181.51	181.83	181.27
G 35.0	133.41	137.93	141.76	136.47	134.22	137.90	132.31
G 40.0	88.45	89.71	92.66	86.63	86.95	89.05	88.22
G 45.0	50.54	49.85	52.10	50.61	47.47	49.03	48.18
G 50.0	24.90	24.59	26.57	25.24	24.37	24.04	24.02
G 55.0	13.47	13.52	14.43	13.73	13.65	13.71	13.42
G 60.0	7.96	8.14	8.81	8.05	8.13	8.12	8.07
G 65.0	4.78	4.76	4.91	4.68	4.75	4.82	4.78
G 70.0	3.20	3.31	3.44	3.35	3.34	3.34	3.32
G 75.0	2.23	2.25	2.29	2.25	2.25	2.23	2.27
G 80.0	1.38	1.41	1.49	1.44	1.39	1.45	1.43
G 85.0	0.75	0.78	0.88	0.76	0.80	0.79	0.80
G 90.0	0.39	0.39	0.39	0.38	0.38	0.39	0.39

Luminaire		Measurem.		Lamp	
Code	2500	Code	2500	Code	1 led 350mA 3.7W
Name	Hanging lamp d/190	Name	Hanging lamp d/190	Number	1
Line	VIBIA-Cosmos	Date	09-05-2014	Position	Universal
Efficiency	34.76%	Coordinate system	CG	Total Flux	426.00 lm

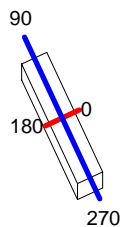
190mm x 40mm

C Halfplanes


 180.0 ————— 0.0
 270.0 ————— 90.0


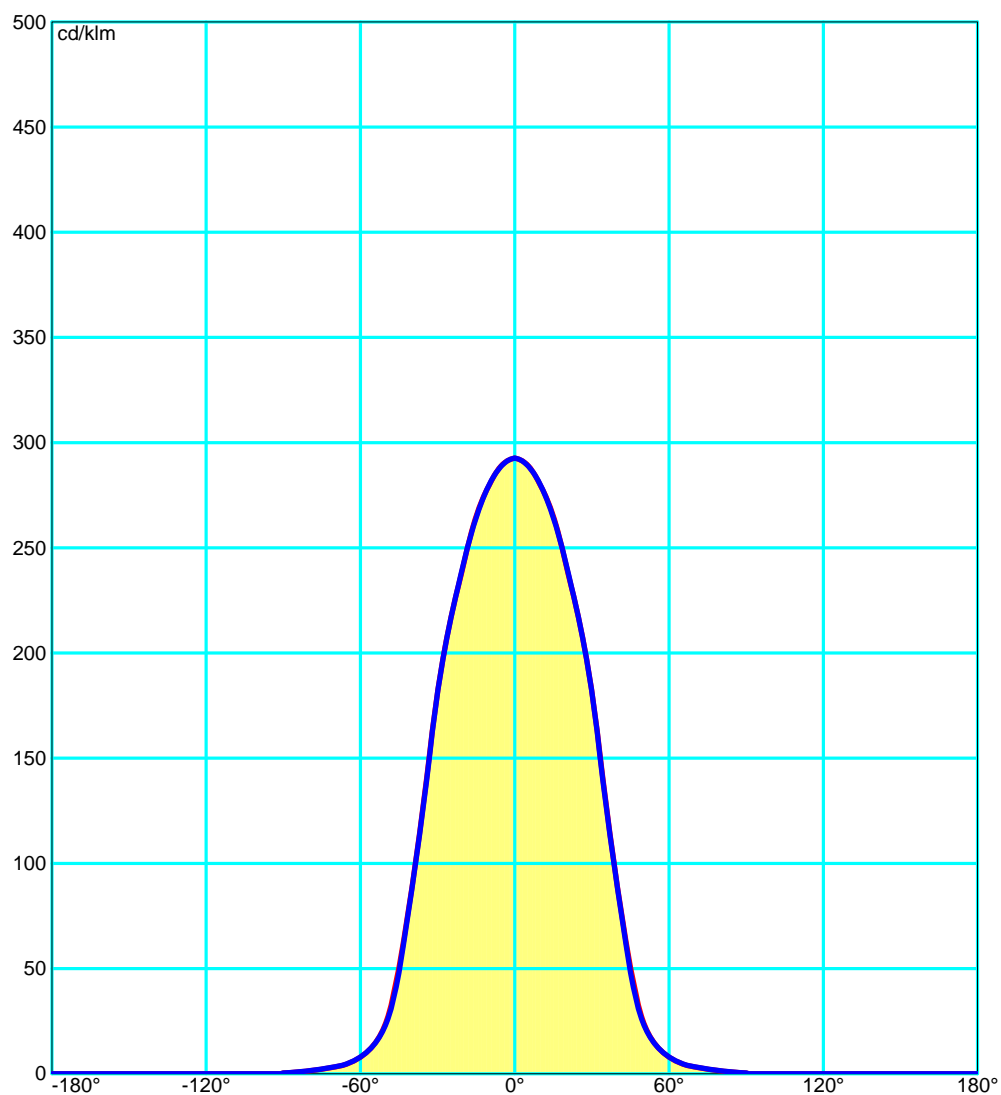
Luminaire		Measurem.		Lamp	
Code	2500	Code	2500	Code	1 led 350mA 3.7W
Name	Hanging lamp d/190	Name	Hanging lamp d/190	Number	1
Line	VIBIA-Cosmos	Date	09-05-2014	Position	Universal
Efficiency	34.76%	Coordinate system	CG	Total Flux	426.00 lm

