

Luminaire		Measurem.		Lamp	
Code	0917	Code	0917	Code	4 led 700mA 3W
Name	Hanging lamp 4x100	Name	Hanging lamp 4x100	Number	1
Line	VIBIA-Slim	Date	16-11-2012	Position	Universal
Efficiency	48.29%	Coordinate system	CG	Total Flux	725.00 lm
Maximum value	362.43 cd/klm	Position	C=0.00 G=0.00	Double Symmetrical	
Round Luminaire	Diam.	280 mm	Height	1000 mm	
Round Luminous Area	Diam.	280 mm	Height	10 mm	
Horizontal Luminous Area	0.061575 m2		Emitting area on Plane 180°	0.002800 m2	
Emitting area on Plane 0°	0.002800 m2		Emitting area on Plane 270°	0.002800 m2	
Emitting area on Plane 90°	0.002800 m2		Glare area at 76°	0.017613 m2	
Symmetry Type	Double Symmetrical	Maximum Gamma Angle	180		
Measurement Distance	0.00	Measurement Flux	725.00 lm		
Operator	Asselum	Source voltage	230.00 V		
Temperature	25.00 °C	Source current			
Humidity	53.00 %	Photocell			
Notes					

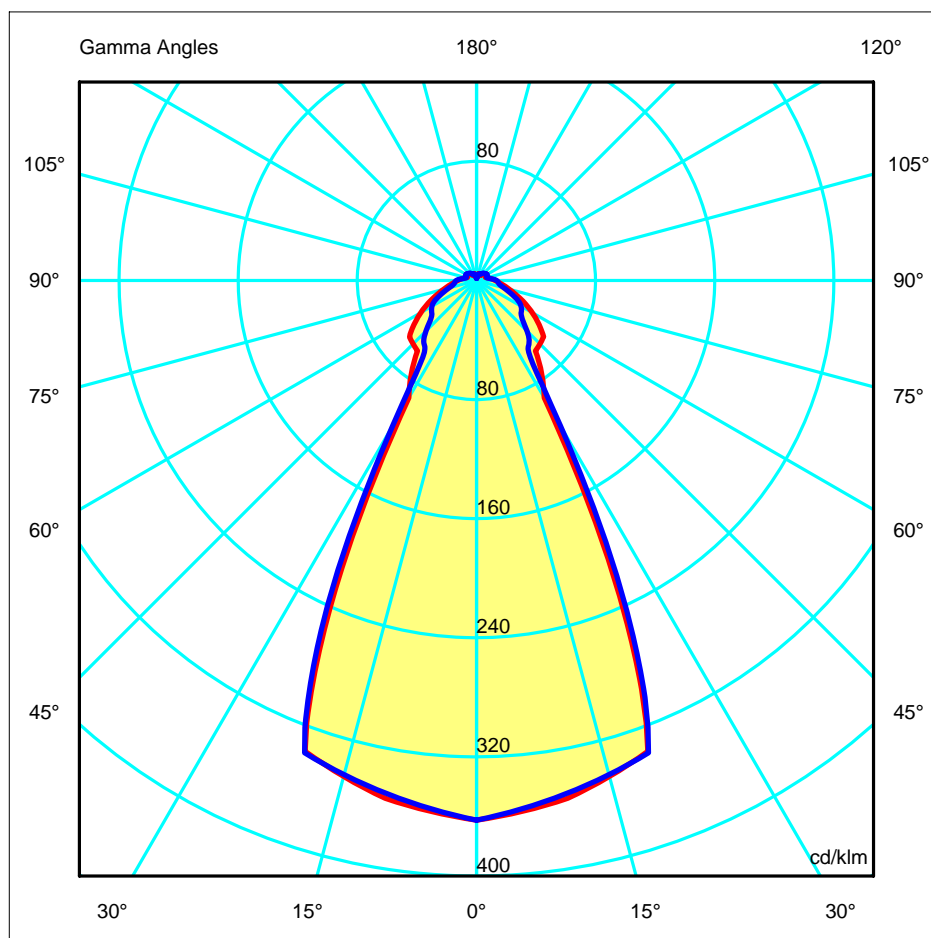
Luminaire Lamps					
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
- VIBIA	4 led 700mA 3W	4 led 700mA 3W	725.00	12.00	1
C.I.E.	66 83 94 90 48	D DIN 5040	B51		
F UTE	0.44 C + 0.05 T	B NBN	BZ 1 / 0.6 / BZ 2 / 1.5 / BZ 3		

