

Luminaire

Code 90763L080
Name FOCUS 2 D80 PB 830 15° HO

Measurem.

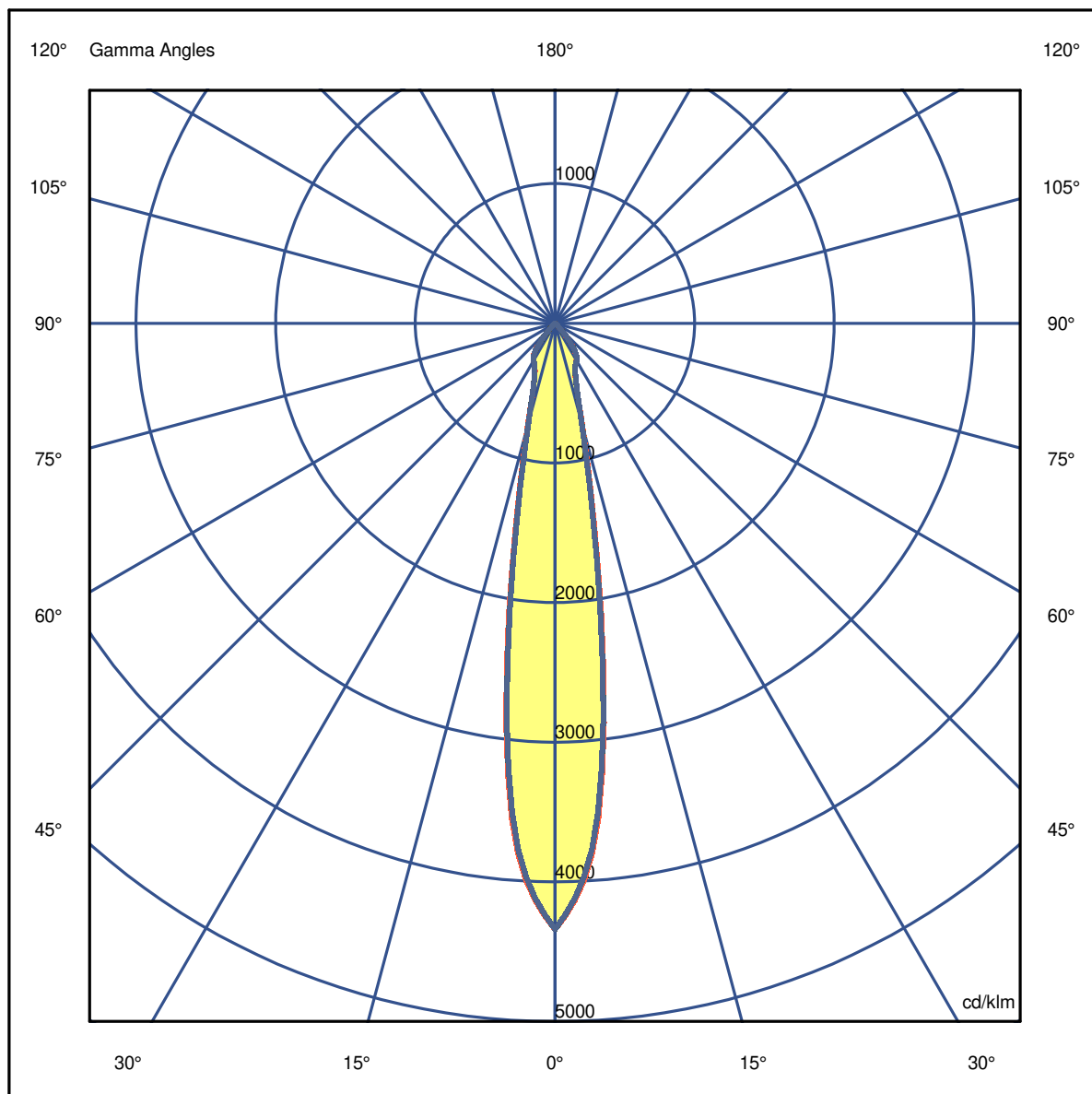
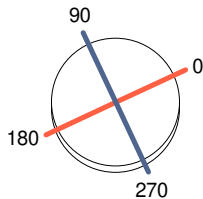
Code 2/5/2023
Name FOCUS 2 D80 PB 830 15° HO