190mm x 40mm



C Halfplanes

180.0 — 0.0
 270.0 — 90.0



Luminaire		Measurem.		Lamp	
Code	2500	Code	2500	Code	1 led 350mA 3.7W
Name	Hanging lamp d/190	Name	Hanging lamp d/190	Number	1
Line	VIBIA-Cosmos	Date	09-05-2014	Position	Universal
Efficiency	34.76%	Coordinate system	CG	Total Flux	426.00 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	24.2	25.1	24.5	25.3	25.4	24.1	24.9	24.3	25.1	25.4
x=2H y=3H	24.2	25.0	24.5	25.2	25.3	24.1	24.8	24.4	25.1	25.3
x=2H y=4H	24.2	24.9	24.5	25.2	25.3	24.1	24.8	24.4	25.0	25.3
x=2H y=6H	24.2	24.9	24.5	25.1	25.2	24.1	24.7	24.4	25.0	25.2
x=2H y=8H	24.2	24.8	24.5	25.1	25.2	24.1	24.7	24.4	24.9	25.2
x=2H y=12H	24.2	24.8	24.5	25.1	25.3	24.1	24.7	24.4	24.9	25.3
x=4H y=2H	24.1	24.8	24.5	25.1	25.2	24.0	24.7	24.3	25.0	25.2
x=4H y=3H	24.2	24.8	24.5	25.1	25.3	24.0	24.6	24.4	24.9	25.3
x=4H y=4H	24.2	24.7	24.6	25.0	25.3	24.1	24.6	24.5	24.9	25.3
x=4H y=6H	24.3	24.7	24.6	25.1	25.3	24.1	24.5	24.5	24.9	25.3
x=4H y=8H	24.2	24.7	24.7	25.0	25.3	24.1	24.5	24.5	24.9	25.3
x=4H y=12H	24.3	24.6	24.7	25.0	25.3	24.1	24.5	24.6	24.9	25.3
x=8H y=4H	24.2	24.6	24.6	24.9	25.2	24.0	24.4	24.4	24.8	25.2
x=8H y=6H	24.2	24.5	24.7	24.9	25.2	24.1	24.4	24.6	24.8	25.2
x=8H y=8H	24.2	24.5	24.7	24.9	25.3	24.1	24.4	24.6	24.8	25.3
x=8H y=12H	24.3	24.5	24.8	25.0	25.3	24.2	24.4	24.6	24.8	25.3
x=12H y=4H	24.1	24.5	24.6	24.9	25.2	24.0	24.4	24.4	24.8	25.2
x=12H y=6H	24.2	24.4	24.7	24.9	25.2	24.1	24.3	24.5	24.8	25.2
x=12H y=8H	24.3	24.5	24.7	24.9	25.3	24.1	24.3	24.6	24.8	25.3

Luminaire		Measurem.		Lamp	
Code	2500	Code	2500	Code	1 led 350mA 3.7W
Name	Hanging lamp d/190	Name	Hanging lamp d/190	Number	1
Line	VIBIA-Cosmos	Date	09-05-2014	Position	Universal
Efficiency	34.76%	Coordinate system	CG	Total Flux	426.00 lm

Total Flux=426.00 Luminaire Flux=148.08

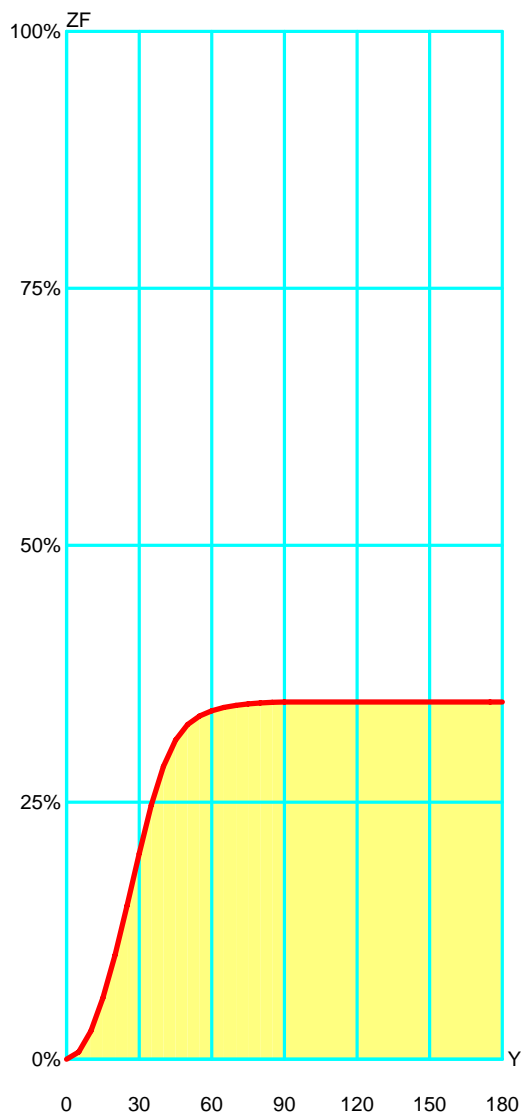
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.60	0.67	0.73	0.78	0.81	0.87	0.90	0.93	0.95	0.96	0.99	1.00
RC	-	-	-	-	-	-	-	-	-	-	-	-

