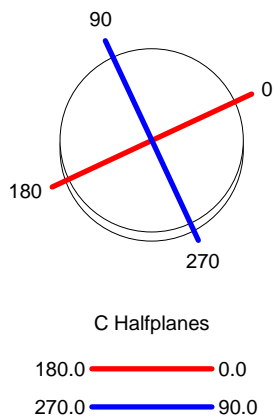


Luminaire		Measur.		Lamp				
Code	0375	Code	0375	Code	43 led 350mA 4.48W			
Name	Chandelier 43 lights long	Name	Chandelier 43 lights long	Number	1			
Line	VIBIA-Wireflow	Date	11-01-2016	Position	Universal			
Luminaire Flux		7701.10 lm	Luminaire Power	193.00 W	Efficacy	39.90 lm/W	Efficiency	39.80%
Lamps Flux		19347.50 lm	Maximum value	54.97 cd/klm	Position	C=50.00 G=50.00	CG	Double Symmetrical
Round Luminaire		Diam.	840 mm	Height	3205 mm			
Round Luminous Area		Diam.	840 mm	Height	3205 mm			
Horizontal Luminous Area		0.554177 m2		Emitting area on Plane 180°		2.692200 m2		
Emitting area on Plane 0°		2.692200 m2		Emitting area on Plane 270°		2.692200 m2		
Emitting area on Plane 90°		2.692200 m2		Glare area at 76°		2.746298 m2		
Coordinate system		CG	Symmetry Type		Double Symmetrical			
Date		11-01-2016	Maximum Gamma Angle		180			
Measurement Distance		0.00	Measurement Flux		19347.42 lm			
Operator		Asselum	Source voltage		230.00 V			
Temperature		25.00 °C	Source current					
Humidity		50.00 %	Photocell					
Notes								