Diam=280mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0

ULOR 4.72 %
DLOR 43.57 %
RN 9.77 %


Luminaire		Measur.		Lamp						
Code	0917	Code	0917	Code	4 led 700mA 3W					
Name	Hanging lamp 4x100	Name	Hanging lamp 4x100	Number	1					
Line	VIBIA-Slim	Date	16-11-2012	Position	Universal					
Efficiency	48.29%	Coordinate system	CG	Total Flux	725.00 lm					
Maximum value	362.43 cd/klm	Position	C=0.00 G=0.00	Double Symmetrical						
Luminous Intensity Table cd/klm										
	Table 1/1									
	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
G 0.0	362.43	362.43	362.43	362.43	362.43	362.43	362.43	362.43	362.43	362.43
G 10.0	353.13	355.61	353.47	355.49	357.79	358.70	359.89	354.31	356.02	349.74
G 20.0	336.51	335.66	343.90	339.85	333.54	328.32	326.70	326.30	334.03	337.54
G 30.0	90.98	96.22	99.24	101.97	95.60	93.86	100.86	94.18	99.08	112.71
G 40.0	61.64	63.12	60.46	58.72	59.31	53.34	55.12	52.92	51.15	54.96
G 50.0	58.79	57.96	58.59	56.19	48.28	48.96	50.55	41.48	42.14	39.99
G 60.0	43.31	41.74	44.95	40.47	40.69	42.07	33.70	35.99	34.44	34.68
G 70.0	28.59	30.68	28.27	28.97	28.05	26.27	25.84	27.49	27.82	24.06
G 80.0	18.55	19.07	17.90	17.25	17.33	17.08	14.79	19.32	16.81	15.85
G 90.0	12.60	12.62	11.61	11.61	11.93	13.04	12.12	11.07	11.33	13.60
G100.0	9.01	9.82	10.01	8.83	9.94	8.85	8.77	8.79	8.86	8.39
G110.0	6.37	8.15	8.35	7.36	8.63	8.43	9.57	7.90	8.90	7.32
G120.0	7.91	8.51	7.06	8.24	6.67	7.20	7.92	7.53	7.32	8.25
G130.0	6.97	6.00	6.87	6.92	6.55	6.48	6.44	7.73	5.49	7.19
G140.0	5.10	6.04	5.52	5.97	6.41	7.55	6.02	5.77	5.73	6.43
G150.0	4.01	4.97	6.49	6.69	6.24	5.95	5.33	5.48	5.92	4.67
G160.0	4.99	4.99	4.40	3.92	4.02	4.03	3.89	4.14	4.73	4.85
G170.0	3.59	3.18	2.70	2.42	2.39	2.38	2.73	2.66	2.50	2.34
G180.0	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46

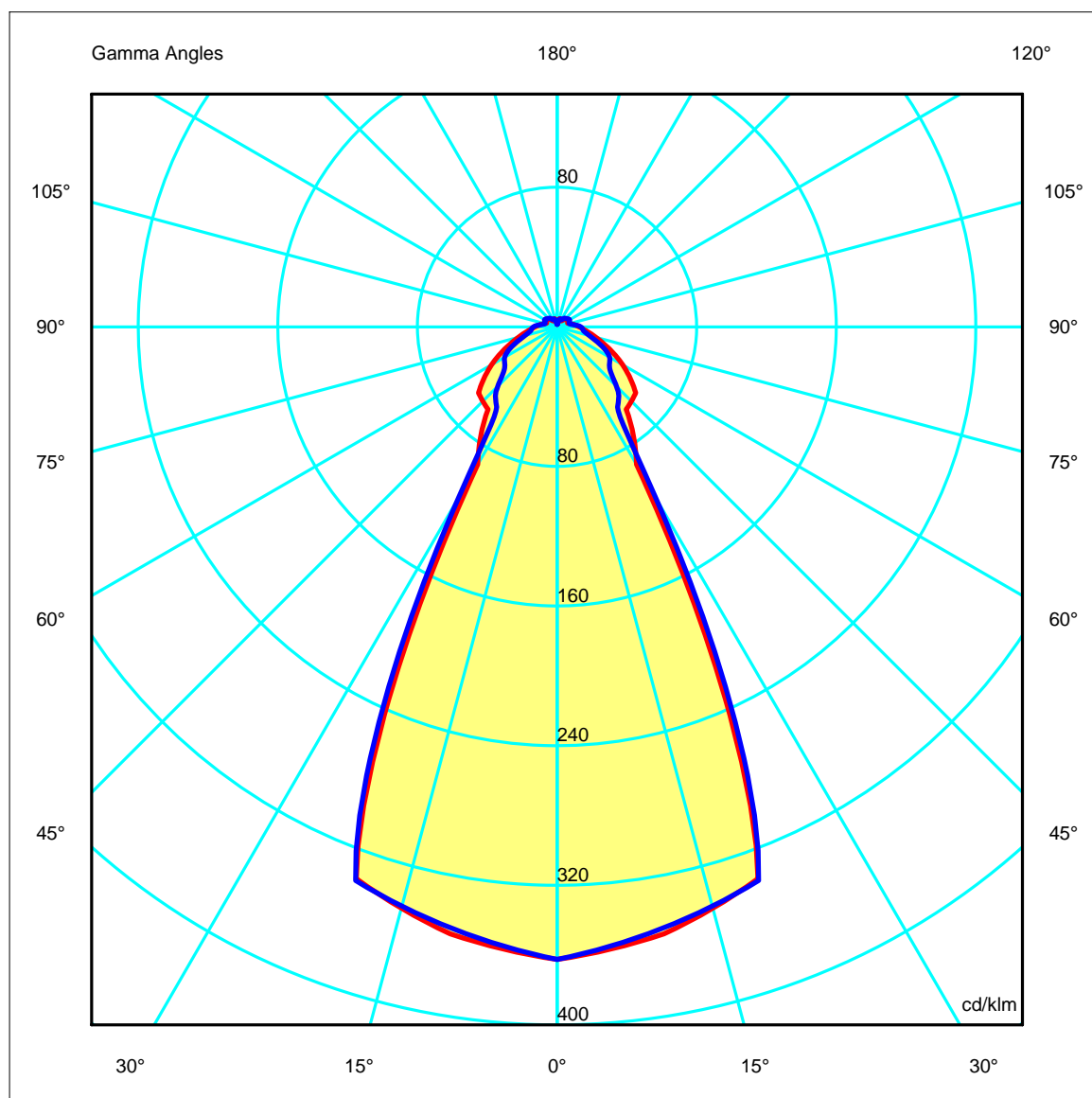
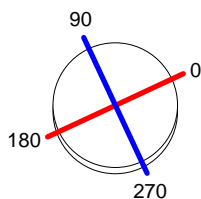
Luminaire		Measur.		Lamp	
Code	0917	Code	0917	Code	4 led 700mA 3W
Name	Hanging lamp 4x100	Name	Hanging lamp 4x100	Number	1
Line	VIBIA-Slim	Date	16-11-2012	Position	Universal
Efficiency	48.29%	Coordinate system	CG	Total Flux	725.00 lm
Maximum value	362.43 cd/klm	Position	C=0.00 G=0.00	Double Symmetrical	