Luminaire Flux	2951 lm	Luminaire Power	22.9 W	Efficacy	128.917 lm/W	Efficiency	88.86%
Source Flux	3321 lm	Maximum value	4338.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=80mm

C Halfplanes

180.0 — 0.0
270.0 — 90.0



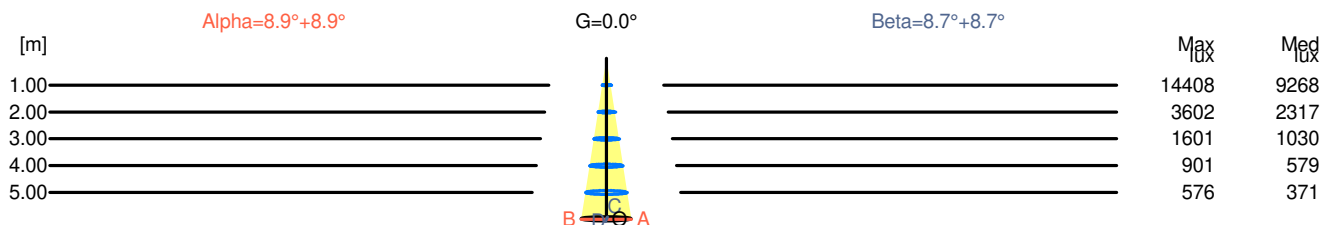
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Width at 50.00 % of Max Intensity

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	0.16	0.31	0.47	0.62	0.78	OC	0.15	0.31	0.46	0.61	0.77
OB	0.16	0.31	0.47	0.62	0.78	OD	0.15	0.31	0.46	0.61	0.77

	0	5	15	25	35	45	55	65	75	85
OA	14408.16	11814.13	2487.43	1143.75	847.52	99.96	20.59	6.97	0.00	0.00
OB	14408.16	11814.13	2487.43	1143.75	847.52	99.96	20.59	6.97	0.00	0.00
OC	14408.16	11698.22	2444.92	1143.42	840.21	103.28	20.59	6.97	0.00	0.00
OD	14408.16	11698.22	2444.92	1143.42	840.21	103.28	20.59	6.97	0.00	0.00



H[m]	D[m]	Max lux	Med lux	Alpha=8.9°+8.9°	G=0.0
1.00	0.31	14408	9268		
2.00	0.62	3602	2317		
3.00	0.93	1601	1030		
4.00	1.25	901	579		
5.00	1.56	576	371		

H[m]	D[m]	Max lux	Med lux	Beta=8.7°+8.7°	G=0.0
1.00	0.31	14408	9268		
2.00	0.61	3602	2317		
3.00	0.92	1601	1030		
4.00	1.23	901	579		
5.00	1.54	576	371		

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Source Flux	3321 lm	Maximum value	4338.50 cd/klm	Position	C=0.00 G=0.00	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
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions										
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	21.3	22.0	21.6	22.2	22.4	21.4	22.0	21.6	22.2	22.4
x=2H y=3H	21.2	21.8	21.5	22.1	22.3	21.2	21.8	21.5	22.1	22.3
x=2H y=4H	21.1	21.7	21.4	22.0	22.2	21.2	21.7	21.5	22.0	22.2
x=2H y=6H	21.1	21.6	21.4	21.9	22.2	21.1	21.6	21.4	21.9	22.2
x=2H y=8H	21.0	21.5	21.4	21.8	22.1	21.0	21.6	21.4	21.9	22.1
x=2H y=12H	21.0	21.5	21.3	21.8	22.1	21.0	21.5	21.4	21.8	22.1
x=4H y=2H	21.2	21.7	21.5	22.0	22.2	21.2	21.8	21.5	22.0	22.3
x=4H y=3H	21.0	21.5	21.4	21.8	22.1	21.0	21.5	21.4	21.8	22.1
x=4H y=4H	20.9	21.3	21.3	21.7	22.0	20.9	21.4	21.3	21.7	22.0
x=4H y=6H	20.9	21.2	21.3	21.6	22.0	20.9	21.2	21.3	21.6	22.0
x=4H y=8H	20.8	21.1	21.2	21.5	21.9	20.8	21.1	21.3	21.5	21.9
x=4H y=12H	20.8	21.0	21.2	21.4	21.9	20.8	21.1	21.2	21.5	21.9
x=8H y=4H	20.8	21.1	21.2	21.5	21.9	20.8	21.1	21.3	21.5	21.9
x=8H y=6H	20.7	21.0	21.2	21.4	21.8	20.8	21.0	21.2	21.4	21.8
x=8H y=8H	20.7	20.9	21.1	21.3	21.8	20.7	20.9	21.2	21.3	21.8
x=8H y=12H	20.6	20.8	21.1	21.3	21.8	20.7	20.8	21.1	21.3	21.8
x=12H y=4H	20.8	21.0	21.2	21.4	21.9	20.8	21.1	21.2	21.5	21.9
x=12H y=6H	20.7	20.9	21.1	21.3	21.8	20.7	20.9	21.2	21.3	21.8
x=12H y=8H	20.6	20.8	21.1	21.3	21.8	20.7	20.8	21.1	21.3	21.8