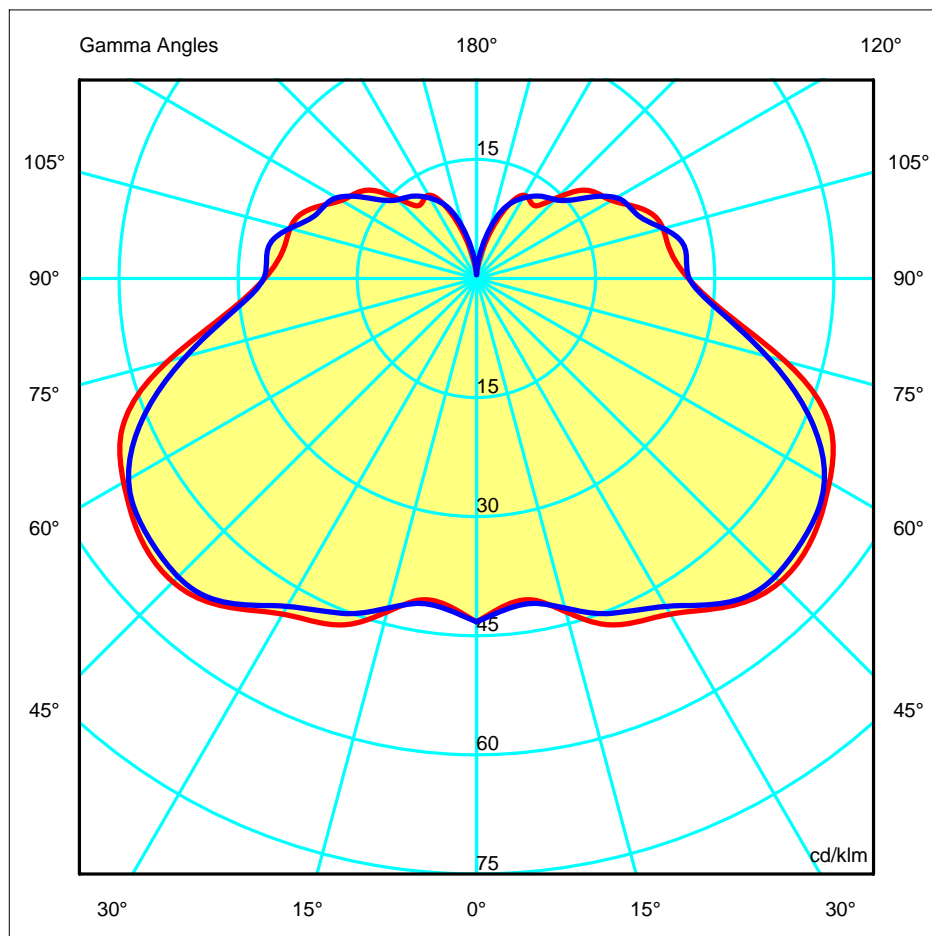
Diam=840mm



ULOR 11.88 %

DLOR 27.92 %

RN 29.85 %



Luminaire			Measurem.			Lamp					
Code	0375		Code	0375		Code	43 led 350mA 4.48W				
Name	Chandelier 43 lights long		Name	Chandelier 43 lights long		Number	1				
Line	VIBIA-Wireflow		Date	11-01-2016		Position	Universal				
Luminaire Flux		7701.10 lm	Luminaire Power		193.00 W	Efficacy		39.90 lm/W	Efficiency		39.80%
Lamps Flux		19347.50 lm	Maximum value		54.97 cd/klm	Position		C=50.00 G=50.00	CG		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	43.23	43.23	43.23	43.23	43.23	43.23	43.23	43.23	43.23	43.23	
G 10.0	41.13	41.17	40.76	40.50	40.44	40.57	40.84	41.18	41.53	41.55	
G 20.0	46.32	46.13	45.31	44.35	43.68	43.62	44.26	44.78	44.79	44.89	
G 30.0	48.81	49.41	49.06	49.00	49.35	48.90	48.79	48.73	47.73	47.67	
G 40.0	53.04	52.95	52.36	50.86	52.37	53.61	53.55	53.60	52.67	52.45	
G 50.0	53.86	54.31	53.58	52.80	54.76	54.97	54.48	54.32	52.04	52.79	
G 60.0	51.31	52.64	54.14	52.86	52.96	51.35	50.49	50.48	48.71	50.58	
G 70.0	46.16	44.70	45.18	43.20	42.78	43.65	42.44	45.11	43.45	43.00	
G 80.0	33.85	33.35	34.23	32.04	33.06	32.79	34.99	33.09	33.18	32.91	
G 90.0	26.68	27.98	27.08	27.39	26.14	24.89	26.14	26.50	26.48	26.80	
G100.0	24.48	25.72	26.33	24.90	25.24	25.78	25.09	25.74	25.33	26.28	
G110.0	23.60	23.74	23.41	23.69	23.66	23.74	23.10	22.69	23.66	22.18	
G120.0	19.65	19.46	20.69	19.66	19.60	20.29	20.58	20.54	21.21	20.35	
G130.0	17.30	17.03	16.65	15.79	15.82	16.66	16.41	16.53	16.76	15.34	
G140.0	11.99	12.97	13.87	13.55	14.05	14.20	13.59	13.36	13.48	13.43	
G150.0	12.11	11.71	11.50	12.28	12.76	12.52	12.10	11.86	11.64	11.69	
G160.0	8.16	8.32	8.69	9.04	9.15	9.04	8.99	8.88	8.83	8.93	
G170.0	2.81	2.88	3.05	3.29	3.56	3.80	3.97	4.03	3.97	4.04	
G180.0	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	

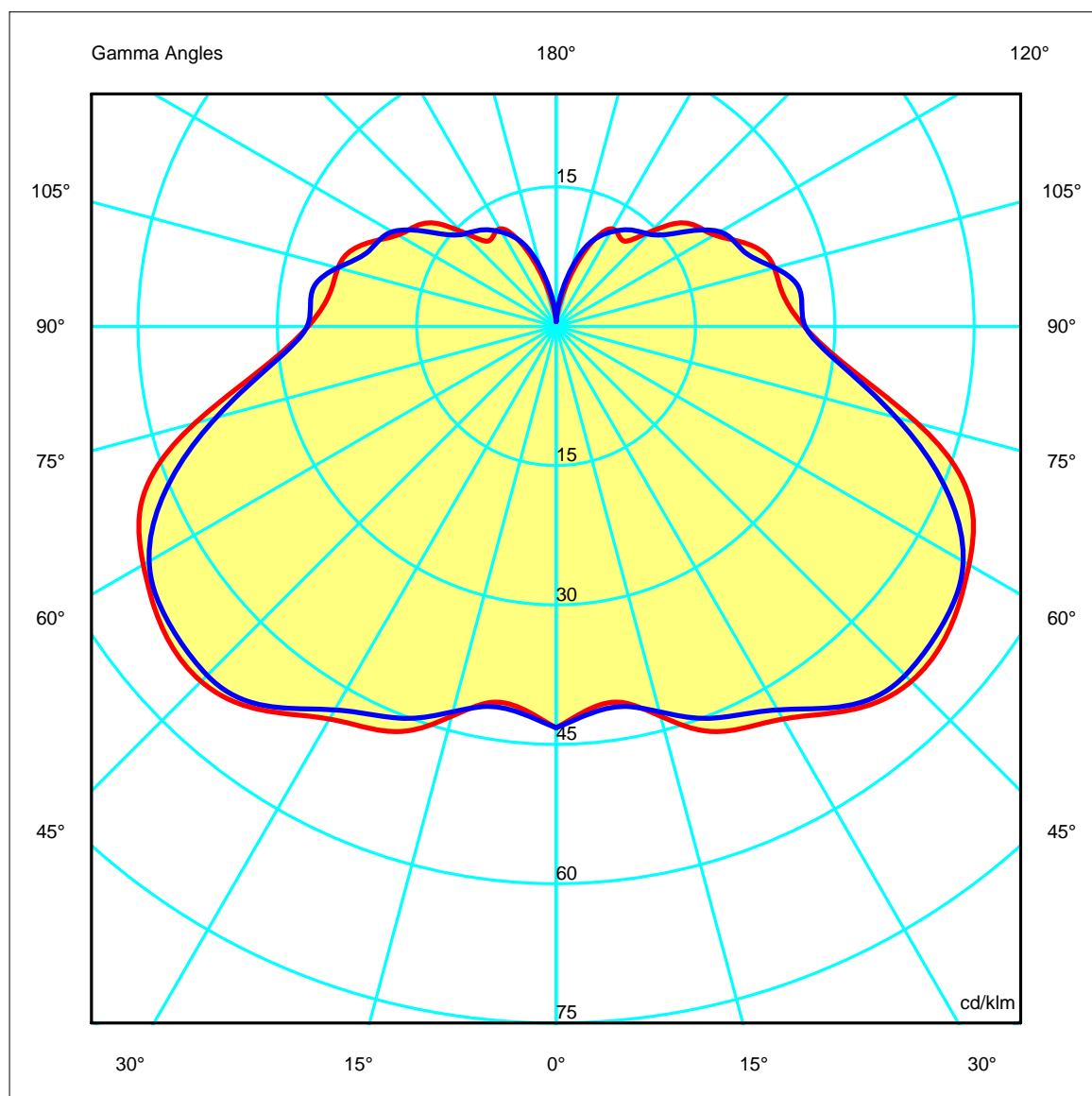
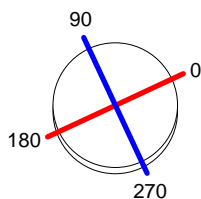
Luminaire		Measurem.		Lamp			
Code	0375	Code	0375	Code	43 led 350mA 4.48W		
Name	Chandelier 43 lights long	Name	Chandelier 43 lights long	Number	1		
Line	VIBIA-Wireflow	Date	11-01-2016	Position	Universal		
Luminaire Flux	7701.10 lm	Luminaire Power	193.00 W	Efficacy	39.90 lm/W	Efficiency	39.80%
Lamps Flux	19347.50 lm	Maximum value	54.97 cd/klm	Position	C=50.00 G=50.00	CG	Double Symmetrical