Diam=280mm

C Halfplanes

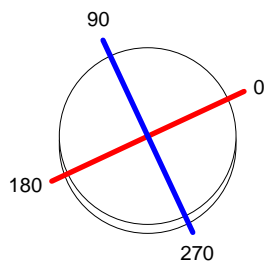
180.0 ————— 0.0

270.0 ————— 90.0



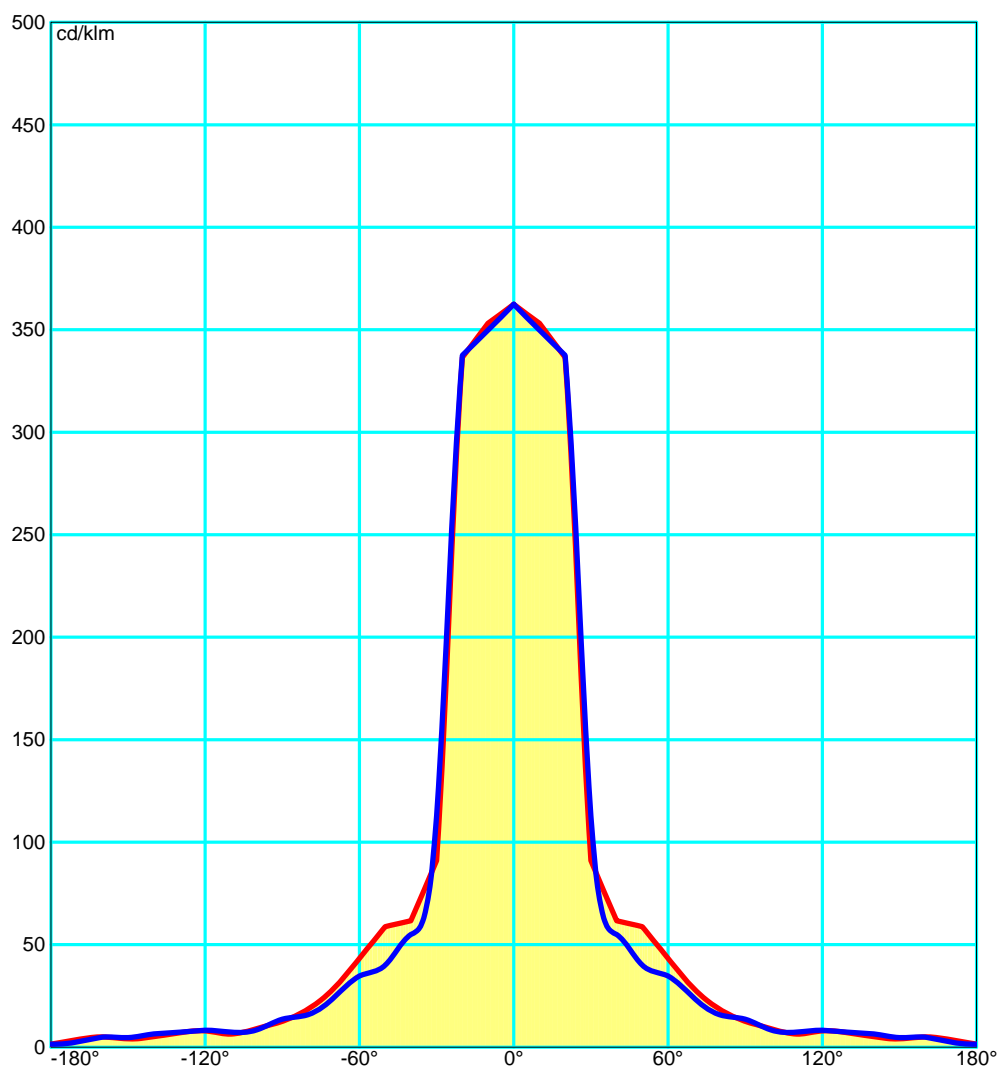
Luminaire		Measur.		Lamp	
Code	0917	Code	0917	Code	4 led 700mA 3W
Name	Hanging lamp 4x100	Name	Hanging lamp 4x100	Number	1
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Efficiency	48.29%	Coordinate system	CG	Total Flux	725.00 lm
Maximum value	362.43 cd/klm	Position	C=0.00 G=0.00	Double Symmetrical	

Diam=280mm



C Halfplanes

180.0 ————— 0.0
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Code	0917	Code	0917	Code	4 led 700mA 3W
Name	Hanging lamp 4x100	Name	Hanging lamp 4x100	Number	1
Line	VIBIA-Slim	Date	16-11-2012	Position	Universal
Efficiency	48.29%	Coordinate system	CG	Total Flux	725.00 lm
Maximum value	362.43 cd/klm	Position	C=0.00 G=0.00	Double Symmetrical	