Luminaire

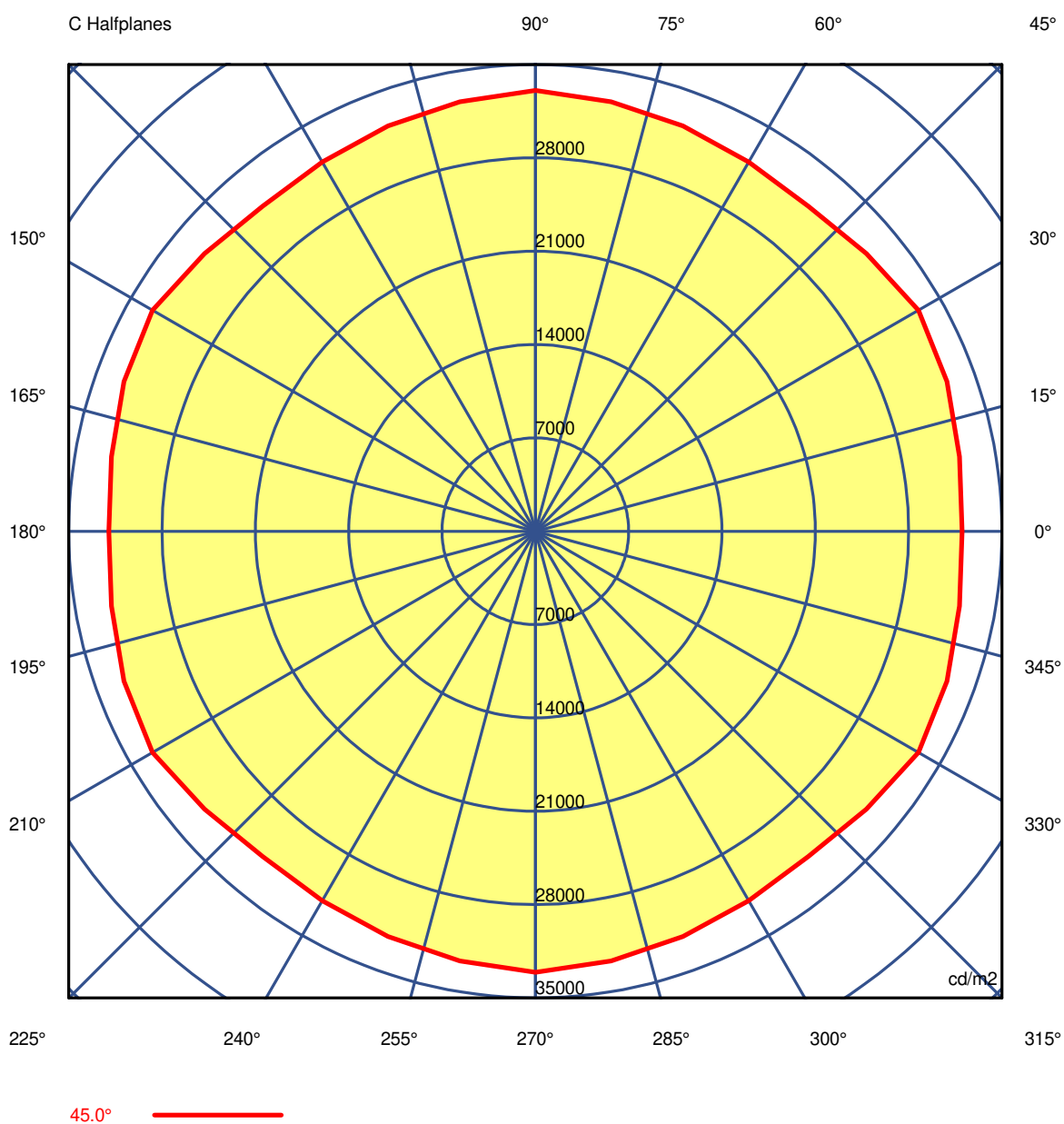
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Luminaire Flux	2951 lm	Luminaire Power	22.9 W	Efficacy	128.917 lm/W	Efficiency	88.86%
Source Flux	3321 lm	Maximum value	4338.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