Diam=840mm

C Halfplanes

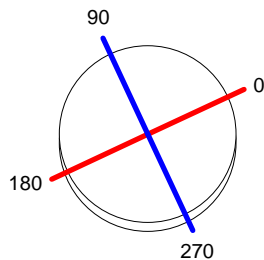
180.0 ————— 0.0

270.0 ————— 90.0



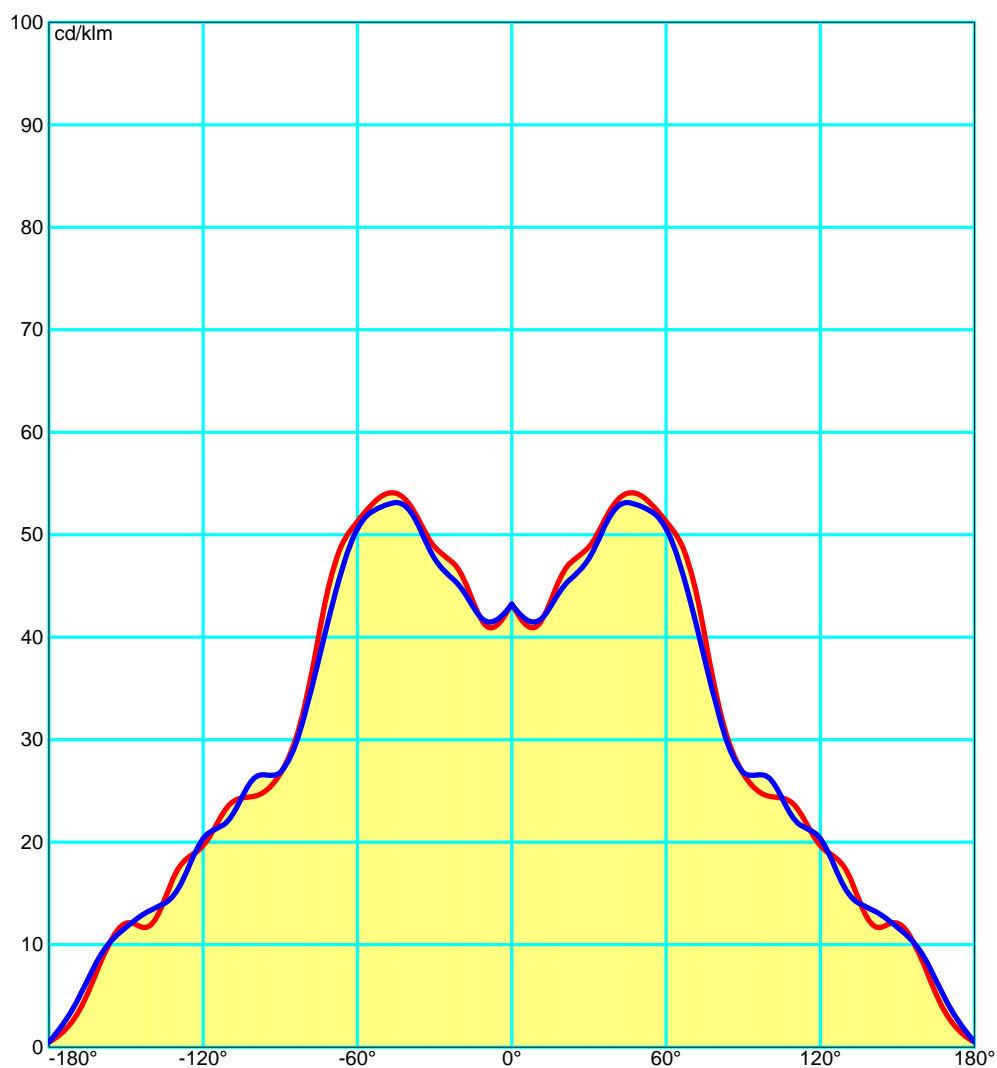
Luminaire		Measurem.		Lamp			
Code	0375	Code	0375	Code	43 led 350mA 4.48W		
Name	Chandelier 43 lights long	Name	Chandelier 43 lights long	Number	1		
Line	VIBIA-Wireflow	Date	11-01-2016	Position	Universal		
Luminaire Flux	7701.10 lm	Luminaire Power	193.00 W	Efficacy	39.90 lm/W	Efficiency	39.80%
Lamps Flux	19347.50 lm	Maximum value	54.97 cd/klm	Position	C=50.00 G=50.00	CG Double Symmetrical	