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	10.1	11.2	10.6	11.5	10.6	8.8	9.9	9.3	10.2	10.6
x=2H y=3H	12.0	12.9	12.5	13.4	12.8	11.0	11.9	11.4	12.3	12.8
x=2H y=4H	12.9	13.8	13.4	14.2	13.7	12.0	12.8	12.4	13.2	13.7
x=2H y=6H	13.8	14.6	14.3	15.0	14.6	12.8	13.6	13.3	14.0	14.6
x=2H y=8H	14.2	15.0	14.7	15.4	15.0	13.3	14.0	13.7	14.5	15.0
x=2H y=12H	14.7	15.4	15.2	15.9	15.5	13.8	14.5	14.3	15.0	15.5
x=4H y=2H	10.9	11.7	11.3	12.1	11.7	9.9	10.8	10.4	11.2	11.7
x=4H y=3H	12.9	13.6	13.4	14.1	13.8	12.1	12.8	12.6	13.3	13.8
x=4H y=4H	13.9	14.6	14.5	15.1	14.9	13.2	13.9	13.8	14.4	14.9
x=4H y=6H	15.0	15.6	15.6	16.1	16.0	14.3	14.9	14.9	15.4	16.0
x=4H y=8H	15.5	16.0	16.1	16.6	16.5	14.9	15.4	15.4	15.9	16.5
x=4H y=12H	16.1	16.6	16.7	17.1	17.1	15.4	15.9	16.0	16.5	17.1
x=8H y=4H	14.3	14.8	14.9	15.4	15.4	13.7	14.2	14.3	14.7	15.4
x=8H y=6H	15.5	16.0	16.1	16.5	16.6	15.0	15.4	15.6	16.0	16.6
x=8H y=8H	16.2	16.6	16.9	17.2	17.4	15.7	16.1	16.3	16.7	17.4
x=8H y=12H	17.0	17.3	17.7	17.9	18.1	16.5	16.8	17.1	17.4	18.1
x=12H y=4H	14.4	14.8	15.0	15.4	15.4	13.8	14.2	14.4	14.8	15.4
x=12H y=6H	15.7	16.1	16.3	16.7	16.8	15.2	15.5	15.8	16.1	16.8
x=12H y=8H	16.4	16.8	17.1	17.4	17.6	15.9	16.3	16.6	16.9	17.6

Luminaire		Measurem.		Lamp	
Code	0917	Code	0917	Code	4 led 700mA 3W
Name	Hanging lamp 4x100	Name	Hanging lamp 4x100	Number	1
Line	VIBIA-Slim	Date	16-11-2012	Position	Universal
Efficiency	48.29%	Coordinate system	CG	Total Flux	725.00 lm
Maximum value	362.43 cd/klm	Position	C=0.00 G=0.00	Double Symmetrical	

Total Flux=725.00 Luminaire Flux=350.08

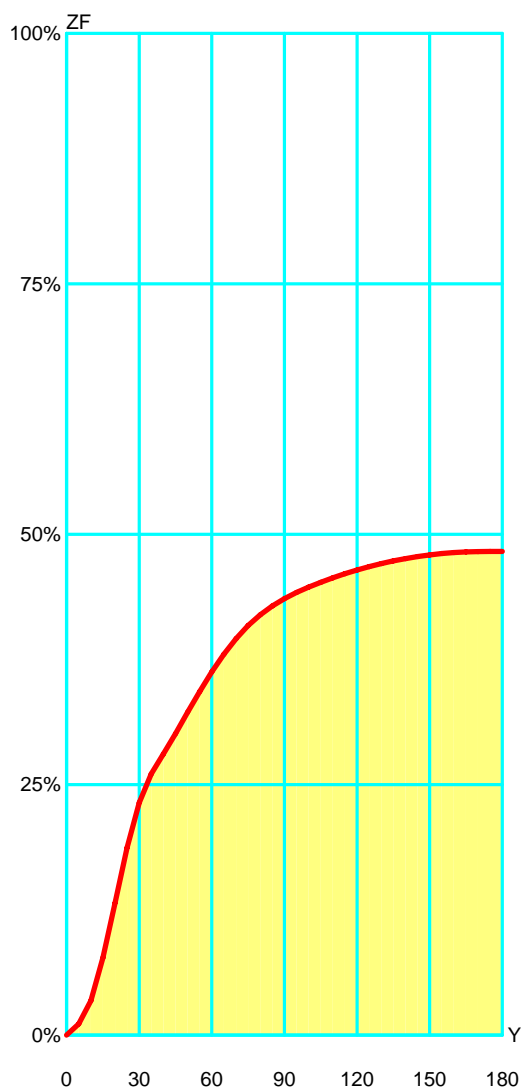
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.47	0.53	0.59	0.64	0.68	0.75	0.80	0.83	0.87	0.89	0.94	0.98
RC	2	2	3	3	3	3	3	3	3	3	3	2

		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)		34	132	232	281	322	362	396	420	436	447	456	464	471	476	479	482	483	483

CIE Flux Codes
66 83 94 90 48

C.I.E. 2/2/3/3/3/3/3/3/3/2
D DIN 5040 B51
F UTE 0.44 C + 0.05 T
B NBN BZ 1 / 0.6 / BZ 2 / 1.5 / BZ 3
RN 9.77037 %
BLF 1.0