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	101	200	285	326	339	344	347	348	348	348	348	348	348	348	348	348	348

CIE Flux Codes
84 98 99 100 35

C.I.E. -/-/-/-/-/-/-/-/-/-
D DIN 5040 A60
F UTE 0.35 A
B NBN BZ 1
RN 0.00000 %
BLF 1.0

LOR 34.76134 %
ULOR 0.00000 %
DLOR 34.76134 %
UFF 0.00000 %
DFF 100.00000 %
FFR 0.00000 %



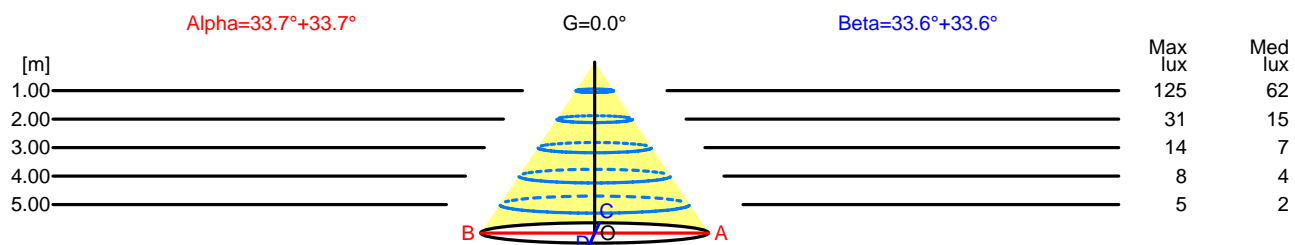
Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00 %	0.00 %
5°	6.96	6.96	2.00 %	2.00 %
10°	20.39	27.35	5.87 %	7.87 %
15°	32.31	59.66	9.30 %	17.16 %
20°	41.73	101.40	12.01 %	29.17 %
25°	48.10	149.50	13.84 %	43.01 %
30°	50.55	200.04	14.54 %	57.55 %
35°	47.09	247.14	13.55 %	71.09 %
40°	37.66	284.80	10.84 %	81.93 %
45°	25.67	310.47	7.38 %	89.31 %
50°	15.08	325.55	4.34 %	93.65 %
55°	8.40	333.94	2.42 %	96.07 %
60°	5.08	339.02	1.46 %	97.53 %
65°	3.16	342.18	0.91 %	98.44 %
70°	2.06	344.24	0.59 %	99.03 %
75°	1.46	345.70	0.42 %	99.45 %
80°	0.99	346.68	0.28 %	99.73 %
85°	0.61	347.29	0.17 %	99.91 %
90°	0.32	347.61	0.09 %	100.00 %
95°	0.00	347.61	0.00 %	100.00 %
100°	0.00	347.61	0.00 %	100.00 %
105°	0.00	347.61	0.00 %	100.00 %
110°	0.00	347.61	0.00 %	100.00 %
115°	0.00	347.61	0.00 %	100.00 %
120°	0.00	347.61	0.00 %	100.00 %
125°	0.00	347.61	0.00 %	100.00 %
130°	0.00	347.61	0.00 %	100.00 %
135°	0.00	347.61	0.00 %	100.00 %
140°	0.00	347.61	0.00 %	100.00 %
145°	0.00	347.61	0.00 %	100.00 %
150°	0.00	347.61	0.00 %	100.00 %
155°	0.00	347.61	0.00 %	100.00 %
160°	0.00	347.61	0.00 %	100.00 %
165°	0.00	347.61	0.00 %	100.00 %
170°	0.00	347.61	0.00 %	100.00 %
175°	0.00	347.61	0.00 %	100.00 %
180°	0.00	347.61	0.00 %	100.00 %

Luminaire		Measurem.		Lamp	
Code	2500	Code	2500	Code	1 led 350mA 3.7W
Name	Hanging lamp d/190	Name	Hanging lamp d/190	Number	1
Line	VIBIA-Cosmos	Date	09-05-2014	Position	Universal
Efficiency	34.76%	Coordinate system	CG	Total Flux	426.00 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	3.33	OC	0.66	1.33	1.99	2.66	3.32
OB	0.67	1.33	2.00	2.67	3.33	OD	0.66	1.33	1.99	2.66	3.32