Diam=840mm



C Halfplanes

180.0 ————— 0.0
 270.0 ————— 90.0



Luminaire			Measurem.			Lamp	
Code	0375		Code	0375		Code	43 led 350mA 4.48W
Name	Chandelier 43 lights long		Name	Chandelier 43 lights long		Number	1
Line	VIBIA-Wireflow		Date	11-01-2016		Position	Universal
Luminaire Flux	7701.10 lm	Luminaire Power	193.00 W	Efficacy	39.90 lm/W	Efficiency	39.80%
Lamps Flux	19347.50 lm	Maximum value	54.97 cd/klm	Position	C=50.00 G=50.00	CG	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	7.8	9.0	8.5	9.7	10.2	7.5	8.7	8.2	9.4	10.2
x=2H y=3H	9.8	10.8	10.5	11.6	12.2	9.5	10.6	10.2	11.3	12.2
x=2H y=4H	10.6	11.6	11.3	12.3	13.0	10.4	11.4	11.1	12.1	13.0
x=2H y=6H	11.3	12.2	12.1	13.0	13.7	11.1	12.0	11.9	12.8	13.7
x=2H y=8H	11.6	12.5	12.4	13.3	14.0	11.4	12.3	12.2	13.1	14.0
x=2H y=12H	11.9	12.8	12.7	13.5	14.3	11.7	12.6	12.5	13.4	14.3
x=4H y=2H	8.6	9.5	9.3	10.3	11.0	8.4	9.3	9.1	10.1	11.0
x=4H y=3H	10.6	11.5	11.4	12.2	13.0	10.4	11.3	11.2	12.1	13.0
x=4H y=4H	11.6	12.4	12.4	13.2	14.0	11.5	12.2	12.2	13.0	14.0
x=4H y=6H	12.5	13.2	13.3	13.9	14.8	12.3	13.0	13.1	13.8	14.8
x=4H y=8H	12.9	13.5	13.7	14.3	15.2	12.7	13.4	13.5	14.2	15.2
x=4H y=12H	13.3	13.8	14.1	14.7	15.6	13.1	13.7	13.9	14.5	15.6
x=8H y=4H	11.9	12.6	12.7	13.4	14.3	11.8	12.5	12.6	13.3	14.3
x=8H y=6H	13.0	13.5	13.8	14.4	15.3	12.9	13.5	13.8	14.3	15.3
x=8H y=8H	13.5	14.0	14.4	14.9	15.9	13.5	13.9	14.3	14.8	15.9
x=8H y=12H	14.1	14.5	14.9	15.4	16.3	14.0	14.4	14.8	15.3	16.3
x=12H y=4H	12.0	12.6	12.8	13.4	14.3	11.9	12.4	12.7	13.3	14.3
x=12H y=6H	13.1	13.6	14.0	14.5	15.4	13.0	13.5	13.9	14.4	15.4
x=12H y=8H	13.7	14.1	14.6	15.0	16.0	13.7	14.1	14.5	14.9	16.0

Luminaire		Measurem.		Lamp				
Code	0375	Code	0375	Code	43 led 350mA 4.48W			
Name	Chandelier 43 lights long	Name	Chandelier 43 lights long	Number	1			
Line	VIBIA-Wireflow	Date	11-01-2016	Position	Universal			
Luminaire Flux		7701.10 lm	Luminaire Power	193.00 W	Efficacy	39.90 lm/W	Efficiency	39.80%
Lamps Flux		19347.50 lm	Maximum value	54.97 cd/klm	Position	C=50.00 G=50.00	CG	Double Symmetrical