LOR 48.28723 %
ULOR 4.71784 %
DLOR 43.56939 %
UFF 9.77037 %
DFF 90.22963 %
FFR 10.82834 %



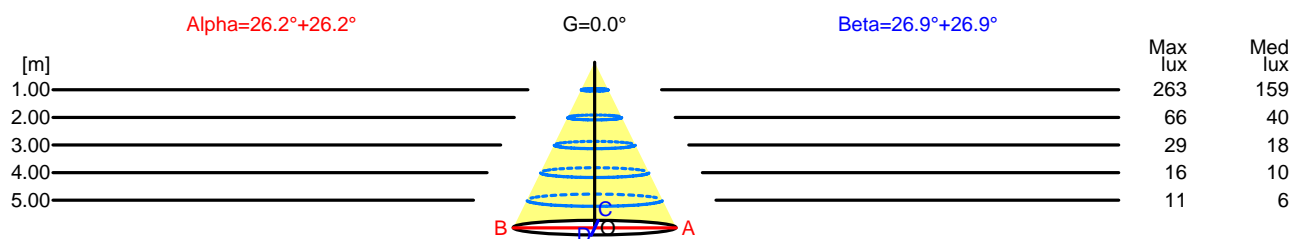
Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	11.18	11.18	2.31 %	2.31 %
10°	23.10	34.28	4.78 %	7.10 %
15°	42.97	77.25	8.90 %	16.00 %
20°	54.80	132.05	11.35 %	27.35 %
25°	54.99	187.03	11.39 %	38.73 %
30°	45.00	232.03	9.32 %	48.05 %
35°	28.69	260.72	5.94 %	53.99 %
40°	20.01	280.73	4.14 %	58.14 %
45°	20.34	301.06	4.21 %	62.35 %
50°	21.22	322.29	4.40 %	66.74 %
55°	20.72	343.01	4.29 %	71.03 %
60°	19.48	362.49	4.03 %	75.07 %
65°	17.71	380.20	3.67 %	78.74 %
70°	15.53	395.73	3.22 %	81.95 %
75°	13.09	408.82	2.71 %	84.66 %
80°	10.80	419.62	2.24 %	86.90 %
85°	8.80	428.42	1.82 %	88.72 %
90°	7.27	435.69	1.51 %	90.23 %
95°	6.19	441.88	1.28 %	91.51 %
100°	5.39	447.27	1.12 %	92.63 %
105°	4.81	452.08	1.00 %	93.62 %
110°	4.40	456.48	0.91 %	94.53 %
115°	4.10	460.58	0.85 %	95.38 %
120°	3.77	464.35	0.78 %	96.16 %
125°	3.39	467.74	0.70 %	96.87 %
130°	3.00	470.73	0.62 %	97.49 %
135°	2.62	473.36	0.54 %	98.03 %
140°	2.30	475.65	0.48 %	98.50 %
145°	2.01	477.66	0.42 %	98.92 %
150°	1.70	479.36	0.35 %	99.27 %
155°	1.34	480.70	0.28 %	99.55 %
160°	0.98	481.68	0.20 %	99.75 %
165°	0.64	482.32	0.13 %	99.89 %
170°	0.35	482.68	0.07 %	99.96 %
175°	0.15	482.83	0.03 %	99.99 %
180°	0.05	482.87	0.01 %	100.00 %

Luminaire		Measur.		Lamp	
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Efficiency	48.29%	Coordinate system	CG	Total Flux	725.00 lm
Maximum value	362.43 cd/klm	Position	C=0.00 G=0.00	Double Symmetrical	

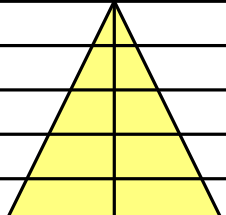
Width at 50.00 % of Max Intensity

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	0.49	0.98	1.48	1.97	2.46	OC	0.51	1.01	1.52	2.03	2.53
OB	0.49	0.98	1.48	1.97	2.46	OD	0.51	1.01	1.52	2.03	2.53

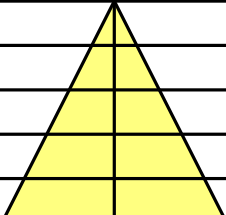
	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	262.76	259.39	249.99	155.96	55.33	43.66	37.02	25.81	16.64	10.99
OB	262.76	259.39	249.99	155.96	55.33	43.66	37.02	25.81	16.64	10.99
OC	262.76	258.16	249.14	166.38	45.64	34.77	26.56	21.78	13.79	10.63
OD	262.76	258.16	249.14	166.38	45.64	34.77	26.56	21.78	13.79	10.63



H[m]	D[m]	Max lux	Med lux	Alpha=26.2°+26.2°	G=0.0	
1.00	0.98	263	159			
2.00	1.97	66	40			
3.00	2.95	29	18			
4.00	3.94	16	10			
5.00	4.92	11	6			