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	124.66	123.30	112.94	91.78	56.83	21.53	5.74	2.04	0.95	0.32
OB	124.66	123.30	112.94	91.78	56.83	21.53	5.74	2.04	0.95	0.32
OC	124.66	123.26	112.73	91.72	56.36	20.52	5.72	2.03	0.97	0.34
OD	124.66	123.26	112.73	91.72	56.36	20.52	5.72	2.03	0.97	0.34



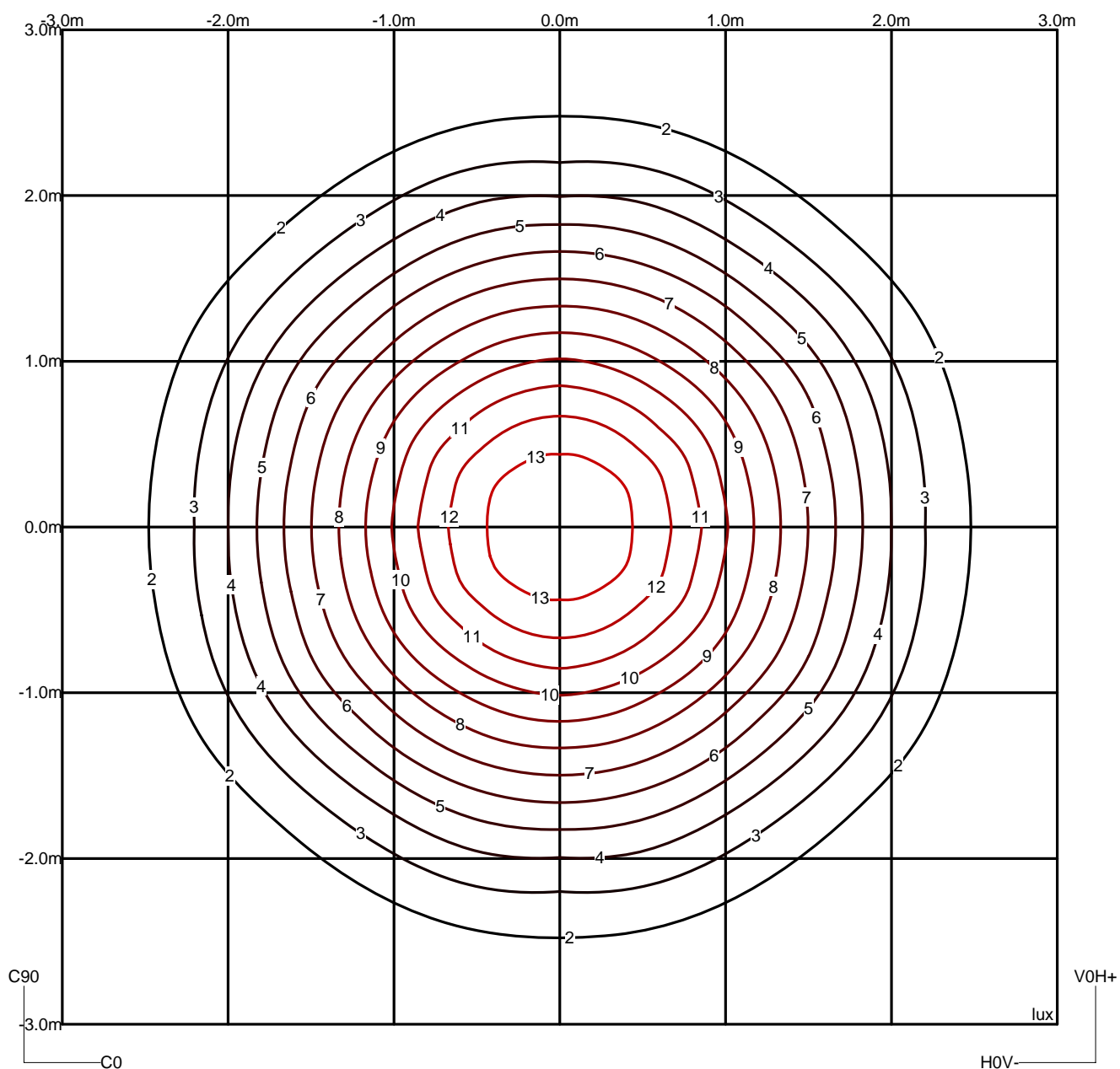
H[m]	D[m]	Max lux	Med lux	Alpha=33.7°+33.7°	G=0.0	
1.00	1.33	125	62			
2.00	2.67	31	15			
3.00	4.00	14	7			
4.00	5.33	8	4			
5.00	6.67	5	2			

H[m]	D[m]	Max lux	Med lux	Beta=33.6°+33.6°	G=0.0	
1.00	1.33	125	62			
2.00	2.66	31	15			
3.00	3.99	14	7			
4.00	5.31	8	4			
5.00	6.64	5	2			