Beam angle too wide

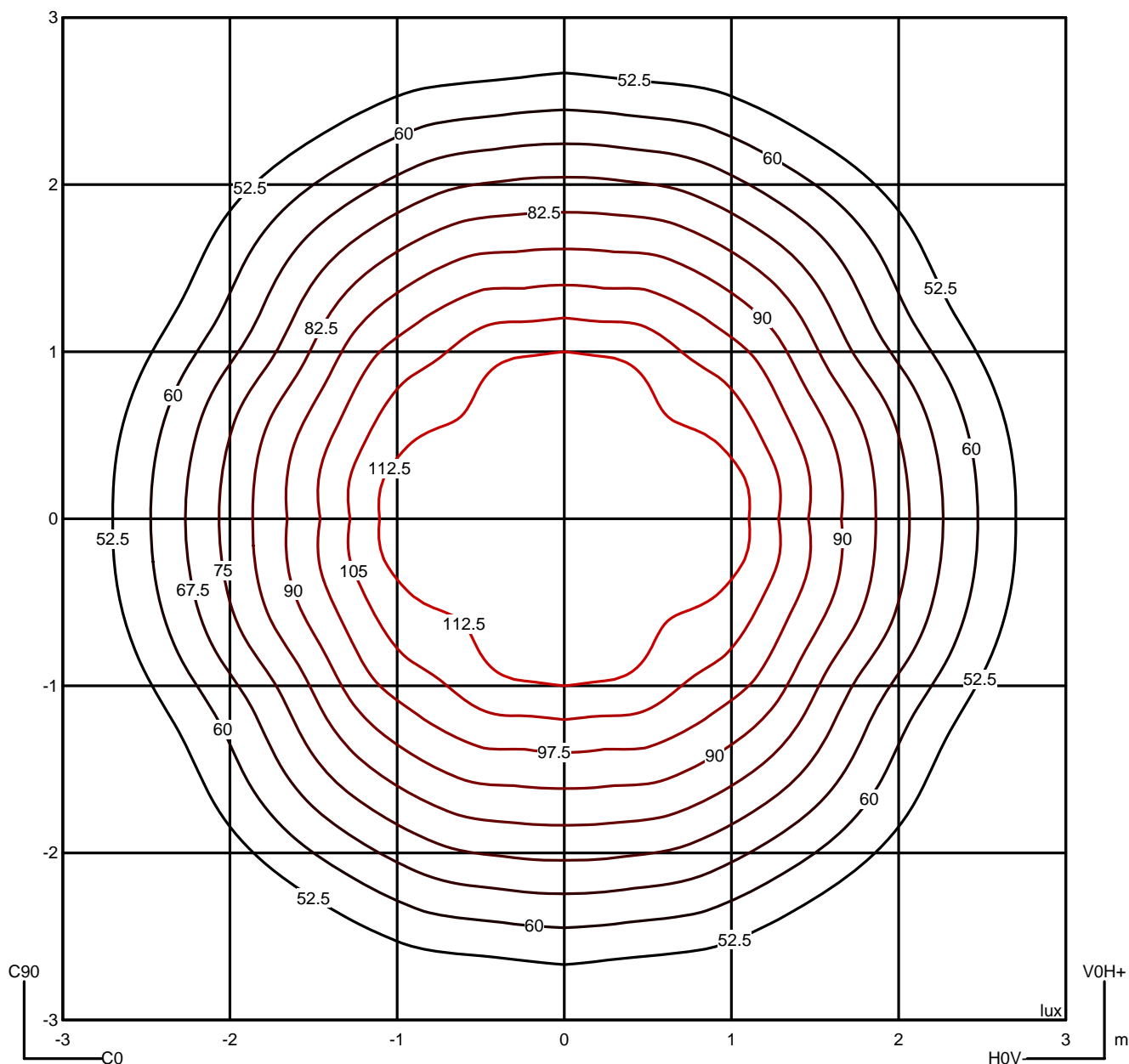
Beam angle too wide

Beam angle too wide

Luminaire		Measurem.		Lamp			
Code	0375	Code	0375	Code	43 led 350mA 4.48W		
Name	Chandelier 43 lights long	Name	Chandelier 43 lights long	Number	1		
Line	VIBIA-Wireflow	Date	11-01-2016	Position	Universal		
Luminaire Flux	7701.10 lm	Luminaire Power	193.00 W	Efficacy	39.90 lm/W	Efficiency	39.80%
Lamps Flux	19347.50 lm	Maximum value	54.97 cd/klm	Position	C=50.00 G=50.00	CG Double Symmetrical	

Isolux (Floor)

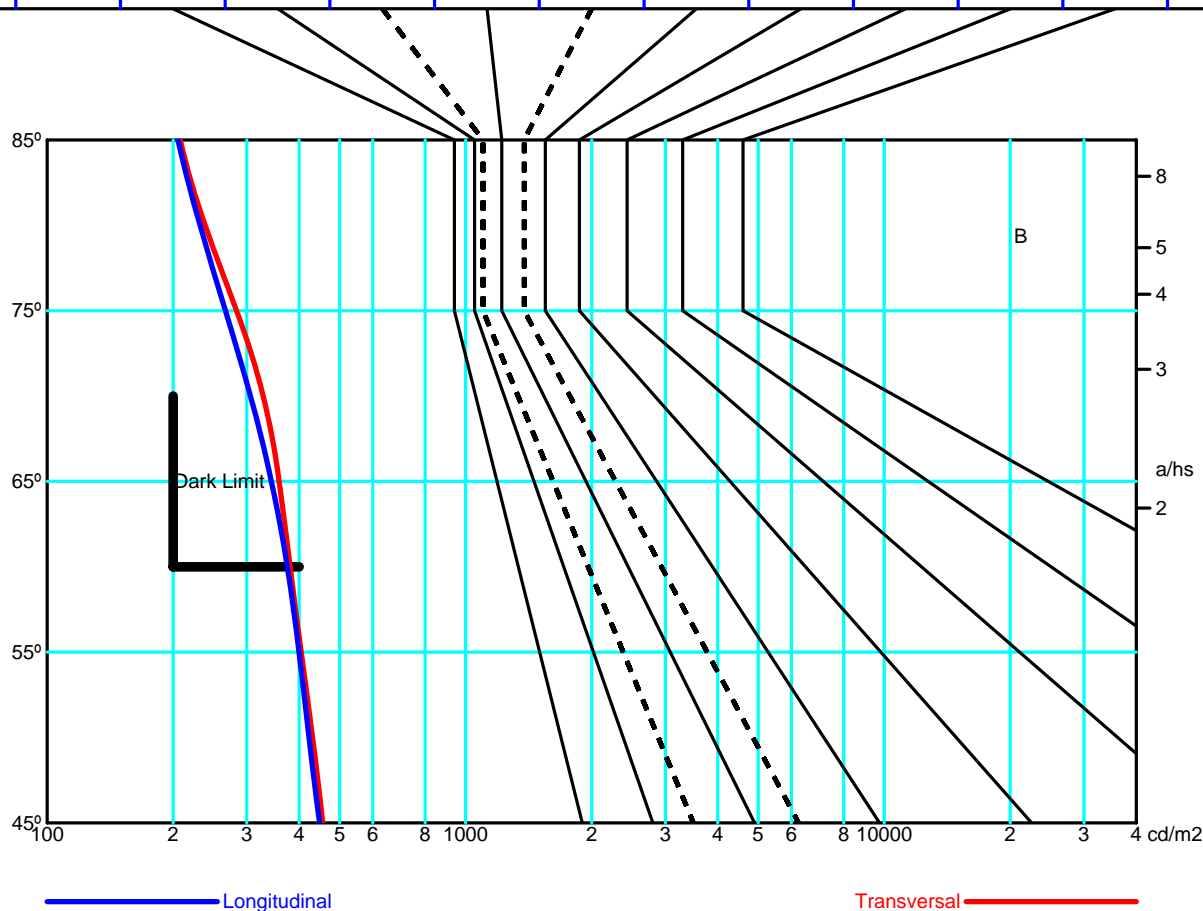
Luminaire position X=0.00m Y=0.00m Z=2.50m