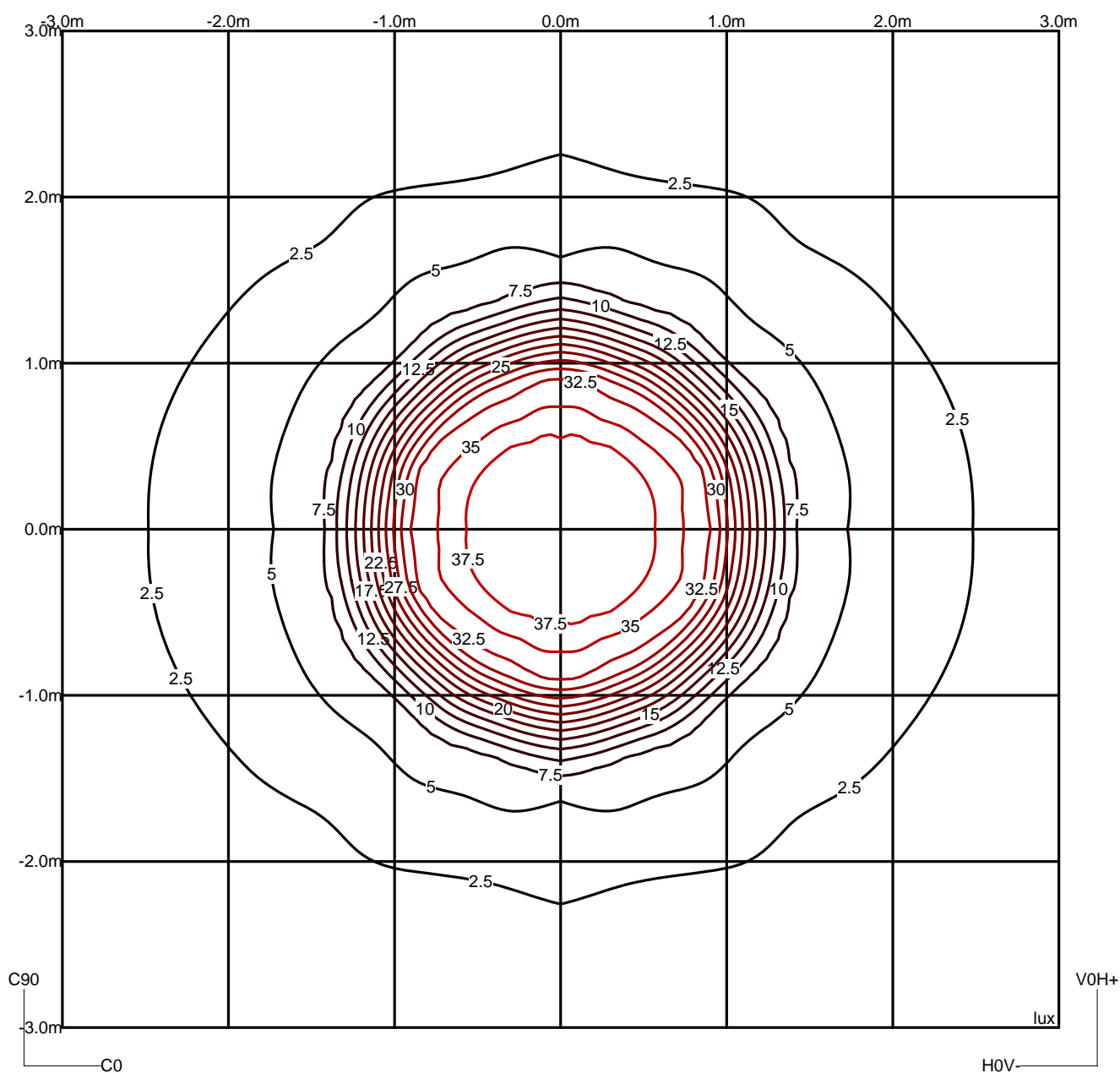
H[m]	D[m]	Max lux	Med lux	Beta=26.9°+26.9°	G=0.0	
1.00	1.01	263	159			
2.00	2.03	66	40			
3.00	3.04	29	18			
4.00	4.06	16	10			
5.00	5.07	11	6			



Luminaire		Measur.		Lamp	
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Isolux (Floor)

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



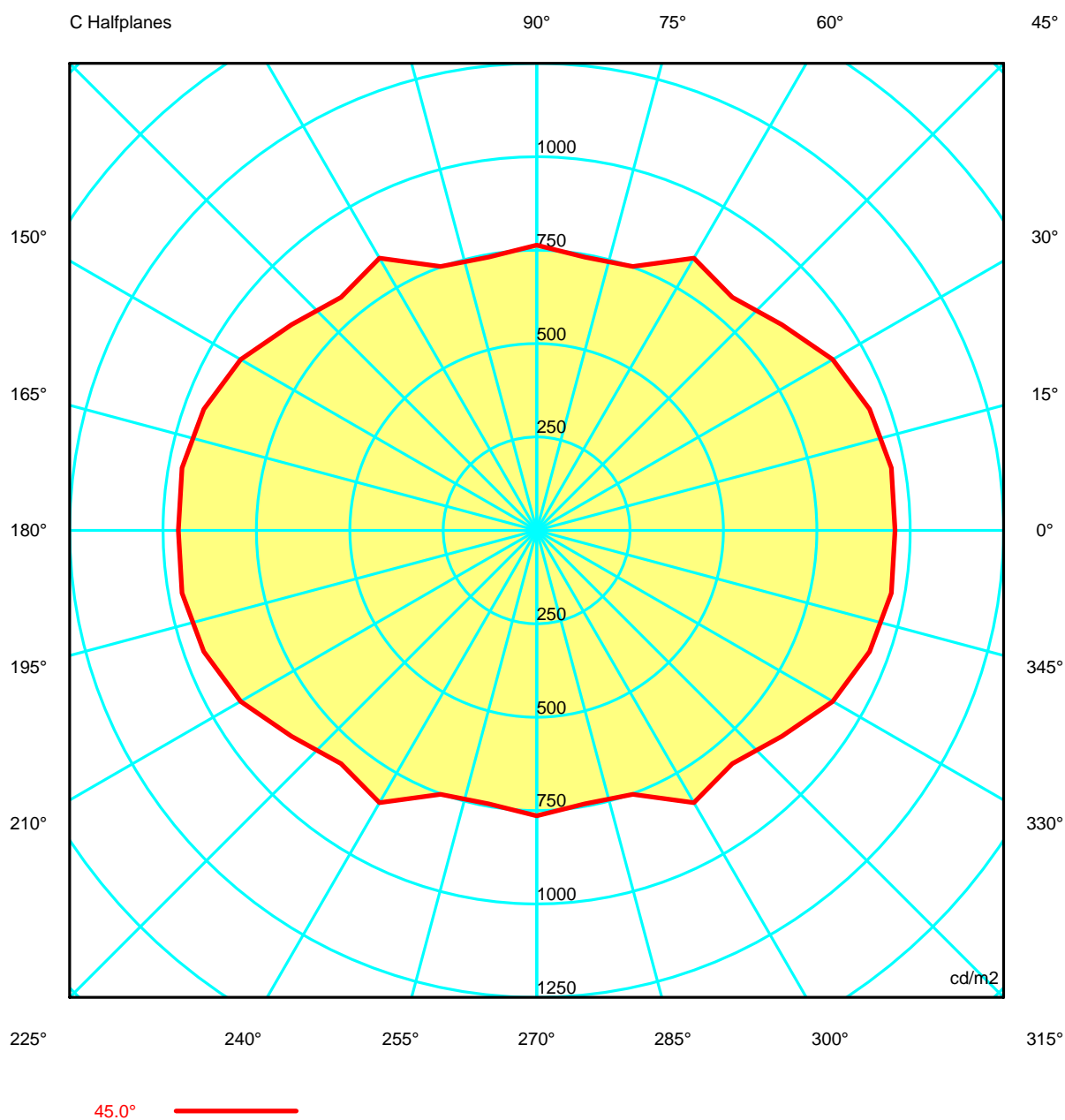
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Code	0917	Code	0917	Code	4 led 700mA 3W
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Line	VIBIA-Slim	Date	16-11-2012	Position	Universal
Efficiency	48.29%	Coordinate system	CG	Total Flux	725.00 lm
Maximum value	362.43 cd/klm	Position	C=0.00 G=0.00	Double Symmetrical	