Luminaire		Measurem.		Lamp	
Code	2500	Code	2500	Code	1 led 350mA 3.7W
Name	Hanging lamp d/190	Name	Hanging lamp d/190	Number	1
Line	VIBIA-Cosmos	Date	09-05-2014	Position	Universal
Efficiency	34.76%	Coordinate system	CG	Total Flux	426.00 lm

Isolux (Floor)

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



Luminaire				Measur.				Lamp			
Code	2500			Code	2500			Code	1 led 350mA 3.7W		
Name	Hanging lamp d/190			Name	Hanging lamp d/190			Number	1		
Line	VIBIA-Cosmos			Date	09-05-2014			Position	Universal		
Efficiency	34.76%			Coordinate system	CG			Total Flux	426.00 lm		

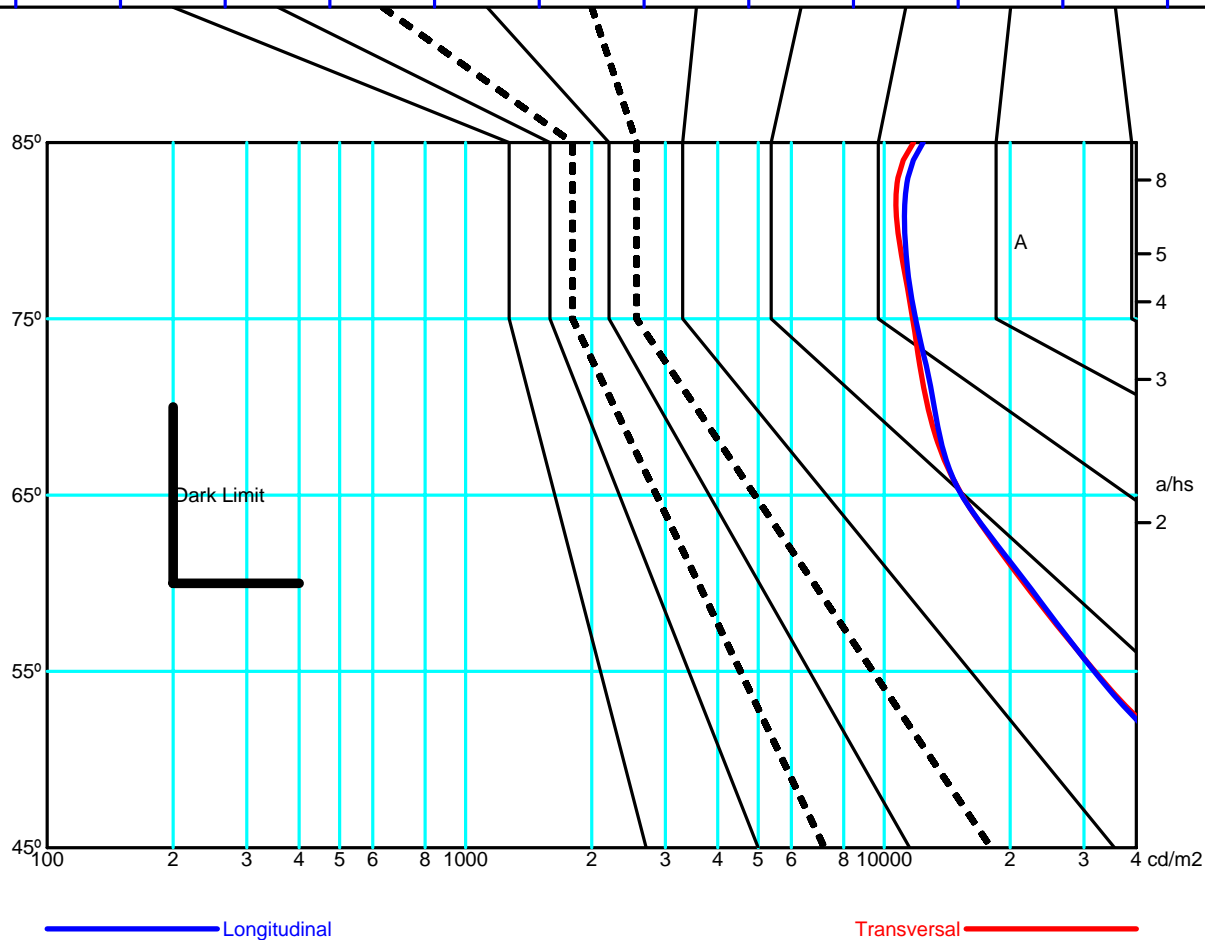
Utilizations CIE

Mounting	Direct				Normalization				Normalised				Suspension Ratio				Standard CIE Settings					
														</								

Luminaire		Measur.		Lamp	
Code	2500	Code	2500	Code	1 led 350mA 3.7W
Name	Hanging lamp d/190	Name	Hanging lamp d/190	Number	1
Line	VIBIA-Cosmos	Date	09-05-2014	Position	Universal
Efficiency	34.76%	Coordinate system	CG	Total Flux	426.00 lm