Luminaire		Measurem.		Lamp			
Code	0375	Code	0375	Code	43 led 350mA 4.48W		
Name	Chandelier 43 lights long	Name	Chandelier 43 lights long	Number	1		
Line	VIBIA-Wireflow	Date	11-01-2016	Position	Universal		
Luminaire Flux	7701.10 lm	Luminaire Power	193.00 W	Efficacy	39.90 lm/W	Efficiency	39.80%
Lamps Flux	19347.50 lm	Maximum value	54.97 cd/klm	Position	C=50.00 G=50.00	CG Double Symmetrical	

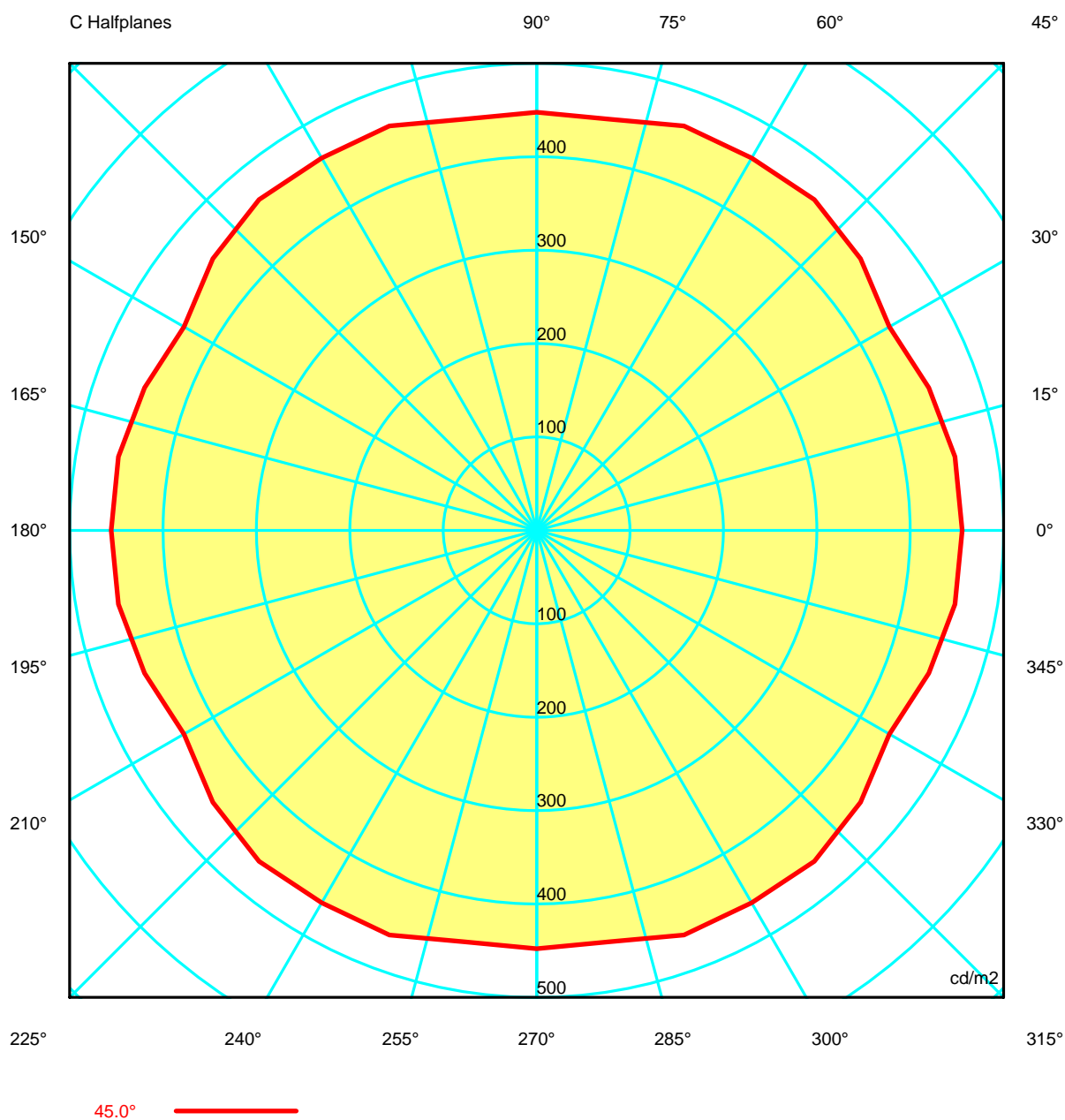
Average Luminance [cd/m²]										
0.0°	45°	50°	55°	60°	65°	70°	75°	80°	85°	---
90.0°	456	431	405	381	358	328	284	238	208	---
	448	422	400	375	343	306	267	232	205	---