Utilizations CIE

Mounting	Direct				Normalization				Normalised				Suspension Ratio				Standard CIE Settings			

Luminaire		Measur.		Lamp	
Code	0917	Code	0917	Code	4 led 700mA 3W
Name	Hanging lamp 4x100	Name	Hanging lamp 4x100	Number	1
Line	VIBIA-Slim	Date	16-11-2012	Position	Universal
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Maximum value	362.43 cd/klm	Position	C=0.00 G=0.00	Double Symmetrical	

Luminance



Luminaire				Measurem.				Lamp					
Code	0917			Code	0917			Code	4 led 700mA 3W				
Name	Hanging lamp 4x100			Name	Hanging lamp 4x100			Number	1				
Line	VIBIA-Slim			Date	16-11-2012			Position	Universal				
Efficiency	48.29%			Coordinate system	CG			Total Flux	725.00 lm				
Maximum value	362.43 cd/klm			Position	C=0.00 G=0.00			Double Symmetrical					
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	4267.33	4267.33	4267.33	4267.33	4267.33	4267.33	4267.33	4267.33	4267.33	4267.33	4267.33	4267.33	4267.33
G 5.0	4211.94	4226.55	4213.93	4225.82	4239.36	4244.69	4251.71	4218.87	4228.91	4191.96	4228.91	4218.87	4251.71
G 10.0	4188.43	4217.87	4192.45	4216.40	4243.70	4254.44	4268.57	4202.41	4222.64	4148.17	4222.64	4202.41	4268.57
G 15.0	4152.62	4162.47	4199.19	4186.98	4162.80	4136.81	4134.24	4098.25	4155.09	4138.41	4155.09	4098.25	4134.24
G 20.0	4147.74	4137.31	4238.91	4189.01	4111.15	4046.80	4026.84	4021.94	4117.25	4160.50	4117.25	4021.94	4026.84
G 25.0	2736.73	2764.13	2857.26	2846.65	2742.00	2697.34	2735.57	2689.25	2786.36	2919.44	2786.36	2689.25	2735.57
G 30.0	1205.29	1274.73	1314.67	1350.84	1266.54	1243.40	1336.17	1247.75	1312.66	1493.15	1312.66	1247.75	1336.17
G 35.0	1063.02	1109.81	1112.32	1119.18	1079.00	1025.25	1086.37	1024.60	1046.41	876.92	1046.41	1024.60	1086.37
G 40.0	912.62	934.49	895.18	869.33	878.15	789.74	816.00	783.51	757.34	813.74	757.34	783.51	816.00
G 45.0	959.08	964.21	948.11	915.09	856.86	814.66	841.48	751.78	742.92	763.79	742.92	751.78	841.48
G 50.0	1021.56	1007.09	1018.10	976.40	838.98	850.67	878.37	720.78	732.16	694.83	732.16	720.78	878.37
G 55.0	984.24	951.74	1008.47	933.55	842.39	884.58	806.52	727.98	721.32	706.15	721.32	727.98	806.52
G 60.0	945.45	911.20	981.16	883.43	888.18	918.32	735.74	785.70	751.74	756.96	751.74	785.70	735.74
G 65.0	903.61	912.48	922.95	873.05	889.31	878.00	745.16	818.64	804.04	762.76	804.04	818.64	745.16
G 70.0	875.02	939.01	865.11	886.64	858.43	804.04	790.64	841.25	851.48	736.22	851.48	841.25	790.64
G 75.0	892.48	960.51	867.57	887.83	855.31	797.13	781.20	908.12	865.46	739.51	865.46	908.12	781.20
G 80.0	1000.18	1028.15	964.62	929.82	934.21	920.44	797.02	1041.30	906.35	854.35	906.35	1041.30	797.02
G 85.0	1346.93	1343.68	1262.83	1217.45	1248.97	1328.59	1139.24	1316.19	1188.42	1303.28	1188.42	1316.19	1139.24
G 90.0	3261.76	3268.17	3006.94	3006.81	3088.10	3377.00	3138.26	2867.63	2933.43	3520.40	2933.43	2867.63	3138.26