Luminaire

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Measurement

Code 2/5/2023
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Luminaire Flux		2951 lm		Luminaire Power		22.9 W		Efficacy		128.917 lm/W		Efficiency		88.86%	
Source Flux		3321 lm		Maximum value		4338.50 cd/klm		Position		C=0.00 G=0.00		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	3261340	3261340	3261340	3261340	3261340	3261340	3261340	3261340	3261340	3261340	3261340	3261340	3261340	3261340	3261340
G 5.0	2684386	2678873	2677351	2677896	2674641	2669297	2664766	2662400	2660488	2658051	2660488	2662400	2664766	2667896	2677351
G 10.0	1348552	1348196	1346613	1343133	1340343	1334152	1325424	1319924	1316910	1314737	1316910	1319924	1325424	1334152	1340343
G 15.0	582901	582144	581965	581422	579313	579163	579710	576136	573769	572939	573769	576136	579710	579163	579313
G 20.0	349424	350938	350904	349744	349431	350322	351264	350788	350410	350864	350410	350788	351264	350904	350938
G 25.0	285656	285767	286125	286818	287152	287554	287647	286561	285850	285573	285850	286561	287647	287152	287554
G 30.0	265612	265306	265604	266393	267042	267658	267608	266117	265463	266393	265463	266117	267608	267042	267658
G 35.0	234192	233088	233110	233917	234136	234074	233917	233411	232777	232173	232777	233411	233917	234136	234074
G 40.0	124233	124560	124756	124822	126243	126530	125803	126429	126476	125116	126476	126429	125803	126530	126530
G 45.0	31999	32288	32857	33169	32406	31830	31999	32348	32710	33062	32710	32348	31999	32406	32857
G 50.0	23039	23039	23039	23039	24008	23892	23039	23731	24208	24208	24208	23731	23039	24008	24008
G 55.0	8126	8126	7855	7470	7967	7967	7470	7855	8126	8126	8126	7855	7470	7967	7967
G 60.0	3157	3157	3157	3157	3157	3157	3157	3157	3157	3157	3157	3157	3157	3157	3157
G 65.0	3735	3735	3735	3735	3735	3735	3735	3735	3735	3735	3735	3735	3735	3735	3735
G 70.0	0	852	1099	1099	1099	769	0	0	0	0	0	0	0	0	0
G 75.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 80.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 85.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Source Flux			3321 lm		Maximum value		4338.50 cd/klm		Position		C=0.00 G=0.00		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	3261340	3261340	3261340	3261340	3261340	3261340	3261340	3261340	3261340	3261340	3261340	3261340	3261340	3261340	3261340	3261340	3261340	3261340	3261340	3261340	3261340	3261340	3261340	3261340	3261340	3261340	3261340
G 5.0	2669297	2674641	2677896	2677351	2678873	2684386	2678873	2677351	2677896	2674641	2669297	2664766	2662400	2660000	2657554	2655108	2652662	2650216	2647770	2645324	2642878	2640432	2637986	2635540	2633094	2630648	2628202
G 10.0	1334152	1340343	1343133	1346613	1348196	1348552	1348196	1346613	1343133	1340343	1334152	1325424	1319924	1314424	1308924	1303424	1297924	1292424	1286924	1281424	1275924	1270424	1264924	1259424	1253924	1248424	1242924
G 15.0	579163	579313	581422	581965	582144	582901	582144	581965	581422	579313	579163	579710	576136	572562	568988	565414	561840	558266	554692	551118	547544	543970	540396	536822	533248	529674	526100
G 20.0	350322	349431	349744	350904	350938	349424	350938	350904	349744	349431	350322	351264	350788	349315	348841	348367	347893	347419	346945	346471	345997	345523	345049	344575	344101	343627	343153