Flush mounted or transversal 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	0375	Code	0375		Code	43 led 350mA 4.48W		
Name	Chandelier 43 lights long	Name	Chandelier 43 lights long		Number	1		
Line	VIBIA-Wireflow	Date	11-01-2016		Position	Universal		
Luminaire Flux		7701.10 lm	Luminaire Power	193.00 W	Efficacy	39.90 lm/W	Efficiency	39.80%
Lamps Flux		19347.50 lm	Maximum value	54.97 cd/klm	Position	C=50.00 G=50.00	CG	Double Symmetrical

Luminance



Luminaire				Measurem.				Lamp							
Code	0375			Code	0375			Code	43 led 350mA 4.48W						
Name	Chandelier 43 lights long			Name	Chandelier 43 lights long			Number	1						
Line	VIBIA-Wireflow			Date	11-01-2016			Position	Universal						
Luminaire Flux		7701.10 lm		Luminaire Power		193.00 W		Efficacy		39.90 lm/W		Efficiency		39.80%	
Lamps Flux		19347.50 lm		Maximum value		54.97 cd/klm		Position		C=50.00 G=50.00		CG		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	1509.11	1509.11	1509.11	1509.11	1509.11	1509.11	1509.11	1509.11	1509.11	1509.11	1509.11	1509.11	1509.11	1509.11	
G 5.0	1017.00	1019.17	1014.76	1014.29	1015.98	1017.77	1019.86	1023.84	1029.18	1029.14	1029.18	1023.84	1019.86	1017.77	
G 10.0	785.27	786.08	778.21	773.32	772.19	774.65	779.77	786.25	793.03	793.36	793.03	786.25	779.77		
G 15.0	682.37	679.66	668.71	656.68	649.56	651.59	660.40	668.46	673.59	674.60	673.59	668.46	660.40		
G 20.0	621.62	619.10	608.10	595.31	586.28	585.42	594.07	600.95	601.17	602.44	601.17	600.95	594.07		
G 25.0	563.03	566.07	558.81	554.08	550.36	544.95	548.26	550.94	544.08	544.76	544.08	550.94	548.26		
G 30.0	517.15	523.55	519.84	519.23	522.89	518.11	516.94	516.31	505.69	505.13	505.69	516.31	516.94		
G 35.0	492.81	495.99	492.82	485.49	494.77	498.59	497.42	496.73	487.96	485.98	487.96	496.73	497.42		
G 40.0	476.23	475.35	470.11	456.61	470.16	481.26	480.81	481.23	472.88	470.89	472.88	481.23	480.81		
G 45.0	455.51	454.77	446.74	436.00	452.66	462.42	460.37	460.93	447.16	447.81	447.16	460.93	460.37		
G 50.0	430.86	434.43	428.61	422.40	438.07	439.77	435.79	434.54	416.30	422.32	416.30	434.54	435.79		
G 55.0	404.82	414.51	418.43	411.78	420.70	412.11	407.49	403.51	387.16	399.82	387.16	403.51	407.49		
G 60.0	380.55	390.44	401.58	392.06	392.81	380.86	374.46	374.36	361.26	375.16	361.26	374.36	374.46		
G 65.0	358.47	358.12	366.21	354.54	350.41	347.25	337.01	350.50	337.49	343.20	337.49	350.50	337.01		
G 70.0	328.44	318.01	321.47	307.34	304.35	310.57	301.94	320.91	309.10	305.92	309.10	320.91	301.94		
G 75.0	283.59	273.29	278.58	261.32	265.38	270.58	274.18	277.24	271.56	267.06	271.56	277.24	274.18		
G 80.0	238.39	234.84	241.01	225.61	232.83	230.90	246.40	232.99	233.67	231.74	233.67	232.99	246.40		
G 85.0	208.18	212.09	211.20	206.16	205.17	197.04	213.08	203.42	205.54	205.34	205.54	203.42	213.08		
G 90.0	191.77	201.09	194.59	196.87	187.84	178.90	187.87	190.44	190.32	192.60	190.32	190.44	187.87		