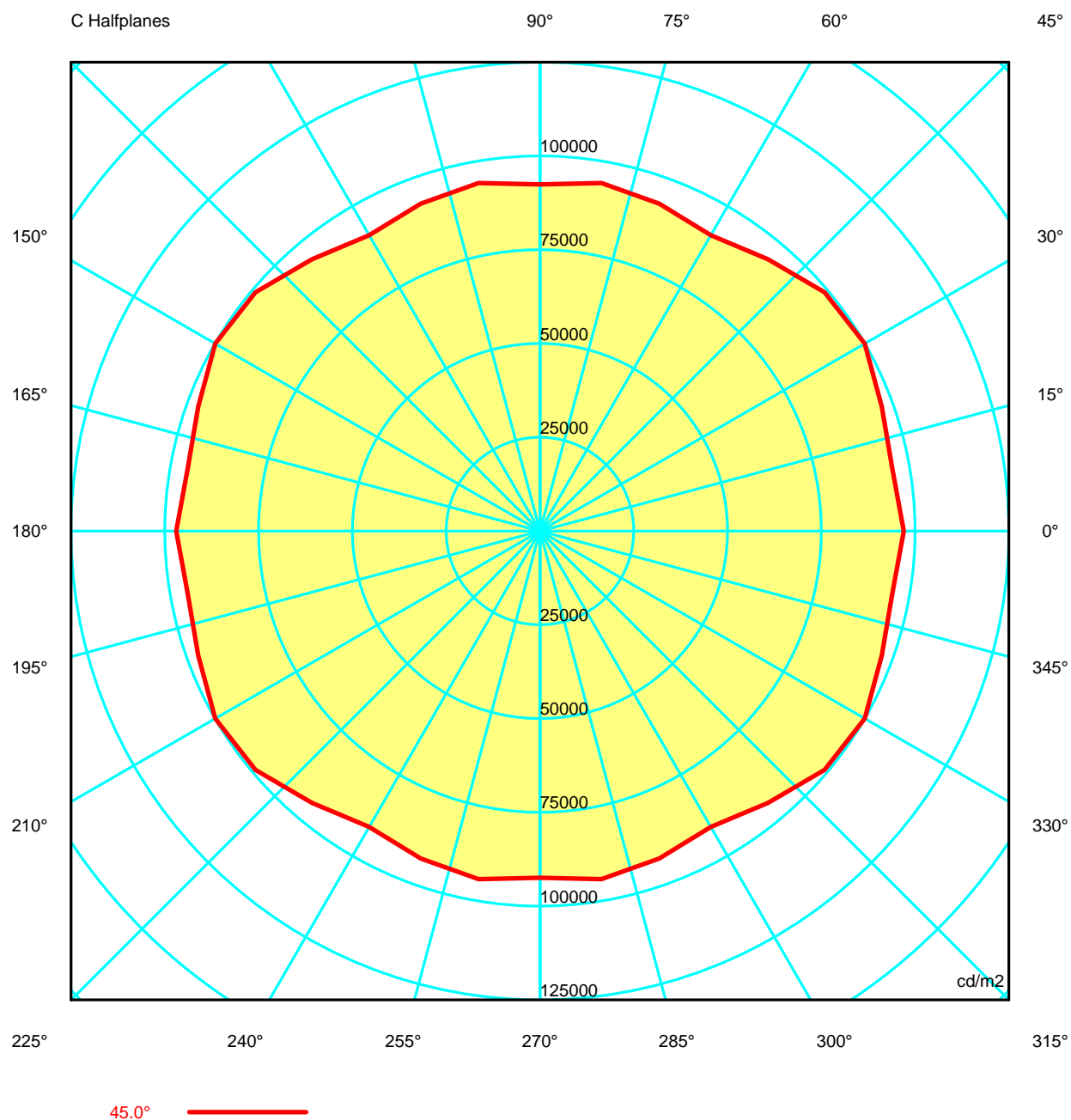
	45°	50°	55°	60°	Average Luminance [cd/m²]						
0.0°	96961	52551	31865	21600	15338	12707	11699	10773	11749	---	
90.0°	92441	50687	31744	21906	15331	13183	11878	11193	12386	---	

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	2500	Code	2500	Code	1 led 350mA 3.7W
Name	Hanging lamp d/190	Name	Hanging lamp d/190	Number	1
Line	VIBIA-Cosmos	Date	09-05-2014	Position	Universal
Efficiency	34.76%	Coordinate system	CG	Total Flux	426.00 lm