G 25.0	287554	287152	286818	286125	285767	285656	285767	286125	286818	287152	287554	287647	286561	285475	284389	283303	282217	281131	280045	278959	277873	276787	275701	274615	273529	272443	271357
G 30.0	267658	267042	266393	265604	265306	265612	265306	265604	266393	267042	267658	267608	266117	264626	263135	261644	260153	258662	257171	255680	254189	252698	251207	249716	248225	246734	245243
G 35.0	234074	234136	233917	233110	233088	234192	233088	233110	233917	234136	234074	233917	232426	230935	229444	227953	226462	224971	223480	221989	220498	219007	217516	216025	214534	213043	211552
G 40.0	126530	126243	124822	124756	124560	124233	124560	124756	124822	126243	126530	125803	124629	123138	121647	120156	118665	117174	115683	114192	112701	111210	109719	108228	106737	105246	103755
G 45.0	31830	32406	33169	32857	32288	31999	32288	32857	33169	32406	31830	31999	32348	32697	33046	33395	33744	34093	34442	34791	35140	35489	35838	36187	36536	36885	37234
G 50.0	23892	24008	23039	23039	23039	23039	23039	23039	23039	24008	23892	23039	23731	23423	23115	22807	22499	22191	21883	21575	21267	20959	20651	20343	20035	19727	19419
G 55.0	7967	7967	7470	7855	8126	8126	8126	7855	7470	7967	7967	7470	7855	8126	8126	7855	7470	7967	7967	7470	7855	8126	8126	7855	7470	7967	7967
G 60.0	3157	3157	3157	3157	3157	3157	3157	3157	3157	3157	3157	3157	3157	3157	3157	3157	3157	3157	3157	3157	3157	3157	3157	3157	3157	3157	3157
G 65.0	3735	3735	3735	3735	3735	3735	3735	3735	3735	3735	3735	3735	3735	3735	3735	3735	3735	3735	3735	3735	3735	3735	3735	3735	3735	3735	3735
G 70.0	769	1099	1099	1099	852	0	852	1099	1099	1099	769	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 75.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 80.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 85.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Source Flux	3321 lm	Maximum value	4338.50 cd/klm	Position	C=0.00 G=0.00	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	3261340	3261340	3261340	3261340	3261340	3261340	3261340	3261340	3261340	3261340
G 5.0	2660488	2658051	2660488	2662400	2664766	2669297	2674641	2677896	2677351	2678873
G 10.0	1316910	1314737	1316910	1319924	1325424	1334152	1340343	1343133	1346613	1348196
G 15.0	573769	572939	573769	576136	579710	579163	579313	581422	581965	582144
G 20.0	350410	350864	350410	350788	351264	350322	349431	349744	350904	350938
G 25.0	285850	285573	285850	286561	287647	287554	287152	286818	286125	285767
G 30.0	265463	266393	265463	266117	267608	267658	267042	266393	265604	265306
G 35.0	232777	232173	232777	233411	233917	234074	234136	233917	233110	233088
G 40.0	126476	125116	126476	126429	125803	126530	126243	124822	124756	124560
G 45.0	32710	33062	32710	32348	31999	31830	32406	33169	32857	32288
G 50.0	24208	24208	24208	23731	23039	23892	24008	23039	23039	23039
G 55.0	8126	8126	8126	7855	7470	7967	7967	7470	7855	8126
G 60.0	3157	3157	3157	3157	3157	3157	3157	3157	3157	3157
G 65.0	3735	3735	3735	3735	3735	3735	3735	3735	3735	3735
G 70.0	0	0	0	0	0	769	1099	1099	1099	852
G 75.0	0	0	0	0	0	0	0	0	0	0
G 80.0	0	0	0	0	0	0	0	0	0	0
G 85.0	0	0	0	0	0	0	0	0	0	0
G 90.0	0	0	0	0	0	0	0	0	0	0