Luminaire				Measurem.				Lamp							
Code	0375			Code	0375			Code	43 led 350mA 4.48W						
Name	Chandelier 43 lights long			Name	Chandelier 43 lights long			Number	1						
Line	VIBIA-Wireflow			Date	11-01-2016			Position	Universal						
Luminaire Flux		7701.10 lm		Luminaire Power		193.00 W		Efficacy		39.90 lm/W		Efficiency		39.80%	
Lamps Flux		19347.50 lm		Maximum value		54.97 cd/klm		Position		C=50.00 G=50.00		CG		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	1509.11	1509.11	1509.11	1509.11	1509.11	1509.11	1509.11	1509.11	1509.11	1509.11	1509.11	1509.11	1509.11	1509.11	1509.11
G 5.0	1017.77	1015.98	1014.29	1014.76	1019.17	1017.00	1019.17	1014.76	1014.29	1015.98	1017.77	1019.86	1019.86	1023.84	1023.84
G 10.0	774.65	772.19	773.32	778.21	786.08	785.27	786.08	778.21	773.32	772.19	774.65	779.77	779.77	786.25	786.25
G 15.0	651.59	649.56	656.68	668.71	679.66	682.37	679.66	668.71	656.68	649.56	651.59	660.40	660.40	668.46	668.46
G 20.0	585.42	586.28	595.31	608.10	619.10	621.62	619.10	608.10	595.31	586.28	585.42	594.07	594.07	600.95	600.95
G 25.0	544.95	550.36	554.08	558.81	566.07	563.03	566.07	558.81	554.08	550.36	544.95	548.26	548.26	550.94	550.94
G 30.0	518.11	522.89	519.23	519.84	523.55	517.15	523.55	519.84	519.23	522.89	518.11	516.94	516.94	516.31	516.31
G 35.0	498.59	494.77	485.49	492.82	495.99	492.81	495.99	492.82	485.49	494.77	498.59	497.42	497.42	496.73	496.73
G 40.0	481.26	470.16	456.61	470.11	475.35	476.23	475.35	470.11	456.61	470.16	481.26	480.81	480.81	481.23	481.23
G 45.0	462.42	452.66	436.00	446.74	454.77	455.51	454.77	446.74	436.00	452.66	462.42	460.37	460.37	460.93	460.93
G 50.0	439.77	438.07	422.40	428.61	434.43	430.86	434.43	428.61	422.40	438.07	439.77	435.79	435.79	434.54	434.54
G 55.0	412.11	420.70	411.78	418.43	414.51	404.82	414.51	418.43	411.78	420.70	412.11	407.49	407.49	403.51	403.51
G 60.0	380.86	392.81	392.06	401.58	390.44	380.55	390.44	401.58	392.06	392.81	380.86	374.46	374.46	374.36	374.36
G 65.0	347.25	350.41	354.54	366.21	358.12	358.47	358.12	366.21	354.54	350.41	347.25	337.01	337.01	350.50	350.50
G 70.0	310.57	304.35	307.34	321.47	318.01	328.44	318.01	321.47	307.34	304.35	310.57	301.94	301.94	320.91	320.91
G 75.0	270.58	265.38	261.32	278.58	273.29	283.59	273.29	278.58	261.32	265.38	270.58	274.18	274.18	277.24	277.24
G 80.0	230.90	232.83	225.61	241.01	234.84	238.39	234.84	241.01	225.61	232.83	230.90	246.40	246.40	232.99	232.99
G 85.0	197.04	205.17	206.16	211.20	212.09	208.18	212.09	211.20	206.16	205.17	197.04	213.08	213.08	203.42	203.42
G 90.0	178.90	187.84	196.87	194.59	201.09	191.77	201.09	194.59	196.87	187.84	178.90	187.87	187.87	190.44	190.44

Luminaire			Measurem.			Lamp					
Code	0375		Code	0375		Code	43 led 350mA 4.48W				
Name	Chandelier 43 lights long		Name	Chandelier 43 lights long		Number	1				
Line	VIBIA-Wireflow		Date	11-01-2016		Position	Universal				
Luminaire Flux		7701.10 lm	Luminaire Power		193.00 W	Efficacy		39.90 lm/W	Efficiency		39.80%
Lamps Flux		19347.50 lm	Maximum value		54.97 cd/klm	Position		C=50.00 G=50.00	CG		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	1509.11	1509.11	1509.11	1509.11	1509.11	1509.11	1509.11	1509.11	1509.11	1509.11	
G 5.0	1029.18	1029.14	1029.18	1023.84	1019.86	1017.77	1015.98	1014.29	1014.76	1019.17	
G 10.0	793.03	793.36	793.03	786.25	779.77	774.65	772.19	773.32	778.21	786.08	
G 15.0	673.59	674.60	673.59	668.46	660.40	651.59	649.56	656.68	668.71	679.66	
G 20.0	601.17	602.44	601.17	600.95	594.07	585.42	586.28	595.31	608.10	619.10	
G 25.0	544.08	544.76	544.08	550.94	548.26	544.95	550.36	554.08	558.81	566.07	
G 30.0	505.69	505.13	505.69	516.31	516.94	518.11	522.89	519.23	519.84	523.55	
G 35.0	487.96	485.98	487.96	496.73	497.42	498.59	494.77	485.49	492.82	495.99	
G 40.0	472.88	470.89	472.88	481.23	480.81	481.26	470.16	456.61	470.11	475.35	
G 45.0	447.16	447.81	447.16	460.93	460.37	462.42	452.66	436.00	446.74	454.77	
G 50.0	416.30	422.32	416.30	434.54	435.79	439.77	438.07	422.40	428.61	434.43	
G 55.0	387.16	399.82	387.16	403.51	407.49	412.11	420.70	411.78	418.43	414.51	
G 60.0	361.26	375.16	361.26	374.36	374.46	380.86	392.81	392.06	401.58	390.44	
G 65.0	337.49	343.20	337.49	350.50	337.01	347.25	350.41	354.54	366.21	358.12	
G 70.0	309.10	305.92	309.10	320.91	301.94	310.57	304.35	307.34	321.47	318.01	
G 75.0	271.56	267.06	271.56	277.24	274.18	270.58	265.38	261.32	278.58	273.29	
G 80.0	233.67	231.74	233.67	232.99	246.40	230.90	232.83	225.61	241.01	234.84	
G 85.0	205.54	205.34	205.54	203.42	213.08	197.04	205.17	206.16	211.20	212.09	
G 90.0	190.32	192.60	190.32	190.44	187.87	178.90	187.84	196.87	194.59	201.09	