Luminaire				Measur.				Lamp					
Code	0917			Code	0917			Code	4 led 700mA 3W				
Name	Hanging lamp 4x100			Name	Hanging lamp 4x100			Number	1				
Line	VIBIA-Slim			Date	16-11-2012			Position	Universal				
Efficiency	48.29%			Coordinate system	CG			Total Flux	725.00 lm				
Maximum value	362.43 cd/klm			Position	C=0.00 G=0.00			Double Symmetrical					
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	4267.33	4267.33	4267.33	4267.33	4267.33	4267.33	4267.33	4267.33	4267.33	4267.33	4267.33	4267.33	4267.33
G 5.0	4244.69	4239.36	4225.82	4213.93	4226.55	4211.94	4226.55	4213.93	4225.82	4239.36	4244.69	4251.71	4218.87
G 10.0	4254.44	4243.70	4216.40	4192.45	4217.87	4188.43	4217.87	4192.45	4216.40	4243.70	4254.44	4268.57	4202.41
G 15.0	4136.81	4162.80	4186.98	4199.19	4162.47	4152.62	4162.47	4199.19	4186.98	4162.80	4136.81	4134.24	4098.25
G 20.0	4046.80	4111.15	4189.01	4238.91	4137.31	4147.74	4137.31	4238.91	4189.01	4111.15	4046.80	4026.84	4021.94
G 25.0	2697.34	2742.00	2846.65	2857.26	2764.13	2736.73	2764.13	2857.26	2846.65	2742.00	2697.34	2735.57	2689.25
G 30.0	1243.40	1266.54	1350.84	1314.67	1274.73	1205.29	1274.73	1314.67	1350.84	1266.54	1243.40	1336.17	1247.75
G 35.0	1025.25	1079.00	1119.18	1112.32	1109.81	1063.02	1109.81	1112.32	1119.18	1079.00	1025.25	1086.37	1024.60
G 40.0	789.74	878.15	869.33	895.18	934.49	912.62	934.49	895.18	869.33	878.15	789.74	816.00	783.51
G 45.0	814.66	856.86	915.09	948.11	964.21	959.08	964.21	948.11	915.09	856.86	814.66	841.48	751.78
G 50.0	850.67	838.98	976.40	1018.10	1007.09	1021.56	1007.09	1018.10	976.40	838.98	850.67	878.37	720.78
G 55.0	884.58	842.39	933.55	1008.47	951.74	984.24	951.74	1008.47	933.55	842.39	884.58	806.52	727.98
G 60.0	918.32	888.18	883.43	981.16	911.20	945.45	911.20	981.16	883.43	888.18	918.32	735.74	785.70
G 65.0	878.00	889.31	873.05	922.95	912.48	903.61	912.48	922.95	873.05	889.31	878.00	745.16	818.64
G 70.0	804.04	858.43	886.64	865.11	939.01	875.02	939.01	865.11	886.64	858.43	804.04	790.64	841.25
G 75.0	797.13	855.31	887.83	867.57	960.51	892.48	960.51	867.57	887.83	855.31	797.13	781.20	908.12
G 80.0	920.44	934.21	929.82	964.62	1028.15	1000.18	1028.15	964.62	929.82	934.21	920.44	797.02	1041.30
G 85.0	1328.59	1248.97	1217.45	1262.83	1343.68	1346.93	1343.68	1262.83	1217.45	1248.97	1328.59	1139.24	1316.19
G 90.0	3377.00	3088.10	3006.81	3006.94	3268.17	3261.76	3268.17	3006.94	3006.81	3088.10	3377.00	3138.26	2867.63

Luminaire		Measur.		Lamp						
Code	0917	Code	0917	Code	4 led 700mA 3W					
Name	Hanging lamp 4x100	Name	Hanging lamp 4x100	Number	1					
Line	VIBIA-Slim	Date	16-11-2012	Position	Universal					
Efficiency	48.29%	Coordinate system	CG	Total Flux	725.00 lm					
Maximum value	362.43 cd/klm	Position	C=0.00 G=0.00	Double Symmetrical						
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	4267.33	4267.33	4267.33	4267.33	4267.33	4267.33	4267.33	4267.33	4267.33	4267.33
G 5.0	4228.91	4191.96	4228.91	4218.87	4251.71	4244.69	4239.36	4225.82	4213.93	4226.55
G 10.0	4222.64	4148.17	4222.64	4202.41	4268.57	4254.44	4243.70	4216.40	4192.45	4217.87
G 15.0	4155.09	4138.41	4155.09	4098.25	4134.24	4136.81	4162.80	4186.98	4199.19	4162.47
G 20.0	4117.25	4160.50	4117.25	4021.94	4026.84	4046.80	4111.15	4189.01	4238.91	4137.31
G 25.0	2786.36	2919.44	2786.36	2689.25	2735.57	2697.34	2742.00	2846.65	2857.26	2764.13
G 30.0	1312.66	1493.15	1312.66	1247.75	1336.17	1243.40	1266.54	1350.84	1314.67	1274.73
G 35.0	1046.41	876.92	1046.41	1024.60	1086.37	1025.25	1079.00	1119.18	1112.32	1109.81
G 40.0	757.34	813.74	757.34	783.51	816.00	789.74	878.15	869.33	895.18	934.49
G 45.0	742.92	763.79	742.92	751.78	841.48	814.66	856.86	915.09	948.11	964.21
G 50.0	732.16	694.83	732.16	720.78	878.37	850.67	838.98	976.40	1018.10	1007.09
G 55.0	721.32	706.15	721.32	727.98	806.52	884.58	842.39	933.55	1008.47	951.74
G 60.0	751.74	756.96	751.74	785.70	735.74	918.32	888.18	883.43	981.16	911.20
G 65.0	804.04	762.76	804.04	818.64	745.16	878.00	889.31	873.05	922.95	912.48
G 70.0	851.48	736.22	851.48	841.25	790.64	804.04	858.43	886.64	865.11	939.01
G 75.0	865.46	739.51	865.46	908.12	781.20	797.13	855.31	887.83	867.57	960.51
G 80.0	906.35	854.35	906.35	1041.30	797.02	920.44	934.21	929.82	964.62	1028.15
G 85.0	1188.42	1303.28	1188.42	1316.19	1139.24	1328.59	1248.97	1217.45	1262.83	1343.68
G 90.0	2933.43	3520.40	2933.43	2867.63	3138.26	3377.00	3088.10	3006.81	3006.94	3268.17