Luminance



Luminaire				Measur.				Lamp					
Code	2500			Code	2500			Code	1 led 350mA 3.7W				
Name	Hanging lamp d/190			Name	Hanging lamp d/190			Number	1				
Line	VIBIA-Cosmos			Date	09-05-2014			Position	Universal				
Efficiency	34.76%			Coordinate system	CG			Total Flux	426.00 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	397007.26	397007.26	397007.26	397007.26	397007.26	397007.26	397007.26	397007.26	397007.26	397007.26	397007.26	397007.26	397007.26
G 5.0	394178.06	393732.49	394484.01	395509.13	394837.83	394576.26	394965.93	394175.60	393639.66	394040.08	393639.66	394175.60	394965.93
G 10.0	385305.32	385680.30	386852.65	388019.23	387474.16	386216.06	385552.82	385934.68	385976.92	385174.78	385976.92	385934.68	385552.82
G 15.0	372366.20	370478.97	371788.42	373863.68	371405.18	370128.91	370347.94	370292.73	370527.16	371661.02	370527.16	370292.73	370347.94
G 20.0	349222.72	348260.27	349811.32	352378.80	351856.19	349550.72	347799.51	347942.01	348836.03	349641.51	348836.03	347942.01	347799.51
G 25.0	322526.02	323380.16	325380.56	326984.45	325403.97	323411.02	322941.30	323423.01	323334.54	322282.96	323334.54	323423.01	322941.30
G 30.0	284311.87	285442.83	289118.23	293847.60	289368.43	284639.88	284342.03	284807.13	284693.15	283969.94	284693.15	284807.13	284342.03
G 35.0	220949.13	225651.76	231559.08	234792.47	229670.55	223256.68	222300.82	227125.66	227027.90	219136.19	227027.90	227125.66	222300.82
G 40.0	156655.89	157342.17	161472.19	164106.36	157087.77	152046.37	153987.48	156931.05	157705.11	156243.90	157705.11	156931.05	153987.48
G 45.0	96961.25	95369.13	96969.87	99967.50	99037.29	94589.98	91078.40	92896.14	94235.82	92440.58	94235.82	92896.14	91078.40
G 50.0	52551.15	51455.23	53342.59	56079.52	54618.25	52351.05	51445.96	50911.84	50726.12	50686.98	50726.12	50911.84	51445.96
G 55.0	31865.28	31936.71	32778.01	34133.74	33152.85	32404.65	32286.04	32380.11	32270.73	31743.55	32270.73	32380.11	32286.04
G 60.0	21599.83	21928.40	22858.36	23910.12	22581.29	21923.88	22064.27	22034.41	21957.53	21905.89	21957.53	22034.41	22064.27
G 65.0	15338.40	15222.12	15448.28	15753.21	15262.42	14990.06	15261.53	15451.52	15450.16	15331.35	15450.16	15451.52	15261.53
G 70.0	12706.57	12966.75	13364.68	13653.21	13436.42	13275.00	13245.07	13254.41	13240.31	13183.14	13240.31	13254.41	13245.07
G 75.0	11698.90	11749.62	11878.68	12021.79	11854.82	11761.67	11811.71	11718.85	11710.03	11878.38	11710.03	11718.85	11811.71
G 80.0	10772.69	10874.31	11242.74	11626.85	11471.31	11052.73	10856.56	11145.60	11335.85	11192.96	11335.85	11145.60	10856.56
G 85.0	11749.22	11970.32	12757.58	13670.92	12412.57	12022.26	12450.85	12352.17	12261.64	12386.26	12261.64	12352.17	12450.85
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	2500				Code	2500				Code	1 led 350mA 3.7W		
Name	Hanging lamp d/190				Name	Hanging lamp d/190				Number	1		
Line	VIBIA-Cosmos				Date	09-05-2014				Position	Universal		
Efficiency		34.76%			Coordinate system		CG			Total Flux		426.00 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	397007.26	397007.26	397007.26	397007.26	397007.26	397007.26	397007.26	397007.26	397007.26	397007.26	397007.26	397007.26	397007.26
G 5.0	394576.26	394837.83	395509.13	394484.01	393732.49	394178.06	393732.49	394484.01	395509.13	394837.83	394576.26	394965.93	394175.60
G 10.0	386216.06	387474.16	388019.23	386852.65	385680.30	385305.32	385680.30	386852.65	388019.23	387474.16	386216.06	385552.82	385934.68
G 15.0	370128.91	371405.18	373863.68	371788.42	370478.97	372366.20	370478.97	371788.42	373863.68	371405.18	370128.91	370347.94	370292.73
G 20.0	349550.72	351856.19	352378.80	349811.32	348260.27	349222.72	348260.27	349811.32	352378.80	351856.19	349550.72	347799.51	347942.01
G 25.0	323411.02	325403.97	326984.45	325380.56	323380.16	322526.02	323380.16	325380.56	326984.45	325403.97	323411.02	322941.30	323423.01
G 30.0	284639.88	289368.43	293847.60	289118.23	285442.83	284311.87	285442.83	289118.23	293847.60	289368.43	284639.88	284342.03	284807.13
G 35.0	223256.68	229670.55	234792.47	231559.08	225651.76	220949.13	225651.76	231559.08	234792.47	229670.55	223256.68	222300.82	227125.66
G 40.0	152046.37	157087.77	164106.36	161472.19	157342.17	156655.89	157342.17	161472.19	164106.36	157087.77	152046.37	153987.48	156931.05
G 45.0	94589.98	99037.29	99967.50	96969.87	95369.13	96961.25	95369.13	96969.87	99967.50	99037.29	94589.98	91078.40	92896.14
G 50.0	52351.05	54618.25	56079.52	53342.59	51455.23	52551.15	51455.23	53342.59	56079.52	54618.25	52351.05	51445.96	50911.84
G 55.0	32404.65	33152.85	34133.74	32778.01	31936.71	31865.28	31936.71	32778.01	34133.74	33152.85	32404.65	32286.04	32380.11
G 60.0	21923.88	22581.29	23910.12	22858.36	21928.40	21599.83	21928.40	22858.36	23910.12	22581.29	21923.88	22064.27	22034.41
G 65.0	14990.06	15262.42	15753.21	15448.28	15222.12	15338.40	15222.12	15448.28	15753.21	15262.42	14990.06	15261.53	15451.52
G 70.0	13275.00	13436.42	13653.21	13364.68	12966.75	12706.57	12966.75	13364.68	13653.21	13436.42	13275.00	13245.07	13254.41
G 75.0	11761.67	11854.82	12021.79	11878.68	11749.62	11698.90	11749.62	11878.68	12021.79	11854.82	11761.67	11811.71	11718.85
G 80.0	11052.73	11471.31	11626.85	11242.74	10874.31	10772.69	10874.31	11242.74	11626.85	11471.31	11052.73	10856.56	11145.60
G 85.0	12022.26	12412.57	13670.92	12757.58	11970.32	11749.22	11970.32	12757.58	13670.92	12412.57	12022.26	12450.85	12352.17
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	2500			Code	2500			Code	1 led 350mA 3.7W				
Name	Hanging lamp d/190			Name	Hanging lamp d/190			Number	1				
Line	VIBIA-Cosmos			Date	09-05-2014			Position	Universal				
Efficiency	34.76%			Coordinate system	CG			Total Flux	426.00 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	397007.26	397007.26	397007.26	397007.26	397007.26	397007.26	397007.26	397007.26	397007.26	397007.26	397007.26	397007.26	397007.26
G 5.0	394178.06	393732.49	394484.01	395509.13	394837.83	394576.26	394965.93	394175.60	393639.66	394040.08	393639.66	394175.60	394965.93
G 10.0	385305.32	385680.30	386852.65	388019.23	387474.16	386216.06	385552.82	385934.68	385976.92	385174.78	385976.92	385934.68	385552.82
G 15.0	372366.20	370478.97	371788.42	373863.68	371405.18	370128.91	370347.94	370292.73	370527.16	371661.02	370527.16	370292.73	370347.94
G 20.0	349222.72	348260.27	349811.32	352378.80	351856.19	349550.72	347799.51	347942.01	348836.03	349641.51	348836.03	347942.01	347799.51
G 25.0	322526.02	323380.16	325380.56	326984.45	325403.97	323411.02	322941.30	323423.01	323334.54	322282.96	323334.54	323423.01	322941.30
G 30.0	284311.87	285442.83	289118.23	293847.60	289368.43	284639.88	284342.03	284807.13	284693.15	283969.94	284693.15	284807.13	284342.03
G 35.0	220949.13	225651.76	231559.08	234792.47	229670.55	223256.68	222300.82	227125.66	227027.90	219136.19	227027.90	227125.66	222300.82
G 40.0	156655.89	157342.17	161472.19	164106.36	157087.77	152046.37	153987.48	156931.05	157705.11	156243.90	157705.11	156931.05	153987.48
G 45.0	96961.25	95369.13	96969.87	99967.50	99037.29	94589.98	91078.40	92896.14	94235.82	92440.58	94235.82	92896.14	91078.40
G 50.0	52551.15	51455.23	53342.59	56079.52	54618.25	52351.05	51445.96	50911.84	50726.12	50686.98	50726.12	50911.84	51445.96
G 55.0	31865.28	31936.71	32778.01	34133.74	33152.85	32404.65	32286.04	32380.11	32270.73	31743.55	32270.73	32380.11	32286.04
G 60.0	21599.83	21928.40	22858.36	23910.12	22581.29	21923.88	22064.27	22034.41	21957.53	21905.89	21957.53	22034.41	22064.27
G 65.0	15338.40	15222.12	15448.28	15753.21	15262.42	14990.06	15261.53	15451.52	15450.16	15331.35	15450.16	15451.52	15261.53
G 70.0	12706.57	12966.75	13364.68	13653.21	13436.42	13275.00	13245.07	13254.41	13240.31	13183.14	13240.31	13254.41	13245.07
G 75.0	11698.90	11749.62	11878.68	12021.79	11854.82	11761.67	11811.71	11718.85	11710.03	11878.38	11710.03	11718.85	11811.71
G 80.0	10772.69	10874.31	11242.74	11626.85	11471.31	11052.73	10856.56	11145.60	11335.85	11192.96	11335.85	11145.60	10856.56
G 85.0	11749.22	11970.32	12757.58	13670.92	12412.57	12022.26	12450.85	12352.17	12261.64	12386.26	12261.64	12352.17	12450.85
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